



## Preface 序

The results of municipal administration in 2018 have been compiled into five major chapters according to the five directions of the blueprint for municipal development. The five chapters are titled Introduction, Political Development, Economic Development, Education and Culture, and Social Development. Brief textual descriptions are accompanied by statistical figures, charts and photos. All contents of this annual magazine are compiled and published in both Mandarin Chinese and English, providing reference for all sectors.

While continuing the city development for the Greater Kaohsiung region over the past years, a new focus of the city administration will be placed on spurring Kaohsiung's economic power. The city government endeavors to balance the urban and rural development, make local industries prosper, enable Kaohsiung natives working outside to come back home, extend the mass transit and public transportation networks to ensure smooth flow of people and logistics, and develop characteristic tourism - "love industry", "Medical tourism", and the "northern, central and eastern routes around the city core". By promoting international marketing, leveraging the integrated benefits of the greater Kaohsiung industry chains, and emphasizing bilingual education, it is hoped that children of Kaohsiung will be equipped with a global perspective and connect to the international world.

Han Kuo Yu Mayor  
September 2019



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# 107 年度 我們的努力與榮耀

## 2018 Our Achievements, Our Glory

### 西太平洋健康城市獎

The 8<sup>th</sup> Alliance for Healthy Cities

「高雄厝計畫」- 高雄宜居樂活城

Kaohsiung Healthy Harbor City Association - Livable in Kaohsiung city

創新發展獎

Creative Development Award

### 第 10 屆健康城市暨高齡友善城市獎項評選

The 10<sup>th</sup> Alliance of Healthy City and Age-Friendly Award Evaluation

健康城市創新成果獎

Healthy City Creative Achievement Award

高雄市冬季大眾運輸免費搭 市民健康交通環保三贏

Kaohsiung is free to take public transportation in winter, taking into account public health, transportation and environmental protection

健康政策獎

Health Policy Award

大學生根 深耕社造

College Homes, Community Building

健康環境獎

Environmental Award

2017 全球生態交通盛典推動成果

Implementation results of EcoMobility World Festival, 2017

創新成果獎

Innovation Award

文創夢想製造機 - 駁二藝術特區

Incubator for Creative Dreams - Pier-2 Art Center

健康產業獎

Industry Award

孕作幸福 ~ 照護新住民孕產婦健康

Pregnancy for Happiness - New Immigrant's Pregnant Women Physical and Mental Care

健康平等獎

Health Care Equality Award

高雄創生・幸福家園 - 阮ㄟ高雄厝

Kaohsiung Healthy Harbor City Association

健康特色獎

Special Award

高雄市里政線上 E 指通 - 服務好智慧 有里真正好

Kaohsiung E-Village Service - Good Smart Service, Good for You

智慧城市獎

Intelligent City Award

### 智慧城市創新應用獎

Intelligent City Government Innovation Application Category

高雄市行動戶政所及線上 e 指通系統

Kaohsiung City Mobile Household Registration Office and online e - ready system

智慧政府

Intelligent Government Award

農務即時人力需求平台 - 農來趣 Agri Max

Instant - farm labor demand platform - Agricultural be interesting Agri Max

智慧農業

Intelligent Agricultural Award

高雄市都市偏鄉多元運具行動計畫

Kaohsiung City Remote Regions Multiple Vehicles Action Plan

智慧交通

Intelligent Traffic Award

## 國家卓越建設獎

FIABCI-Taiwan Real Estate Excellence Award

### 大樹區行政中心新建工程

Dashu District Administration Center Construction Project

特別獎  
Special Award

### 阿公店水庫周邊景觀改善工程（第三期）－ 森林公園開闢工程

Landscape Improvement Project around Agongdian Reservoir (Phase III) - Forest Park Development Project

金質獎 \*7  
Gold Award \*7

### 鳳山體育園區整體設施及景觀改善工程

Fongshan Sports Park Facilities and Landscape Overall Improvement Project

### 崗山之眼園區整建工程

Siaogangshan Skywalk Park Renovation Project

### 曹公圳第五期及第六期整治工程

Caogong Canal phases 5 and 6 remediation project

Golden award - Best management and maintenance category - Leisur

### 北屋排水改善暨滯洪池公園工程

Beiwu drainage improvement and flood detention pond park project

### 105 年度金獅湖風景區整建工程

In 2016, Jinshi Lake Scenic Area Construction Project

### 少康營區公園

Shaokang Barrack Area Park

優質獎 \*4  
Excellent Award \*4

### 海洋文化及流行音樂中心新建工程（第一標）

Maritime Cultural and Popular Music Center (First Tender)

### 高雄市鼓山區台泥廠區明渠及滯洪池工程

Taiwan Cement Plant Open Canal and Flood Detention Pond Project in Gushan District, Kaohsiung City

### 林園區公 12 海洋濕地公園

Linyuan District Park 12 Ocean Wetlands Park

### 鼓山區國民小學校舍改建工程

Gushen Elementary School Demolition and Construction Project

## 2018 建築園冶獎

Yuan-Yie Award

公共建築景觀 \*6

Public Architectural Landscape

Award\*6

### 103 年度鳳山區公 29、文中 10、過埤公園之開闢及改善工程

In 2014, Development and Improvement Project of Fongshan District Park 29, Wenzhong 10, and the Guopi Park

### 105 年度岡山區阿公店溪園道景觀改善工程

（阿公店橋至聖森橋段）

In 2016, Park Road Landscape Improvement Project of Agongdian River, Gangshan District (Agongdian Bridge to Shengsen Bridge Section)

## 105 年度阿公店水庫（第三期）－森林公園開闢工程（B 區）

In 2016, Agongdian Reservoir (Phase III) - Forest Park Development Project (B Zone)

### 大樹九曲堂 - 鐵道綠園

Dashu District Jioucyu-Railway Green Park

### 高雄醫學大學空中樂學園、食藥園屋頂綠化改善工程

Herbal Medicinal Plant Gardens Rooftop Greening Project of Kaohsiung Medical University

### 捷興一街 繽紛海邊鬥牛場

Cool Cool Seaside

### 高雄市立潮寮國民中學校舍改建工程

Kaohsiung Municipal Chaoliao Junior High School Construction Project

校園建築景觀 \*3

Campus Architectural Landscape

Award\*3

### 高雄市前鎮區瑞豐國民小學創新樓、巧思樓校舍拆除及新建工程

Demolishment and Construction of Chuangsin Building and Ciaosih Building of Rueifong Elementary School in Cianjhen

### 高雄市鳥松區仁美國民小學校舍新建工程

Renmei Elementary School Campus Construction Project in Niasong.

### 楠梓新惠豐社區、仁武中華社區、岡山程香社區、六龜荖濃溪環境藝術促進會等 4 案

Sinhueifong in Nanzih District, Zhonghua in Renwu District, Chengsiang in Gangshan District, and Laonong River Environmental Art Promotion Association in Liouguei District.

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## 第 1 屆政府服務獎

The 1<sup>th</sup> Government Service Award

### 建構友善動物特區 - 流浪動物理想生活

Building Animal-Friendly Zone – An Ideal Life For Stray Animals

專案規劃類

Project Planning Category

### 高雄市三民區第二戶政事務所

Sanmin District Second Household Registration Office, Kaohsiung City

整體服務類

Total Service category

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## 政府資料開放金質獎

Government Open Data Golden Award

地方政府項 第 3 名

Third place in local government category

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## 第 16 屆金檔獎

The 16<sup>th</sup> Records Management Golden Award

### 鳳山區第二戶政事務所

Fongshan District Second Household Registration Office, Kaohsiung City

優等

Excellent Award

## 地方政府落實推動食安五環改革政策

Local Government's Policy Reforming Program on Food Safety 5 Factors

第二名  
Second place

## 第 18 屆醫療品質獎

18<sup>th</sup> HQIC Award

凱旋醫院專案 - 不能放棄你 - 降低海洛因成癮治療個案尿液嗎啡篩檢陽性率  
Project to Kai-syuan psychiatric hospital - "Can't give up on you - reduce the positive rate of  
urine morphine screening in heroin addiction treatment cases."

銅牌獎  
Bronze award

## 2018 總統盃社會創新黑客松

2018 Presidential Hackathon Prize - Social Innovation

救急救難一站通專案

One-stop solution for Emergency Rescue and Medical data Network management.  
one-stop solution for emergency data management

卓越團隊獎  
Excellence Team Award

## 第 6 屆全國呼吸道插管暨 CPR+AED 競賽

6<sup>th</sup> National endotracheal intubation and CPR+AED competition

呼吸道插管組及 CPR 組

The endotracheal intubation Group and CPR Group.

呼吸道插管組 第 3 名、優異獎  
Endotracheal intubation group  
3rd place - Excellence Award  
CPR 組 優異獎  
Excellence Award in the CPR group

## 性別平等創新獎

Gender equality Innovation Award

孕作幸福 - 新住民孕產婦跨文化身心健康精進計畫

New immigrant cross culture physical and mental health plan for pregnant women

創新獎  
Innovation Award

## 2018 美國布蘭登霍爾集團卓越學習獎

2018 Brandon Hall Group Excellence Awards , U.S.A

數位課程「一看就懂的公民審議與參與式預算」

E-Course: "Citizen Review and Participatory Budgeting 101"

最佳客製內容金牌獎  
Best Advance In Custom  
ContentGold Medal Award

## 人才發展品質管理系統評核等級證書

Talent Quality-management System , TTQS

市立空中大學

Open University of kaohsiung City

企業機構版

Corporate Organization

銅牌

bronze medal

訓練機構版

Training Organizatio

銅牌

bronze medal

## 2018 親子天下教育創新 100 選

2018 Top 100 Parent-Child Education Innovations

北高雄創新學園

Northern Kaohsiung innovation campus

入選 \*2

Selected\*2

用程式翻轉城市

Using programming to transform the City

## 2018 第七屆台灣活動卓越獎

The 7th Taiwan Event Awards — Excellence Award

2018 高雄內門宋江陣

2018 Neimen Song Jiang Battle Ritual

公共服務類 佳作獎

Special Award in Public

Service category

## 2018 台灣好行路線考評

2018 Evaluation on the Taiwan Tourist Shuttle routes

哈佛快線

Buddhist Pilgrim Express

第一名

first places

大樹祈福線

Dashu Shuttle Bus

第二名

Second places

## 十大公辦好展覽

Top 10 Publicly-funded Exhibitions in Taiwan

靜河流深

Still Waters Run Deep

第 1 名

1st place

裸

Nude: Masterpieces from Tate

第 4 名

4th place

大自然奇幻的光影：林惺嶽  
Lin Hsin-yueh : Magical Light and Shadow in Nature

第 6 名  
6th place

空間、詩、人：李光裕  
Space, Poetry and People: Art of Lee Kuang-yu

第 10 名  
10th place

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## 2018 金曲獎

2018 Golden Melody Awards

桑梅絹作品—「思念」、「渲染」  
Sang Mei-Chuan, two works - Lju li ma (Nostalgic Lullaby) and  
Seredau (Rendering)

最佳原住民女歌手  
Best Indigenous Singer

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## 金點設計獎

Golden Pin Design Award

空間設計類 - 公共空間  
Space Design Category—Public Space

空間設計類  
Space Design Category

---

## 日本優秀設計獎

Good Design Award , Japan

林志峰 (建築師) — 貨櫃藝術 "軌道的痕跡"  
Lin Chih-feng, an architect - Container Art "Runway of Life"

優秀設計獎  
Good Design Award

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## 2018 台灣室內設計大獎

Taiwan Interior Design Award

高雄市立美術館 -104、105 展覽室空間重塑  
Renovation of Galleries 104 and 105 - Kaohsiung Museum of  
Fine Arts by Architerior Design

公共空間類 TID 獎  
The TID Award of Public Space

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## 2018 台灣光環境獎

2018 Taiwan Environment Lighting Award

哈瑪星光任務  
Illuminate Hamasen

2018 台灣光環境獎  
2018 Taiwan Environment Lighting Award

## 閱讀磐石獎

The award for BEST reader

高雄市立圖書館林園分館 - 藝起來閱讀 ~ 林園傳書香

Linyuan Branch, KPL

Reading in Art. Linyuan delivers book scents

高雄市立圖書館大樹二館 - 樂讀 · 閱讀在大樹

Dashu Second Branch, KPL Enjoy Reading. Dashu

閱讀推手 團體組 \*2

Reading promoter Group Award\*2

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## 第 1 屆金牌農村競賽

The First Golden Village Competition

高雄市大樹區龍目社區

Longmu Community, Dashu District, Kaohsiung City

銅牌獎

Bronze Medal

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## 全國「精饌米」有機米組

National "Fine Rice Awards", Organic Rice Group

大寮元品有機米

Daliao Yuan-pin Organic Rice

季軍

Third Place

---

## 100 MVP 經理人選拔

"100 MVP Manager" selection

民生醫院

Min-sheng hospital

服務創新

Service innovation

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## 2018 高齡友善健康照護機構典範選拔

2018 Age-Friendly Health Care Institution -National Competition

全國優良獎 \*3

Excellence Award\*3

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## 全國健康素材徵選競賽

Healthy Material Election- National Competition

銀獎

Silver Medal







# CHAPTER 1

## Introduction

- I. Brief History and Local Characteristics
- II. Humane Circumstances
- III. Geographical Environment
- IV. Traffic Transportation
- V. Organization and Duties of City Government
- VI. Organization and Functions of the City Council





# I 、 Brief History and Local Characteristics

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## *City Development History*

### *1.The 16th and 17th century*

According to “Taiwan County Record ( 台灣府志 )” by Jiang Yu-Ying, Taiwan, in a distant past, used to be a remote outland populated by aborigines (including highland tribes and plain aboriginals). The Makatao, the plain aboriginals, used to live around Ci-jin which was called Takao in the 16th and 17th centuries. The Netherlanders called it Tankoya and the Han people transliterated the name directly into Takao( 打狗 ) in Chinese. The name Takao was firstly deciphered as “bamboo forest” before Wong Jia-Yin translated Takao as “place where waves lap sea shore” according to ancient Dutch.

Takao was a natural harbor situated in the south-west of Taiwan. The juncture of warm and cold currents brought abundant water fowl, particularly the valuable striped mullet in winter. Fishermen from China benefited from Takao’s natural resources and Takao became their fishing farm. Around 1560s, Takao was occupied by Chinese and Japanese pirates; soon it became an important smuggling hub for Chinese and Japanese businessmen.

The plain aboriginals in Takao either found shelter in the highland or fled to A-Hou-Lin (the present Renwu Township in Kaohsiung County) or A-Hou-She (the present Pingtung).

In “East-West Maritime Record ( 東西洋考 )” published in 1617, we learn that Ke-lan (present Keelung), Dan-shuei and Takao are listed as major harbors along shipping lane in Eastern sea.

### *2.Dutch Occupation Period (1624-1662)*

In 1628, the Dutch stationed a ship with 20 soldiers on board in Takao. During that time, Takao played an important role in fishery since every year

over two hundreds Chinese fishing boats came there to fish. On the other hand, Takao provided Tayovan residents its rice, salt, lime, woods and rattans, the basic consumer goods.

In 1634, Liou Siang the pirate raised an army in Takao to raid Zeelandia with failure. He withdrew to Takao and had a fight with “the Savages”(plain aboriginals) when looking for water along the seashore. About 20 to 30 people were killed in this battle and Liou Siang was forced to run away again. Through this event, we can learn that the Makatao, the plain aboriginals, were still well established in Takao area.

By 1642, the Dutch had successfully taken control of whole Taiwan. A tax system was set up to impose fishing tax to Chinese fishermen and to levy on Makatao’s rice for unpaid taxes. Takao area became a paradise for the Dutch to get living goods and materials due to its abundant woods, rattans and lime.

### *3.Koxinga (Jheng Cheng-Gong) Period (1661-1683)*

May 1661 (April, Yong-Li 15th year), Koxinga seized Provintia and claimed it as Dong-Du(East Capital). He then established the highest administrative organization in Taiwan, named Cheng-Tian Fu and two counties (Wan-Nian and Tian-Sing). Takao was under the administration of Wan-Nian County. In July, Koxinga commended his troops to clear the wasteland in Takao area for cultivation, including Zuo-Ying, You-Chong (present You-Chang), Cian-Jhen and Hou-Jin. Later on, these important military cultivation areas were developed into villages.

In 1673 (Yong-Li 27th year), Syu A-Hua, a fisherman, sheltered from typhoon in Takao port.



He discovered that there were no Han people living in Ci-Hou (present Ci-jing) and that it was rather convenient to go fishing. Syu A-Hua later came back to Ci-Hou and settled down along with six families from his hometown. Ci-Hou village gradually developed, the villagers gathered and built Ma-Zu temple to guard their life.

#### *4. Qing Dynasty (1684-1895)*

Takao was ruled by Fong-Shan County. The County Jurisdiction was set up in Sing-Long Village, Zuo-Ying, however, the officers worked in Fu-Cheng (present Tainan). In 1704 (Kang-Ci 43rd year), Song Wun-Cing, the County Magistrate, established the County Hall in Sing-Long Village under orders. In 1721 (Kang-Ci 60th year), the Jhu Yi-Guei Event occurred and in the following year a clay-made castle was built up and equipped with four gates opening on four directions. It was located between Turtle Mountain and Snake Mountain. It was the first moated clay-made castle which the Qing Government built in Taiwan. After the Lin Shuang-Wun Event, the County Hall was moved to Bei-Tou Street (present Fong-Shan City) in 1788 (Cian-Long 53rd year). Zuo-Ying became the old town after the New Town was build with bamboos in Fong-Shan.

Around 1710 (End of Kang-Ci Period), encouraged by the government, more than 20 salt farmers from Jhang-Jhou in China came to Takao lagoons to cultivate salt farms. Lai-Nan saltern was developed afterwards a saltern village. The prosperous Yan-Chen district was in fact the former saltern.

In 1837 (Dao-Guang 17th year), Fong-Shan Magistrate Cao-Jin endeavored to upgrade local irrigation projects. He constructed Da-Bei Lake, Lian-Chih Pond and dredged canals. For the purpose of irrigation, Cao-Jin went to Dan-Shuei River (present Kao-Ping River) to channel water. Ever since, Fong-Shan Plain and Takao Plain, which produced abundance of rice and sugar, became known as “lands of abundance”. Takao port also became the major exporting harbor for rice and

sugar. A proverb in southern Taiwan goes “Golden Fong-Shan, Silver Jhu-Luo”.

In 1858 (Sian-Fong 8th year), the Treaty of Tianjin obliged the Qing Government to open up four harbors: Dan-Shuei, Ke-lan (present Keelung), An-Ping and Takao. Takao Harbor was officially operated in 1863 (Tong-Jhih 2nd year). Customs were established in 1864 (Tong-Jhih 3rd year) and in the same year, the United Kingdom set up a vice-consulate, which was upgraded into a consulate in 1865. From that moment on, Taiwan and Takao entered the international commercial business and gradually modernized.

In 1865 (Tong-Jhih 4th year), Dr. J. Maxwell, a Presbyterian priest from Scotland, arrived in Takao on May 28th a day that became the official memorial day for the Christian missionaries who work in Taiwan.

In 1887 (Guang-Syu 13th year), Taiwan was officially designated as a province, ruling Taipei Fu, Taiwan Fu and Tainan Fu. Takao was under command of Tainan Fu.

In 1895 (Guang-Syu 21st year), Treaty of Shimonoseki obliged the Qing Government to cede Taiwan to Japan. The 212-year dominion of the Qing Dynasty over Taiwan came to an end.

#### *5. Japanese Period (1895-1945)*

In 1908 (Meiji 41st year), the Japanese constructed Takao harbor, which is -9 meters in depth and has a capacity of 3000 to 5000 tons ships. In coordination with the harbor construction projection, in 1912, a reclaim land from the sea was made and subsequently the first new city, Hamasen, was built as an administrative and financial center. Later on, the second new city Yan-Chen-Pu was built as a commercial center. New industries, such as petroleum refinement, aluminum manufacturing, cement and shipbuilding, developed because of the expansion and modernization of the harbor. Plenty of commercial opportunities also encouraged immigration from other places.



In 1920 (Taisho 9th year), Takao was renamed Kaohsiung State, and ruled nine counties: Kaohsiung, Fong-Shan, Gang-Shan, Ci-Shan, Ping-Dong, Chao-Jhou, Dong-Gang, Heng-Chun and Penghu. Nine counties, six streets, 44 villages, 126 aboriginal communities were under the command of Kaohsiung State. Kaohsiung County commanded over Kaohsiung Street, Nan-Zih Village, Zuo-Ying Village, Ren-Wu Village and Yan-Chao Village.

In 1924 (Taisho 13th year), Kaohsiung County was elevated to the position of Kaohsiung City. Kaohsiung City Hall was situated in Hamasen under the jurisdiction of Kaohsiung State. Hereupon, with growing central region Kaohsiung City was reconstructed into a whole new city by the Japanese. Kaohsiung harbor also became a modern harbor for ships. Hereafter, Kaohsiung is known as second largest city in Taiwan ahead of Tainan and Keelung.

In 1939 (Showa 14th year), Kaohsiung City Hall moved to the western bank of the Love River. In 1941 (Showa 16th year), Kaohsiung Rail Station was built on Jian-Guo 2nd Road. In 1945 (Showa 20th year), the Japanese were defeated in the Pacific War and withdrew from Taiwan after 51 years of occupation.

### *6. Republic of China (1945- )*

In 1945 (ROC 34th year), the KMT Government took over Taiwan and Kaohsiung City was under the jurisdiction of Taiwan Administration Office. In 1946 (ROC 35th year), Kaohsiung City was divided into ten districts: Nan-Zih, Zuo-Ying, Ci-jin, Gu-Shan, Yan-Chen, Cian-Jing, Ling-Ya, San-Min, Sin-Sing and Cian-Jhen. The population was 130,000. The next year, Kaohsiung City was under the administration of Taiwan Provincial Government. In 1956 (ROC 45th year), the population had reached an amount of 440,000.

On July First, 1979 (ROC 68th year), the population was over a million. Ever since, Kaohsiung City was directly under the jurisdiction of Central Government and Siao-Gang village was upgraded into the eleventh district of Kaohsiung

City, Siao-Gang District. Thus, Kaohsiung City was the only municipality owning both international commercial harbor and airport. In 1994 (ROC 83rd year), the first Mayor of Kaohsiung City was elected by the citizens. In June, 2001 (ROC 90th year), the population was approaching the amount of 1,500,000, Kaohsiung had become the major harbor and metropolis with 1,510,000 population of Southern Taiwan.

In 1975 (ROC 64th year), the second Kaohsiung Harbor was constructed. -16 meters in depth, a capacity of 100,000 tons ships, added to the 30,000 tons ships in the first harbor, this made of Kaohsiung Harbor one of the ten major harbors in the world. In 1981 (ROC 70th year), Kaohsiung was the fifth largest container transportation harbor, number four in 1985 (ROC 74th year) and number three in 1987 (ROC 76th year) worldwide.

As Taiwan High Speed Rail and Kaohsiung Mass Rapid Transit have been completed and are in service and port reconstruction is continuing, Kaohsiung Harbor City possesses enormous potential as Taiwan's ocean capital.

### *7. Since the Merger of the City and the County (2010-Present)*

On December 25, 2010, Kaohsiung City and County were officially merged with a total area of about 2,946 square kilometers and a population of 2,770,000. It is divided into 38 districts. It is the largest city in area of the five municipalities that are governed directly under the central government of Taiwan.

In 2013, Kaohsiung Exhibition Center was completed and became the first landmark in Asia's New Bay Area in Kaohsiung. It is Taiwan's first international exhibition center that neighbors a harbor and the only exhibition space in Taiwan that can accommodate the demand for large machinery and ship exhibitions. The very same year, Kaohsiung City achieved excellent results at the "The LivCom Awards " - 4 golds, 3 silvers, and 3 bronzes. The number of gold prizes and the total number of prizes it received were the most among



all the cities of the world.

In 2014, Kaohsiung Main Public Library began operations. It is the largest municipally operated public library in Taiwan and features Taiwan's very first international picture book center.

In October 2015, Taiwan's first light rail system, the "Kaohsiung Circular Line," began its first test run from Lizihnei Station (C1) to Kaisyuan Jhonghua Station (C4), implementing a new transportation initiative for Kaohsiung City. It officially started operations in July 2016.

The phase 1 project of Kaohsiung Circular Light Rail Transit (Lizihnei Station to Hamasen Station) has been opened to traffic in September 2017, and started toll operation in November. Under the "Regeneration History Site" initiative, the Zuoying Old Town and Hamasen Restoration Projects were launched in 2017 to revitalize the cultural assets and preserve the valuable historical memories of Kaohsiung City.

## Local Characteristic

### 1. Commercial and industrial development

#### (1) Promote economic development:

- Continuous investments in Kaohsiung from domestically and globally renowned corporations.

##### A. Wistron Investment Expansion Project :

On January 5, 2018, Wistron Corp. held the inauguration ceremony for its "Wistron Kaohsiung R&D Center for ICT Products" (the second office), which is expected to bring in an investment of NT\$600 million and create 200 new jobs from 2018 to 2020.



Inauguration ceremony of Wistron R&D Center's second office

B. BAIS Cultural and Educational Group Investment Project : On January 28, 2018, BAIS Cultural and Educational Group held the inauguration and ribbon-cutting ceremony of "BAIS New World" and "BAIS Animation Dreamworks" at the Ciaotou Sugar Refinery to build the largest educational, cultural and creative base in northern Kaohsiung, providing multiple activity spaces, innovative exhibition platforms and a place to put educational and entertainment applications into practice. The project is expected to involve an investment of NT\$150 million in three years and create 50 to 100 jobs.

C. TESLA Investment Project : TESLA's first supercharger station in Kaohsiung was launched at the CSC Group Headquarters on February 6, 2018, with a total of 14 TESLA vehicle charging spaces. Among them, 6 are superchargers and 8 are destination chargers. It is currently the largest supercharger station in Taiwan; the investment is about NT\$10 million.

D. Tianying Digital Media Investment Project : DDTMAP Technology Ltd. moved its subsidiary, Tianying Digital Media Co., Ltd., southward to Kaohsiung on February 9, 2018, planning to invest NT\$20 million in three years in the fields of virtual nursing learning and immersive experiential learning. Using Kaohsiung as a verification test site and a base for overseas expansion, it is expected to create 40-45 jobs.



Somatosensory medical and education business Tianning Digital Media announced to move into Kaohsiung.



Groundbreaking ceremony for building the first phase of the Kaohsiung Plant of Taiwan Tohcello Functional Sheet, Inc.

**E. ASE Group K25 Plant Investment Project :** On April 3, 2018, ASE Group held the groundbreaking ceremony of its K25 plant at the second park of the Nanzih Export Processing Zone. Construction is expected to be completed in the first quarter of 2020, with an investment of about NT\$12.5 billion. The project aims to build a smart factory with high-end packaging technology and is expected to create 1,840 jobs.

**F. Japan Mitsui Chemicals Investment Project :** Nissho Mitsui Chemicals Group - Taiwan Tohcello Functional Sheet, Inc. held the groundbreaking ceremony for the first phase of its Kaohsiung Plant at the Kaohsiung Park of Southern Taiwan Science Park (STSP) on May 8, 2018. It is the first overseas base Mitsui Chemicals Group set up for producing its ICROSTM tape, which is used in the semiconductor manufacturing process. The company is expected to invest NT\$1.7 billion in production equipment.

**G. Jih Lin Technology Investment Project :** On May 8, 2018, Jih Lin Technology Co., Ltd. held the inauguration ceremony of its operational headquarters in the Nanzih Export Processing Zone. In view of the growing demands for new product development and capacity expansion, and to accelerate product R&D and mold design development, the company expanded its R&D center to strengthen R&D capacity. It is expected to invest NT\$450 million in building the operational headquarters and R&D center building and create 200 jobs.

**H. Somatosensory Technology EUE Investment Project :** Somatosensory technology operator EUE Tech Co. Ltd. held a press conference in Kaohsiung Software Technology Park (KSTP) on May 25, 2018 to announce its investment and stationing plan. The company signed a Letter of Intent with Compal Electronics, Fooyin University and Metal Industries Research & Development Centre (MIRDC) to invest NT\$29 million in the future to develop a digital anatomage table for medical personnel, as well as intelligent exercise mats and wearable sensing devices for training and rehabilitation.



LOI signing ceremony of EUE Tech Co., Ltd.

**I. Transverse Industries Investment Project :** On June 12, 2018, Transverse Industries Co., Ltd. stationed in MIRDC's Innovation Incubation Center to perform R&D for mass production process simulation of the laser gait guidance device, the production line operation mode and the clinical product verification. Based on the R&D progress in the future, it plans to move to the STSP Kaohsiung Park, with estimated investment up to NT\$130 million and the creation of 5 new jobs.

**J. Winbond Electronic Investment Project :** On October 3, 2018, Winbond held a groundbreaking ceremony at the STSP Kaohsiung Park. It is expected to invest NT\$335 billion to build a 12-inch wafer fabrication plant and recruit 2,500 senior-grade talents

**K. Magnate Technology Investment Project :** On October 26, 2018, Magnate Technology Co., Ltd. held the inauguration ceremony of the first phase of the Magnate No. 2 Plant, investing about NT\$200 million to build a factory integrating various aerospace special production lines, including heat treatment, shot peening, spraying, surface chemical treatment and nondestructive testing, etc.

- Improving Investment Incentives and Rewarding Local Investment

In order to consolidate the driving force for industrial development in Kaohsiung, ensuring balanced development of both manufacturing industries and knowledge-intensive key industries, and to encourage enterprises carrying out R&D work for key industries in Kaohsiung City, the Self-governance Regulations for Promoting Industrial Development of Kaohsiung City were amended and adopted in 2015, adding the eligibility for applying grants and subsidies for key developing industries and moving operational headquarters into Kaohsiung, etc. In addition, the Enforcement Measures Governing the Promotion of Industrial Development in Kaohsiung City were also amended to optimize the City's investment environment, with restructuring toward high added-value target industries.

In 2018, 8 R&D incentives and 10 investment subsidies, totaling 18 projects, were approved and granted. The total expected benefits from the execution are:

- A. Total investment: NT\$14,178,358,639.
- b. Job created: 2,726.

- Reaching out for overseas marketing and investment invitation and creating business opportunities for local manufacturers

A. Visiting Japan for business exchanges :

a. From March 4 to 10, 2018, the Bureau participated in "Foodex Japan2018" in Tokyo, jointly promoting Kaohsiung's high-quality agricultural specialties to the international market, thereby facilitating the City's economic development; arrangements were also made to visit key enterprises to further pursue cooperation opportunities between Japan and Kaohsiung.

b. From June 22 to 26, 2018, the Bureau's delegation went to Japan to seek persistent investments of Japanese businesses in Kaohsiung. Apart from visiting key enterprises, the "Kaohsiung



in Tokyo Investment Conference” was organized on June 25 to introduce the investment environment of Asia’s New Bay Area and the Ho Fa Industrial Park. A total of 75 people attended the conference; among them were 57 Japanese participants from biomedical, finance, insurance, telecommunications, and consultancy fields. The event generated lively interactions and enthusiastic interest from the attendees to invest in Kaohsiung.

- B. Visiting Europe for business exchanges : From April 14 to 22, 2018, the Bureau carried out a 2018 European aviation market exploration tour to extend business cooperation opportunities with internationally renowned aerospace plants such as the German branch of Rolls-Royce, the German branch of Airbus, GKN Aerospace, RUAG Aerostructures, Airbus Helicopter and Liebherr-Aerospace.
- C. Taiwan Expo in Indonesia : From March 27 to April 1, 2018, the City participated in the “Taiwan Expo 2018 in Indonesia”, setting up a Kaohsiung Pavilion, focusing on municipal marketing in the fields of economy, tourism, ocean and agriculture. An “Urban Experience Zone” was set up in the exhibition hall, using the theme of alight railcarriage as a VR pavilion to enable visitors to experience the beauty of Kaohsiung City through virtual reality, bridge emerging industries such as digital content business in Kaohsiung with international markets, and help businesses expand overseas.



Taiwan Expo 2018 in Indonesia

- D. Visiting the United States for business exchanges : From May 29 to June 4, 2018, the Bureau’s delegation went to San Francisco and Los Angeles in the United States to visit the international funtech exhibition site and exchange ideas with local enterprises, learning from the latest international somatosensory technology gathering, the “2018 AWE USA”, and meeting with businesses including Meta, Plug and Play, and Augmented Reality World Expo, as well as observing foreign funtech testing sites. The trip will help Kaohsiung’s funtech businesses develop international connection, enrich their industrial capacity and promoting cooperation with foreign players in technology, talent and innovation incubation.
- E. Taiwan Expo in Thailand : From August 30 to September 1, 2018, the Bureau led a somatosensory innovative team to participate in the “Taiwan Expo 2018 in Thailand”, displaying somatosensory related products, technologies or applications in the Kaohsiung Pavilion. During the exhibition, Zee-Mall Technologies, Inc. signed a Letter of Intention with Smartech Automation Parts Co. Ltd. of Thailand, and is expected to generate approximately NT\$50 million in sales within three years.





Taiwan Expo 2018 in Thailand

## (2) Promote industrial service

- Kaohsiung City Local Small Business Innovation and Research Promotion Program (Local SBIR)

Starting from 2008, the Local SBIR promotion program has approved a total of 749 R&D projects up to 2018, granting subsidies amounting to NT\$573.44 million, attracting investments of NT\$1,825.04 million and R&D funding of NT\$1,365.66 million in total, and generating an output value of NT\$2,344.40 million. 637 patents have been applied for or obtained through the program.



The 2017 Kaohsiung City Local SBIR Results Presentation on October 30, 2018.

- Digital Art Kaohsiung United Office (DAKUO)

To foster innovative companies and attract talents to take root in Kaohsiung, DAKUO is used as an “incubation base for the innovation and entrepreneurship team”, combining resources from the

industry, government, academia and the community to construct a digital, cultural and creative industry chain, and provide a friendly environment for youth innovation and entrepreneurship. Up to 2018, a total of 51 businesses have moved into DAKUO, developing more than 220 new products and creating more than 800 new jobs.

To promote the development of the game industry and accelerate the exchange of talents in the industry, the “Global Game Jam Demo Show” has been co-organized online globally every January since 2014, to facilitate technical exchange and cooperation of domestic and foreign game talents. To encourage independent game development teams and increase international connection of the local game industry, the “Kaohsiung Game on Weekend” has been held every August since 2014, scheduling international exchange forums, annual game exhibitions, game workshops, game development and creation camps, product presentations, etc.



DAKUO's 6th anniversary celebration

- M.ZONE – Dagang Maker Zone

Warehouse No. 8 of the Pier 2 Art Center has been made into a Maker Hub, and the “M.ZONE – Dagang Maker Zone” has been established in June 2016. Citizens are given chances to experience the fun of a maker through exhibitions and sharing sessions, course planning, community gathering, and organizing activities, thereby creating a maker clustering space. Connections have



been made with makers' associations, as well as with local corporations and industrial design-related academic institutions to create a unique maker atmosphere in Kaohsiung, making Kaohsiung a maker-friendly city. As of the end of December 2018, the zone has hosted 11 large-scale exhibitions and over 1,100 seminars, courses and activities, with at least 91,000 participants in total. Up to 2018, the "M.ZONE – Dagang Maker Zone" has attracted more than 400,000 visitors, 7,563 likes in its fan page and 100 members, and a Maker community has come into being.



M.ZONE - Dagang Maker Zone FAB@Kaohsiung Workshop Results Presentation

- KO-IN High Point - “Kaohsiung Smart Technology Innovation Park”

With the theme of developing Kaohsiung Smart City and its related smart technologies, and aiming at serve businesses and innovation teams that intend to develop smart city technologies and applications and put them into actual tests in Kaohsiung, the City Government designated the 13th and 14th floors of the Financial Services Building to be KO-IN High Point, to be named “Kaohsiung Smart Technology Innovation Park”, to provide them with development space, resources and opportunities. This initiative put together the capacities of the “Southern Taiwan Interdisciplinary Innovation Center” and integrates the R&D resources of the

industry, government, academia and research institutions in southern Taiwan, jointly cultivating innovative businesses in southern Taiwan, assisting in the transformation and innovation of existing industries, and facilitating the vigorous development of AI, IoT, BlockChain, and Fintech industry clusters. The venue is currently under renovation and expected to be officially launched for operation by the end of June 2019.



Diagram of KO-IN Kaohsiung innovative technology base

## 2. The Port of Kaohsiung

The Port of Kaohsiung covers an area of about 17,736 hectares. The 12-year expansion plan of the Port of Kaohsiung was initiated in 1958 and completed in 1970. In 1980, the Zhongdao Business Harbor District was completed. In 1975, the second harbor with diverse functions was completed, providing accommodation to container ships of up to 100,000 GT. In 1984, the cross-harbor tunnel was completed, allowing passage of vehicles and making the Port of Kaohsiung a modernized international cargo center. To meet an increasing demand for cargo handling, the construction of the fifth container terminal started in 1969. At present, the Port of Kaohsiung encompasses five container terminals to provide fast and well-rounded services to shipping companies. In response to the lack of deep-water wharves for bulk and general cargo, as well as the trend in building larger container ships, Pier 58 was modified for bulk and general cargo in 2001, and Piers 65 and 66 were modified into



deep-water wharves with a depth of 14.5 meters. Moreover, an access road improvement plan was carried out to improve access efficiency to the Port of Kaohsiung, thus increasing efficiency of transportation and facilitating the development of the Global Logistics Management Center.

In response to the trend of building larger container ships and an increasing demand for cargo handling, a BOT (build-operate-transfer) invitation to tender for the phase one construction of the Kaohsiung International Container Terminal was announced in August 2005, and the construction was completed in 2011. The phase two construction was started in 2011 and is scheduled to be completed in 2019. The first tender of seawalls and breakwaters for the phase two construction of the Kaohsiung International Container Terminal was completed in June 2018 ; Furthermore, in No.7 Kaohsiung International Container Terminal 5 Piers had been completely promoted under the procedure

of investment incentives by December, 2018 and are scheduled to be started for the operation in 2023. It is expected to improve the role of the Port of Kaohsiung as a hub in the Asia-Pacific region.

### *3. Abundant Fishery Resources*

Kaohsiung City plays a pioneering and important role in Taiwan's fishing industry. With the assistance of the government and the hard work of fishermen, the fishing industry has been flourishing rapidly. Since 1979, annual catches have grown year after year from the initial 286,061 tons to approximately 510,000 tons in 2017. Moreover, fishing activities have extended from coastal and offshore areas to waters across the world. With 73 distant-water fishing bases, Taiwan has made it to one of the top six distant-water fishing countries in the world.

## *II 、 Humane Circumstances*

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### *Demographic Profile*

#### *1. The Overall Population and Number of Households*

After the merging of Kaohsiung City and County on December 25, 2010, the Greater Kaohsiung (hereafter referred to as the City) became the second most populated city with the largest land coverage in Taiwan. A total of 2,773,533 resided in the City as of the end of 2018.

For the number of households in the City, a total of 1,099,955 (an average of 2.52 people per household) were elucidated as of the end of 2017.

#### *2. Birth Rate, Mortality Rate and Natural Increase Rate*

The City has demonstrated a decreasing birth rate and an increasing mortality rate since 1980. However, the birth rate rebounded in 2011 and rose further in 2012, which was the Year of the Dragon. Between 2009 and 2018, a total of 214,874 births were elucidated, for an annual average birth rate of 7.74‰ ; a total of 198,276 deaths were elucidated, for an annual average mortality rate of 7.15‰ ; and a total of 16,598 natural increases were elucidated, for an annual average natural increase rate of 0.59‰ . In 2018 alone, a total of 20,107 births were elucidated, for a birth rate of 7.25‰ , while a total of 21,496 deaths were elucidated, for a mortality rate of 7.75‰



### *3. Move-out Rate, Move-in Rate and Social Increase Rate*

A total of 1,291,267 people moved into the City between 2009 and 2018, for an annual average move-in rate of 46.38% , while a total of 1,303,386 people moved out of the City, for an annual average move-out rate of 46.82% . Therefore, the social increase was -12,119, for an annual average social increase rate of -0.44 % . In 2018 alone, a total of 113,497 people moved into the City, for a move-in rate of 40.90 % , while a total of 115,487 people moved out of the City, for a move-out rate of 41.61 % . Therefore, the social increase was -1,990, for a social increase rate of -0.72% .

### *4. Annual Population Growth and Movement*

Between 2009 and 2018, the population of the City increased by 4,479 in 10 years, for an annual average growth of 448 or an annual average growth rate of 0.15 % . In 2018 alone, the population increased by -3,379, for an increase rate of -1.22% .

### *5. Population Distribution by Age*

The City has demonstrated a decreasing juvenile population and an increasing senior population in recent years. A total population of 2,773,533 were elucidated as of the end of 2018, among which 331,992 (12.0%) were between the ages of 0 and 14, while 416,436 (15.0%) were senior citizens over the age of 65.

### *6. Population Distribution and Density*

Following the merging of the former Kaohsiung City and County on December 25, 2010, the City demonstrated a significant increase in territory, covering the largest land area in Taiwan. As of the end of 2018, the City occupied a total land area of 2,947.6159km<sup>2</sup> , with a population density of 940 people/km<sup>2</sup> .

### *7. Sex Ratio and Marital Status*

A total of 2,773,533 people resided in the City as of the end of 2018, among which 1,371,957 were men and 1,401,576 were women. The sex ratio (the number of men per 100 women) was 97.89%. Regarding marital status, a total of 1,186,282 people were single, which accounts for 42.77% of the population; 1,189,347 people were married (42.88%); 231,112 people were divorced (8.33%); and 166,792 people were widowed (6.01%).

### *8. Education Status of Residents*

As of the end of 2018, the number of residents aged 15 and above was 2,441,541, which accounts for 88.03% of the total population of the City. Based on level of education of those aged above 15, a total of 908,932 people held a bachelor's degree or had graduated from junior college, 798,043 people had graduated from senior high school or vocational high school, 397,877 from junior high school, and 336,689 from elementary school and below.



Table 1-1 Natural Growth of Population in the City between 2009 and 2018

	Number of Births	Number of Deaths	Natural Increase	BirthRate	Death Rate	Natural Increase Rate
2009	21,077	18,189	2,888	7.65	6.63	1.02
2010	18,684	18,001	683	6.70	6.55	0.16
2011	21,411	18,845	2,566	7.72	6.79	0.93
2012	24,963	18,945	6,018	8.99	6.82	2.17
2013	21,626	19,277	2,349	7.78	6.94	0.85
2014	22,520	20,282	2,238	8.10	7.30	0.81
2015	22,469	20,508	1,961	8.09	7.38	0.71
2016	21,757	21,365	392	7.83	7.69	0.14
2017	20,260	21,368	-1,108	7.29	7.69	-0.40
2018	20,107	21,496	-1,389	7.25	7.75	-0.5

Table 1-2 Social Increase / Decrease of Population in the City between 2009 and 2018

	Number of Move-in	Number of Move-out	Number of Increase	Move-in Rate	Move-out Rate	Social Increase Rate
2009	145,198	146,253	-1,055	51.69	52.14	-0.45
2010	141,383	139,470	1,913	50.42	49.68	0.74
2011	140,697	142,276	-1,579	50.72	51.29	-0.57
2012	138,552	140,381	-1,829	49.86	50.52	-0.66
2013	132,384	133,515	-1,131	47.62	48.03	-0.41
2014	127,173	130,296	-3,123	45.75	46.88	-1.12
2015	120,208	122,243	-2,035	43.26	43.99	-0.73
2016	117,099	117,038	61	42.13	42.11	0.02
2017	115,076	116,427	-1,351	41.42	41.91	-0.49
2018	113,497	115,487	-1,990	40.9	41.61	-0.72



Table 1-3 Age Distribution of Population in the City as of the End of 2018

Region	Age	Total		
		Overall	Male	Female
Kaohsiung City	Total	2,773,533	1,371,957	1,401,576
Kaohsiung City	Under 15	331,992	172,497	159,495
Kaohsiung City	Aged 15 ~ 19	150,488	78,174	72,314
Kaohsiung City	Aged 20 ~ 24	178,679	92,538	86,141
Kaohsiung City	Aged 25 ~ 29	185,012	95,938	89,074
Kaohsiung City	Aged 30 ~ 34	190,984	97,395	93,589
Kaohsiung City	Aged 35 ~ 39	234,676	116,269	118,407
Kaohsiung City	Aged 40 ~ 44	232,804	114,320	118,484
Kaohsiung City	Aged 45 ~ 49	218,796	107,540	111,256
Kaohsiung City	Aged 50 ~ 54	218,091	107,917	110,174
Kaohsiung City	Aged 55 ~ 59	215,731	104,271	111,460
Kaohsiung City	Aged 60 ~ 64	199,844	94,496	105,348
Kaohsiung City	Aged 65 ~ 69	167,998	78,576	89,422
Kaohsiung City	Aged 70 ~ 74	92,446	42,763	49,683
Kaohsiung City	Aged 75 ~ 79	72,189	32,062	40,127
Kaohsiung City	Aged 80 ~ 84	45,416	18,981	26,435
Kaohsiung City	Aged 85 ~ 89	25,615	11,943	13,672
Kaohsiung City	Aged 90 ~ 94	10,451	5,230	5,221
Kaohsiung City	Aged 95 ~ 99	2,072	936	1,136
Kaohsiung City	Above 100	249	111	138



Table 1-4 Marital Status Ratio of the City as of the end of 2018

Region	Age	Single	Married	Divorced	Widowed
Kaohsiung City	Total	1,186,282	1,189,347	231,112	166,792
Kaohsiung City	Under 15	331,992	0	0	0
Kaohsiung City	Aged 15 ~ 19	150,160	278	49	1
Kaohsiung City	Aged 20 ~ 24	172,664	4,978	1032	5
Kaohsiung City	Aged 25 ~ 29	154,866	26,471	3,633	42
Kaohsiung City	Aged 30 ~ 34	109,178	72,694	8,829	283
Kaohsiung City	Aged 35 ~ 39	86,220	126,873	20,609	974
Kaohsiung City	Aged 40 ~ 44	62,467	137,312	30,899	2,126
Kaohsiung City	Aged 45 ~ 49	42,852	136,098	36,001	3,845
Kaohsiung City	Aged 50 ~ 54	30,138	143,465	37,719	6,769
Kaohsiung City	Aged 55 ~ 59	20,508	148,199	34,798	12,226
Kaohsiung City	Aged 60 ~ 64	12,382	141,044	27,149	19,269
Kaohsiung City	Aged 65 ~ 69	6,994	116,123	17,636	27,245
Kaohsiung City	Aged 70 ~ 74	2,534	60,078	6,794	23,040
Kaohsiung City	Aged 75 ~ 79	1,427	41,582	3,487	25,693
Kaohsiung City	Aged 80 ~ 84	866	20,961	1,390	22,199
Kaohsiung City	Aged 85 ~ 89	520	9,578	708	14,809
Kaohsiung City	Aged 90 ~ 94	368	3,165	310	6,608
Kaohsiung City	Aged 95 ~ 99	117	415	65	1,475
Kaohsiung City	Above 100	29	33	4	183



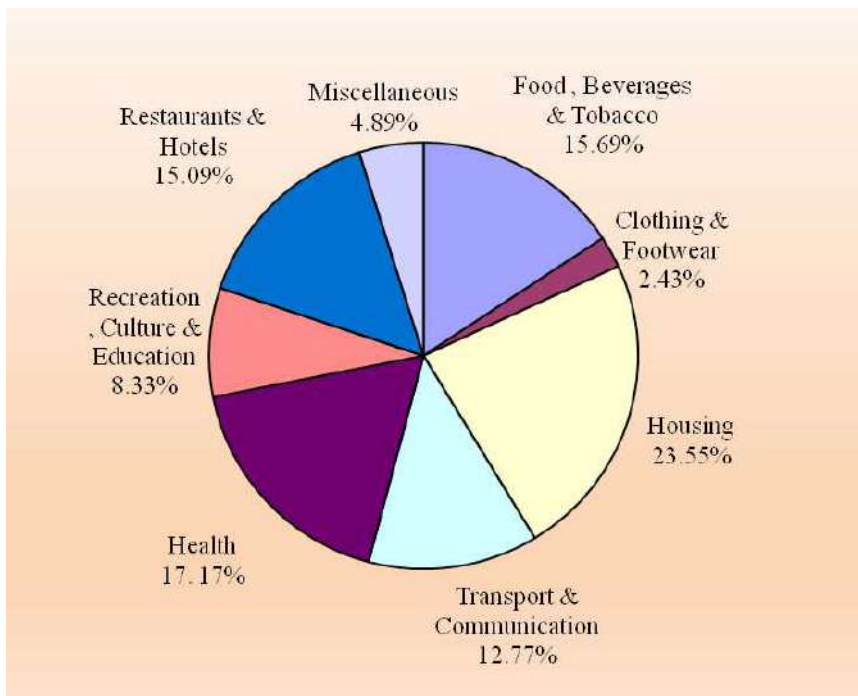
## Family Income & Expenditure

The results of Family Income and Expenditure Survey in Kaohsiung City indicate that the average total annual household receipts was NT\$1,219,246 in 2018, increased by 2.79% from 2017. Among which in annual household receipts, compensation of employees stood the first place at 56.20%, followed by current transfer receipts combined with miscellaneous at 20.74%, entrepreneurial income at 14.65% and property income at 8.41%. Besides, the average annual household expenditure in 2018 was NT\$793,253 decreased by 0.30% from 2017. Among which in annual household consumption, food, beverages & tobacco stood at 15.77%, clothing & footwear at 2.43%, housing (including housing, water, electricity, gas, other fuels, furnishings, household equipment and

routine household maintenance) at 23.55%, transport & communication at 12.77%, health at 17.17%, recreation, culture & education at 8.33%, restaurants & hotels at 15.09%, and miscellaneous at 4.89%.

According to the statistics in household consumption expenditure, the percentage of housing expenses stood the first place at 23.55% in 2018, followed by health expense at 17.17%, food, beverages & tobacco expense at 15.77%, restaurants & hotels expense at 15.09%, transport & communication expense at 12.77%. With the growth of the economy and change of the consumption habits housing, people spending on housing expenses increased. Health expense is increased by 1.01% from 2017, increased by 0.30 percentage points from 2017.

Figure 1-1 The average annual consumption per household in 2018, in Kaohsiung City







### III 、 Geographical Environment

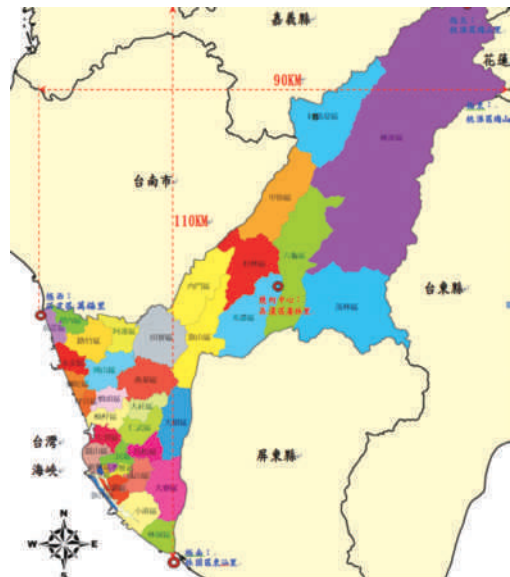
#### *Geographic Description and Location*

The Greater Kaohsiung area, which encompassed the former Kaohsiung City and Kaohsiung County, appears in a long and narrow shape with a north-south length of approximately 110 km and with a maximum east-west width of 90 km. The measurement of the City is 2,948 km<sup>2</sup>. Taoyuan District has an area of 949.63km<sup>2</sup>, and is the largest district in the City. Yancheng District has an area of 1.64 km<sup>2</sup>, and is the smallest one. Jhihtou Mountain, which is to the east of Kaohsiung, in Taoyuan District adjoins Hualien County and Taitung County while the City extends to the Taiwan Strait to the west. The southernmost area of the City is the southern end of Shanwei in Linyuan District, which borders Pingtung County. Subsequently, the City exercises jurisdiction over Dongsha Island in the South China Sea and Taiping Island of the Spratly Islands. The peak of Jade Mountain in Taoyuan District in the north adjoins Chiayi County and Tainan County. Regarding location, the City is situated at longitude 120° 10'29"E to 121° 02'55"E and latitude 22° 28'32"N to 23° 28'17"N. The easternmost village in the City is Meishan Village, Taoyuan District (at longitude 121° 02'55"E and latitude 23° 19'30"N); the westernmost is Fude Village, Jiading District (at longitude 120° 10'29"E and latitude 22° 54'37"N); the southernmost is Dongshan Village, Linyuan District (at longitude 120° 24'47"E and latitude 22° 28'32"N) ; and the northernmost is Meishan Village, Taoyuan District (at longitude 120° 58'03"E and latitude 23° 28'17"N; see Figure).

Regarding the mountains and rivers in the City, the Central Mountain Range, Alishan, and Jade Mountain run from the north to the south, and Erren River, Agongdian River, Dianbao River,

Houjing River, and Gaoping River run from the east to the west. Approximately 52% of the City area is occupied by mountains, with the highest mountain being the southern peak of Jade Mountain in Taoyuan District (elevation = 3,844 m). The remaining 48% of the City area is covered by hills and plains. The coastal area around the City is flat coast, which is straight and rising, and presents numerous lagoons and sand bars. The Port of Kaohsiung and Zuoying Naval Port are built on these lagoons and the island of Cijin is formed by sand bars.

Figure 1-2 Kaohsiung area full map





## IV 、Transportation

### Air Transport

#### 1. Transport

Number of Passengers and Cargo Volume of Kaohsiung International Airport (Table 1-5 and Table 1-6)

Table 1-5 Statistics of Passenger Volume

Unit : Passengers

Year	Number of Passengers			Growth Rate
	Domestic Flights	International Flights	Total	
2011	1,168,059	2,882,354	4,050,413	-0.06%
2012	1,271,599	3,193,327	4,464,926	10.23%
2013	1,243,457	3,402,463	4,645,920	4.05%
2014	1,200,962	4,195,966	5,396,928	16.16%
2015	1,138,281	4,863,206	6,001,487	11.2%
2016	1,283,724	5,129,504	6,413,228	6.86%
2017	1,293,076	5,184,918	6,477,994	1.01%
2018	1,335,902	5,633,599	6,969,501	7.05%

Source: Kaohsiung International Airport, CAA, MOTC

Table 1-6 Statistics of Air Cargo Volume

Unit : Tons

Year	Volume of Air Cargo			Growth Rate
	Domestic Flights	International Flights	Total	
2011	3,670.0	51,688.4	55,364.4	-14.63%
2012	3,498.3	50,605.6	54,103.9	-2.28%
2013	3,749.4	51,362.6	55,112.0	1.86%
2014	4,008.5	64,758.6	68,765.1	24.77%
2015	3,340.9	59,690.3	63,031.2	-8.34%
2016	3,108.7	68,334.8	71,443.5	13.35%
2017	2,874.5	77,565.1	80,439.6	12.59%
2018	3,171.8	70,311.9	73,483.7	-8.65%

Source: Kaohsiung International Airport, CAA, MOTC



## Sea Transport

### 1. Shipping

The Port of Kaohsiung is the largest international commercial harbor in Taiwan; it is not only a major harbor in Southern Taiwan for the importation and exportation of goods, but also one of the major transshipment hubs in the world. Along

with its superior natural port environment, the Port of Kaohsiung offers excellent services for carriers, including well-equipped port facilities, reasonable shipping costs and high operation efficiency. With its worldwide trade linked network of carriers, the port amplifies the trade competitiveness of Taiwan.

### 2. Volume of Cargo Handled and Stevedored (Table 1-7 and Table 1-8)

Table 1-7 Volume of Cargo Handled

Unit : Tons

Year	Total	Imports	Exports
2011	123,931,900	87,204,585	36,727,315
2012	120,756,000	84,392,281	36,363,719
2013	115,034,300	79,659,474	35,374,826
2014	122,950,812	86,056,642	36,894,170
2015	110,901,929	76,330,983	34,570,946
2016	116,620,816	80,139,224	36,481,592
2017	116,070,972	81,425,957	34,645,015
2018	118,797,570	83,947,266	34,850,304

Source: 1. Statistics Search Site, MOTC (<http://stat.motc.gov.tw>)

2. This table was compiled according to the data of import and export declaration forms of the Directorate General of Customs, and thus has a two-month lag.

Table 1-8 Volume of Cargo Stevedored

Unit : Revenue Tons

Year	Total	Loaded			Unloaded		
		Sub-Total	Containerized	Bulk & General	Sub-Total	Containerized	Bulk & General
2011	437,641,572	191,246,889	173,593,233	17,653,656	246,394,683	173,313,153	73,081,530
2012	440,301,297	194,913,900	176,563,341	18,350,559	245,387,397	175,560,615	69,826,782
2013	441,452,925	196,039,888	178,392,087	17,647,801	245,413,037	179,365,797	66,047,240
2014	467,809,429	209,143,380	191,124,000	18,019,380	258,666,049	190,236,069	68,429,980
2015	450,383,327	201,337,590	184,941,180	16,396,410	249,045,737	184,577,949	64,467,788
2016	456,376,592	205,105,523	187,581,816	17,523,707	251,271,069	187,203,744	64,067,325
2017	450,042,900	202,631,469	184,155,948	18,475,521	247,411,431	183,405,132	64,006,299
2018	458,925,457	205,735,097	186,562,134	19,172,963	253,190,360	186,966,549	66,223,811

Source: Statistics Search Site, MOTC (<http://stat.motc.gov.tw>)





## Land Transport

### 1. Public Transport

The number of passengers transported in 2018 by public transportation systems of Kaohsiung City was 137,583,911 passengers. (Table 1-9)

Table 1-9 Statistics of the Annual Number of Passengers Transported  
by the Public Transportation Systems of Kaohsiung City

Year	City Bus	KMRT	Total Number of Passengers Transported by the Public Transportation Systems
2011	41,106,365	49,636,631	90,742,996
2012	45,291,573	56,480,381	101,771,954
2013	46,773,873	60,692,697	107,466,570
2014	58,532,069	61,308,024	119,840,093
2015	65,896,223	60,203,487	126,099,710
2016	65,710,340	63,920,699	129,631,039
2017	67,733,243	66,467,415	134,200,658
2018	69,497,698	68,086,213	137,583,911

Note: Since 2014, the number of passengers transported by the taxi system, the water bus system and the public bicycle system are all included in the city bus system.

The number of passengers transported by the KMRT system since 2016 includes light rail passengers.

Source: Transportation Bureau of Kaohsiung City Government

### 2. Watercraft

In 2018, Kaohsiung City Shipping Co., Ltd. had 9 ferries, 3 cruise boats and 12 solar boats offering recreational (transportation) services on the Love River and the Port of Kaohsiung. (Table 1-10, Table 1-11 and Table 1-12)

Table 1-10 Operating Status of Ferries (Kaohsiung City)

Year	Quantity (Boats)	Routes	Voyages (No.)	Passengers	Operating Income (NT\$)	Average No. of Passengers per Boat
2011	9	3	133,496	6,441,548	83,676,464	715,728
2012	9	3	133,731	6,762,576	89,340,112	751,397
2013	9	3	133,369	7,099,032	92,524,264	788,781
2014	8	3	121,149	7,050,177	89,960,410	881,272
2015	8	3	134,880	6,722,846	107,614,307	840,356
2016	8	3	129,842	6,301,727	117,399,289	787,716
2017	8	3	128,635	6,190,187	112,509,256	773,773
2018	9	3	131,950	6,383,114	101,200,902	709,235

Source: Kaohsiung City Shipping Co., Ltd



Table 1-11 Operating Status of Cruise Boats (Kaohsiung City)

Year	Quantity (Boats)	Routes	Voyages (No.)	Passengers	Operating Income (NT\$)	Average No. of Passengers per Boat
2011	2	1	1,483	47,053	9,188,895	23,527
2012	2	2	417	27,549	9,503,984	13,775
2013	2	2	488	32,370	8,574,700	16,185
2014	2	2	836	39,178	11,272,938	19,589
2015	3	3	314	20,065	9,274,719	6,688
2016	3	3	406	21,928	9,104,651	7,309
2017	3	3	98	7,695	2,894,222	2,565
2018	3	3	255	26,811	4,957,207	8,937

Source: Kaohsiung City Shipping Co., Ltd

Table 1-12 Operating Status of Love / Solar Boats (Kaohsiung City)

Year	Quantity (Boats)	Routes	Voyages (No.)	Passengers	Operating Income (NT\$)	Average No. of Passengers per Boat
2011	Love Boat	15	1	7,126	31,873,107	36,670
	Solar Boat	5	1	11,987		
2012	Love Boat	5	1	2,567	31,749,920	39,420
	Solar Boat	8	1	15,779		
2013	Solar Boat	10	1	17,219	43,408,206	53,643
2014	Solar Boat	12	1	14,064	37,073,263	39,479
2015	Solar Boat	12	1	13,025	28,544,011	32,713
2016	Solar Boat	12	1	10,783	15,739,115	25,267
2017	Solar Boat	12	2	11,507	33,040,118	24,245
2018	Solar Boat	12	1	10,353	28,980,684	21,571

Note: The operation and management of the Solar Boats have been outsourced to Dapeng Bay Yachts Co., Ltd. since June 1, 2016.

Source: Kaohsiung City Shipping Co., Ltd.



## V 、 Organization and Duties of City Government

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### *Organization system and duties*

The adjustment of organizational affairs of Kaohsiung City Government was based on the macro vision developed in Great Kaohsiung area. There was comprehensive consideration of the cultural characteristics of the county and city organization, business duties' nature, economic environmental changes, as well as the needs of disaster prevention, reconstruction of disaster-hit places, and rearrangement of common living circle after reorganization. When it was ensured that the rights and benefits of staff members were completely protected, organizational consolidation was carried out, establishing 24 Bureaus, namely Civil Affairs, Finance, Education, Economic Development, Marine, Agriculture, Tourism, Urban Development, Public Works, Hydraulic Engineering, Social Affairs, Labor, Police, Fire, Public Health, Environmental Protection, Mass Rapid Transit, Cultural Affairs, Transportation, Legal Affairs, Land Administration, and Information, Substance Abuse Control and Prevention, and Sports Development; 4 Offices, namely Administrative and International Affairs, Accounting and Statistics, Personnel, and Civil Service Ethics; and 3 Commissions, namely Research, Development and Evaluation, Indigenous Affairs, and Hakka Affairs, having a total of 31 first-level agencies. Besides, there are 35 district offices, 3 mountain indigenous district offices, and 137 subordinating agencies, with a total of 203 agencies (exclusive of the aboriginal areas in the mountains); and 357 schools of different levels (inclusive of open university and kindergartens).

### *Disposition and number of civil servants*

The staffing of each agency or school of the City Government was based on the consideration for the actual business needs and financial burden. Under the principles of “flexibility, smartness, effectiveness,” cautious and reasonable staffing was made. In 2018, there were 36 staff working in the main office of the City Government, 6,049 staff working in first-level agencies, 14,752 staff working at district offices (not including mountain indigenous district offices) and second-level agencies, and 21,555 staff working at schools of different levels, with a total of 42,392 staff employed.

On Jan. 1, 2017 Public Agency of Kaohsiung Cultural Institutes, an independent administrative institution, was established to manage the Kaohsiung Museum of History and Kaohsiung Film Archive, and included Kaohsiung Museum of Fine Arts to its scope of Management on Jul. 1, 2017. Besides, on Sep. 1, 2017, two independent administrative institutions were established for Kaohsiung Public Library and Kaohsiung Pop Music Center with self-governance regulations formulated. There was a total of 3 independent administrative institutions established.



Table 1-13 Table of the Functions of First-Level Agencies and District Offices of Kaohsiung City Government

Departments	Duties
Administrative and International Affairs	Public affairs, reception of visitors, liaison with other units, confidential and synthetic businesses, staff management, investigation and handling of the complaints, statements of grievance, reports of offence from the public, consumers protection business, etc.
Civil Affairs Bureau	Division of administrative districts, administration of districts and villages, self-governance administration, household registration administration, grand meeting of village residents, meeting of foundation level, small-size construction project of village, coordinating and cooperating items of citizen-based organizations, registry, guidance and management of religions, temples and churches, survey and guidance of spiritual altar, mediation business, cemetery management, funeral services, military affairs, mobilization and supervision of military service administration, etc.
Finance Bureau	Financial administration, planning and examination of annual budget, financial supervision and tax administration of the government-run (public) utilities, planning and supervision of the profits from construction project, monetary management, tobacco and wine management, issue of bonds, management, planning, profit and use city-owned (non-city-owned) properties, inspection and auditing of the use, management of property registration data, concentrated payment of public funds, examination and auditing of Kaohsiung City Treasury checks, etc.
Education Bureau	Formal education at different levels, social and special education, physical and hygienic education, training, registration, and qualification assessment of teachers, supervision, evaluation and development policies of schools of different levels and social education agencies, military training and health care education in schools of secondary level or above, etc.
Economic Development Bureau	Registration, management and counseling affairs of industrial administration and commercial administration, supervision of public utilities run by the government and the private sector, planning and management of investment invitation and marketing, giving advice to manufacturers on making investment plans, management of open markets run by the government and the private sector, planning of open markets, handling of buildings on construction land, planning, registration, certificate issue and management affairs of stalls for vendors, etc.
Agriculture Bureau	Planning of agricultural development and synthetic village development, village revival and recreational agriculture, farmland management affairs, production and management of agricultural food crops, guidance of farmers association, welfare of farmers, ecological conservation, forestry administration, etc.
Marine Bureau	Ocean pollution control, conservation of marine living resources, oceanic administration affairs, ocean-related industrial development and guidance, marine leisure and recreation, issue and change of licenses for fishing boats and crew, entry and exit control of fishing boats and crew, mediation of fishing boat operation disputes, coordination and planning of land and public facilities in the regions of fishing harbors, planning and management of fishing harbors, coordination between municipal and harbor affairs, advisory guidance for fishermen associations, welfare of fishermen, guidance and assistance for fishing market affairs, etc.



Tourism Bureau	Drafting of tourist strategies, making development plans for tourist businesses, development of tourist resources, counseling, management and promotion of travel industry, hotel industry, tourist hotel industry and other tourist industries, preparation and holding of important tourist activities, demand and supply prediction, planning, design and construction of tourist facilities, environmental greening and landscape protection in scenic spots, management for raising and protection of animals in the zoo, etc.
Urban Development Bureau	Major and detailed landscape planning, formulation and review of city renovation plans, urban renovation, capital collection of urban development fund and national residential building fund, use, keeping and loan of fund, collection of capital and interest, formulation of residential policies and plans, implementation of urban renovation plans, evaluation, inspection and acceptance of valued projects, urban survey and measurements, etc.
Public Works Bureau	Examination, approval, guidance, coordination and supervision of public works, research and development (R&D) of construction techniques, integration of construction interfaces, building management and construction, series of inspection of construction work, issue of construction license, disposal of illegally constructed buildings, new business registration of architect, registration of residential building, interior decoration, erection of business plate, management of advertisement, auditing of government purchases, appraisal, random checking and analysis of construction materials, survey, approval and control of piping and wiring, planning of public facilities, etc.
Water Resources Bureau	Hydraulic engineering projects of waste water sewers, rainwater sewers and regional drainage, acceptance inspection and skill evaluation of these projects, operation, maintenance and management of sewage treatment plant, inspection, analysis, statistics and report of water quality, water and soil conservation on hillside, conserved land for reuse, resource survey plan, slope conservation, flood control, etc.
Social Affairs Bureau	Social administration, organization and training of private organizations, welfare service, maintenance and protection of the rights and interests of disabilities, maintenance and protection of the rights and interests of children and teenagers, maintenance and protection of the rights and interests of women, families under special conditions and new immigrants, social aid and cooperative administration, community development, statistical analysis of social surveys, social services, etc.
Labor Affairs Bureau	Labor organization, guidance and education, labor conditions, labor safety and hygiene, labor inspection, relationship between labor and employer, resolution of labor disputes, labor welfare, insurance, employment guidance, vocational training, skill examinations, etc.
Police Department	Duty planning, allocation of police force, city cleaning, specific business management, maintenance and control of economic order, planning of security police measures, wartime police work, traffic order management, planning and implementation of household visits, synthetic organization, training and protection of civil defense corps, supervision of civil defense groups, management of alien residents (visitors), handling events involving aliens, security defense, collection and processing of security information, etc.





Fire Bureau	Fire prevention plan, inspection of firefighting and safety equipment, handling of violation cases against fire prevention, management, grouping and training for fire controllers, planning and guidance of rescue in disaster and emergency aid, measures of emergency response, educational training for firefighters, management of public dangerous objects, investigation of fire causes, identification work, etc.
Department of Health	Business and occupational health, anti-epidemic health care, management of medical organization, emergency aid in disaster, pharmaceutical administration, health management of drugs, cosmetics and food hygiene, public health care, family plan, women's and children's hygiene, health planning, health education, public health inspection, etc.
Environmental Protection Bureau	Prevention and control of public harm, such as air, water and noise pollution; burial of pollutant, control of insect harm, dredging of conduit, sterilization of environment, excrement disposal, management of public toilets, management of poultry and livestock raising, biochemical inspection of air, water quality and biochemical inspection of fertilizer, etc.
Mass Rapid Transit Bureau	Various development plans of mass rapid transit (MRT) system, management and planning of united development and operation, collection of fund, income and expenditure planning of finance, fixing of rate, civil engineering construction, power supply, environmental equipment, trains, communication and control system facilities in the environments, land requisition for MRT project, negotiation and distribution of compensation for demolition, management of road right, etc.
Bureau of Cultural Affairs	Study and formulation of cultural policies, systems, and regulations, planning and promotion of cultural exchanges, training of cultural talents, survey, research and maintenance of cultural resources, cultural and historical information, ancient relics and products, and folk customs, planning and implementation of activities of tribal culture, life, rituals, public arts and environmental landscapes, etc.
Transportation Bureau	Formulation of traffic and transportation policies, general planning of land-sea-air transportation systems, auditing of parking management, planning, design, construction and operation of government-operated parking places, management of road vehicle transportation industry, supervision of the investigation of traffic accidents, review of accidents, road traffic control, planning, design, construction and maintenance of traffic signs, signals and safety facilities, etc.
Legal Affairs Bureau	Formulation, explanation, deliberation and consulting of laws for different bureaus and departments, consulting of general laws, legal services, rearrangement of legal regulations, deliberation of appeals and state compensation cases, etc.
Land Administration Bureau	Survey of land ownership, land measurement, land registration, fixing of land value, land requisition according to declared land value, deadline for use of vacant land, clearance and restriction of land right, assistance for farmers, land requisition, use of public land, re-planning of land, land requisition in lots and sections, etc.



Information Bureau	Promulgation of administrative orders (achievements), collection of public opinions, announcement of city government news, news liaison, the editing, printing and issue of various books of urban administration, collection of news information, editing, administration and management of foreign materials translation and publication, film launching, video programs, and cable television businesses, etc.
Substance Abuse Control and Prevention	Planning and integration of drug control strategies, counseling of special situations in communities, family counseling, crisis management, studies of prevention, comprehensive synthesis of the trend, international exchange activities, etc.
Sports Development	Promotion of sports industry, guidance for and management of sports venues, preparation for establishment of sports activities and competitions, cultivation of excellent sports talents, planning of sports development strategies, construction and operation of facilities, international sports exchange activities, etc.
Department of Budget, Accounting and Statistics	Formulation, examination, execution and review of the preliminary estimate, budget and budget settlement of various agencies, implementation of formulated accounting systems, supervision and improvement of accounting affairs, planning, execution, supervision and auditing of government statistical affairs, etc.
Personnel Department	Subdividing the organization into bureaus, sections and divisions, distribution of duties to different groups, allocation of responsibilities to different levels, synthesis of personnel regulations, examination, distribution, recruitment, dismissal, transfer, proficiency assessment, reward, punishment, performance assessment, protection, services, overseas trip, training and further studies for staff, remuneration, welfare, insurance, retirement, pension, personnel information, personnel data management, etc.
Civil Service Ethics Office	Promotion of administrative integrity, suggestions for reforms, evaluation, reward and punishment, prevention, detection and handling the disclosed cases of malfeasance, enforcement of confidentiality of government secrets, etc.
Research, Development, and Evaluation Commission	Research and development (R&D) of the municipal work, promotion, examination and compilation of mid-term and long-term plans and annual policy plan operation, survey of citizens' viewpoints, administration reforms, validity of official documents, important projects, control, supervision and assessment on the services for citizens, administration staff members for collection, investigation and analysis of urban planning information.
Indigenous Affairs Commission	Cultural heritage of indigenous peoples, protection of rights and privileges of indigenous peoples, survey and analysis of socio-economic data, cultivation of talents, employment advice for indigenous peoples, formulation, implementation, and execution of indigenous policy, regulations, and system, etc.
Hakka Affairs Commission	Planning of Hakka affairs and policies, preservation and promotion of traditional Hakka culture, development of Hakka language, studies of Hakka rituals, cultivation of traditional Hakka folk customs and fluent Hakka language talents, Hakka artistic and cultural creation, and guidance for Hakka groups, cooperation and exchanges of local and foreign Hakka affairs, etc.
Open University	Provision of continuing education for adult residents, promotion of lifelong education, etc.
District Offices	Established with the sections of civil affairs, social services, economic construction, agriculture, etc. to deal with various businesses and the tasks authorized by Kaohsiung City Government.

Source: Organization Regulations of each department



Table 1-14 Current Status of Civil Servants and School Teachers of Kaohsiung City Government

## ■ Age

Year	Total	Sub-total		Below 19		20-29		30-39	
		Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
2017	37570	19458	18112	0	0	2138	621	5175	5354
2018	37712	19831	17881	0	0	2316	536	5313	4806

40-49		50-59		Above 60		Average	
Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
7437	9089	4244	2853	464	195	42.42	42.75
6940	9003	4710	3314	552	222	42.42	42.31

## ■ Education Level

Year	Total	Sub-total		Ph.D. Degree		Master Degree		University	
		Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
2017	37570	19458	18112	94	353	3680	11547	8553	6167
2018	37712	19831	17881	96	375	3849	11742	8828	5727

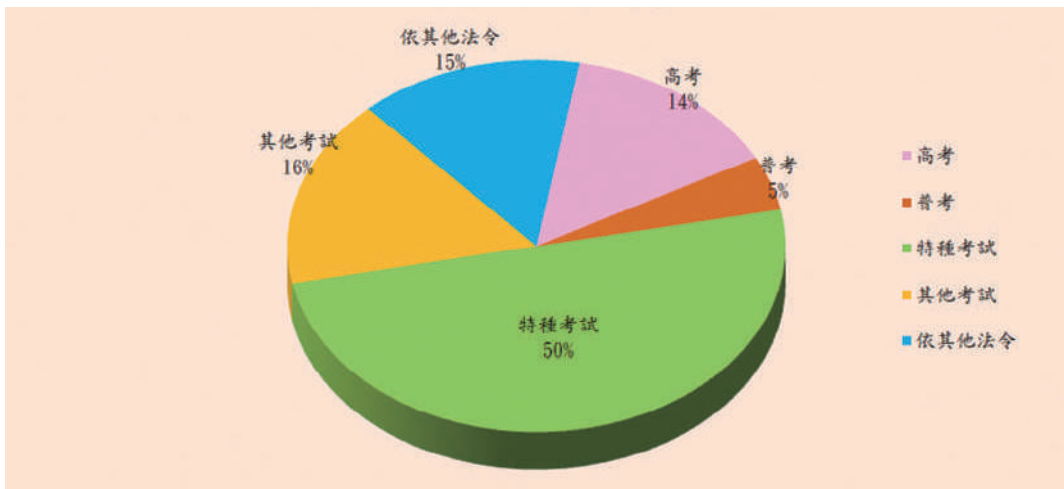
College		Senior (Vocational) High School		Junior High School or Below		Others	
Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
5071	41	2054	4	6	0	0	0
5107	33	1944	4	7	0	0	0

## ■ Examination

Year	Total	Sub-total		Civil Service Examination					Educators
				Higher-Grade Civil Service Examination	Junior-Grade Civil Service Examination	Special Examination	Other Examination	Employed According to Other Laws or Regulations	
		Civil Servants	School Teachers	Civil Servants	Civil Servants	Civil Servants	Civil Servants	Civil Servants	School Teachers
2017	37570	19458	18112	2756	947	9558	3625	2572	18112
2018	37712	19831	17881	2848	935	9902	3258	2888	17881



Figure 1-3 Kinds of Examinations Passed by the Staff of Different Departments of Kaohsiung City Government in 2018





## VI 、 Organization and Functions of the City Council

### History

Kaohsiung City Council has been evolved through five stages:

1. Kaohsiung City Senate and Kaohsiung County Senate: established in April 13, 1946 and April 15 1946 respectively.
2. Kaohsiung City Council (provincial city) and Kaohsiung County Council: since January 11, 1951.
3. Kaohsiung City Provisional Council: since July 1, 1979.
4. Kaohsiung City Council (special city under direct jurisdiction of the Executive Yuan): since December 25, 1981.
5. Kaohsiung City Council: since December 25, 2010 when Kaohsiung City and Kaohsiung County were consolidated.

Prior to city-and-county consolidation, the City went through 9 terms as Provincial City Council, 1 term as Provisional City Council and 7 terms as Municipality City Council while the County Council went through 16 terms.

Following the consolidation on Dec. 25, 2010, Kaohsiung City Council has entered a new stage.

### Organization

Elected from 15 constituencies, the Council consists of 66 councilors including one plain-land aboriginal councilor and 3 mountain aboriginal councilors. When council members are sworn into office, they elect a speaker and a deputy speaker. Councilors serve a term of 4 years and can be reelected without term limits. The current term starts from Dec. 25, 2014 to Dec. 25, 2018.

The Council's administrative staff includes Secretary General, Deputy Secretary General, and

a number of offices: Secretariat Office, Conference Logistics Division, General Affairs Division, Documentations Division, Public Relations Office, Statute Research Office, Information Management Office, Personnel Office and Accounting Office.

All bills are categorized and reviewed by one of the 9 standing committees: Interior, Social Affairs, Finance, Education, Agriculture & Forest, Transportation, Hygiene and Environment, Local Public Works, and Legislation before being submitted to the Assembly for approval.



Appearance of Kaohsiung City Council building



Court of Kaohsiung City Council



## *Authority and Duty*

The authorities and duties of the Council are as follows:

### **1. Resolution**

To resolve city unitary statutes, city budgets and to review final account reports; to resolve the special levies, temporary levies and additional levies, to resolve the disposal of the City's properties; to resolve the autonomy regulations of the city government organization and subordinate business organizations and to resolve proposals made by councilors or city government.

### **2. Investigation**

To clarify certain problematic cases, a task force can be authorized by the council assembly to carry out necessary investigations. A task force designated by the assembly or appointed by the speaker consists of 3 to 7 members. An investigation report has to be submitted to the assembly in 6 months, another 6 months can be extended if necessary.

### **3. Interpellation**

Councilors are entitled to interpellate mayor and subordinate department chiefs and other personnel during each session. The interpellation should be answered orally right away; if restrained by time, written answers are applicable.

### **4. Right to propose**

Councilors can make proposals to request the city government to do or not to do certain administrative activities. A proposal must be co-signed by at least 2 other councilors. At least 4 co-signers are required if the proposal is made to deal with emergency issues. The city government is responsible to carry out the resolutions passed by the council. Should there be problems that make a resolution not feasible, a veto procedure must be started.

### **5. Right to receive citizen petitions**

Citizens are entitled by law to petition the Council verbally or by writing; a petition becomes

a proposal after it was received and passed by committee review.

### **6. Right to hold public hearings**

The Council may hold public hearings to collect opinions from relevant authorities, interest groups and persons involved, experts, and scholars so as to help reviewing and resolving important proposals.

### **7. Other authorities granted by laws.**



Kaohsiung City Council member gave assistance to underprivileged family in 2018 winter



Kaohsiung City Council 2018 New Year's Day Flag Raising Ceremony







A modern, multi-story glass building with a blue sky background. The building has a prominent glass facade and a white frame. The sky is a clear, deep blue. The building is the central focus of the image, with a white geometric overlay on the right side.

# CHAPTER 2

A decorative graphic element consisting of a series of colorful triangles in shades of blue, green, and purple, arranged in a pattern that resembles a stylized mountain range or a series of steps. The triangles are of various sizes and are scattered across the white background.

## Political Development

- I. Local Autonomy and Election
- II. District and Village Administration
- III. Household Management
- IV. Grassroots of Minor Constructions
- V. Research and Development
- VI. Military Service Administration
- VII. International Affairs and Sister Cities Exchanges
- VIII. Land Administration
- IX. Affairs of Indigenous People
- X. Hakka Affairs
- XI. Information Development



## I 、 Local Autonomy and Election

### *Presidential and Vice Presidential Election*

Promulgated by the Amendment of the Constitution of the Republic of China on August 1, 1994: “The president and vice president shall be directly elected by the entire population in the free areas of the Republic of China. This shall become effective from the election for the

ninth-term president and vice president in 1996.” Based on Article 32 of the Presidential and Vice Presidential Election and Recall Act, the Central Election Commission held the ninth presidential and vice presidential election on March 23, 1996. The electees assumed office on May 20 of the same year. The fourteenth presidential and vice presidential election was held on January 16, 2016.

Table 2-1 Overview of the 14th Presidential and Vice Presidential Election in the City

Term	Year	Total population	No. of qualified voters	Voter turnout	No. of electees		Voter turnout rate (%)
					No. of candidates		
14	105	2,778,512	2,254,324	1,524,873	3:1		67.64

Source: Civil Affairs Bureau, Kaohsiung City Government

### *Election of Representatives at Large*

The government has held numerous elections of representatives-at-large in order to reform election

affairs and promote constitutional democracy. After the city-county merger, the ninth legislator election was held on January 16, 2016, along with the fourteenth presidential and vice presidential election.

Table 2-2 Overview of the 9th Legislator Election in the City

Term	Year	Total population	No. of qualified voters	Voter turnout	No. of electees		Voter turnout rate (%)
					No. of candidates		
9	105	2,745,674	2,222,679	1,507,918	40:9		67.84

Source: Civil Affairs Bureau, Kaohsiung City Government



## *Election of Local Public Officials*

### *1. Mayoral Election*

On November 24, 2018, HanKuo-Yu was elected the third mayor after the county-city merger and reorganization, and was sworn into office in the same year on December 25.

### *2. City Councilor Election*

On November 24, 2018, 66 councilors were elected at the third local election after the county-city merger and reorganization, among which were 40 male councilors and 26 female councilors. They were sworn into office in the same year on December 25. Hsu Kun-Yuan was elected the speaker and Lu Shu-Mei the deputy speaker.

### *3. Election of Chiefs of Villages*

On November 24, 2018, 889 village chiefs were elected at the third local election after the county-city merger and reorganization, and were sworn into office in the same year on December 25. However,

village chiefs of Anhe Village, Sanmin District and Bosiao Village, Cianjin District were not sworn into office until January 15, 2019 due to the re-election on January 5, 2019.

Article 82 of the Local Government Act prescribes that where the chief of village resigns, is removed from office, or in the event of death, the District Office shall appoint an acting chief of village, and the City Government shall be informed in writing. A supplementary election shall be completed within three months from the day of such event. Provided, however, if the remaining term is not more than two years, no supplementary election shall be held; the acting chief of village shall serve until the expiration of the current term of office. Paragraph 2, Article 82, of the same Act prescribes that where the chief of village is suspended from his/her position, the District Office shall appoint an acting chief of village. As of February 28, 2019, two village chiefs were dismissed/suspended or deceased, and the district office personnel are acting on the chief's behalf in the two villages. Re-election will be held within three months.

## *II 、 District and Village Administration*

### *District and Village Organization*

A district office is staffed with a supervisor, who is responsible for district administration under the mayor's order and the direction of the director-general of the Civil Affairs Bureau. Villages are established under a district. An office is set up in every village and staffed with a chief. The chief of village is under the direction of the district supervisor to handle village administration and assignments. Neighborhoods are established under

a village, and the neighborhood office is staffed with a head of neighborhood, who takes charge of neighborhood administration and assignments under the direction of the chief of village.

There are 38 administrative districts, 891 villages, and 17,342 neighborhoods in the City (as of the end of December 2018). Three mountain aboriginal districts: Maolin, Taoyuan, and Namasia, were reformed as autonomous groups on December 25, 2014.



Based on the Regulations on Villages and Neighborhoods Marshalling and Adjustment in Kaohsiung City, the criteria for village and neighborhood marshalling in the City are listed as follows:

### *1. Village Marshalling:*

- (1) The number of households for residential areas with high-density buildings should essentially be between 1,500 and 3,000.
- (2) The number of households for populated villages with easy access to transportation should essentially be between 700 and 2,000.
- (3) The number of households for villages with a sparse population and easy access to transportation should essentially be between 500 and 1200.
- (4) The number of households for villages in suburban or mountainous areas, villages with difficult access to transportation, villages with a sparse population, or villages where residents can have communication with each other only on foot should essentially be 300.

### *2. Neighborhood Marshalling:*

- (1) The number of households for populated neighborhoods should essentially be between 20 and 200.
- (2) The number of households for neighborhoods with a sparse population should essentially be between 10 and 70.

## *Organization of District Office*

After merging, each district office established related departments and sections for civil affairs, social affairs (social and economic affairs), economic planning and development, conscription and disaster prevention and protection, agriculture (agricultural development), fishery, secretariat, accounting, human resources, and civil service ethics based on the different local characteristics and circumstances, enabling each district office

to effectively process tasks authorized by the City Government. In addition, the organization and marshalling of the District Offices of Maolin, Taoyuan, and Namasia aboriginal districts shall be deliberated and adopted by the respective District Council.

## *Village Assembly and Seminar of Local Infrastructure Projects*

1. The Local Government Act was promulgated and took effect on January 25, 1999. In accordance with Article 60 of this law, the former Kaohsiung City Government submitted the Self-governance Act of Village Assemblies and Seminars of Local Infrastructure Projects in Kaohsiung City to the city council for revision and approval on October 18, 2000, and formulated the Guidelines for the Promotion of Village Assemblies and Seminars of Local Infrastructure Projects in All Districts of Kaohsiung City as a basis for convening village assemblies and seminars of local infrastructure projects. After merging, the Implementation Regulations for Village Assemblies and Seminars of Local Infrastructure Projects in Kaohsiung City was formulated and promulgated on February 21, 2011, in response to current needs, and the Directions for Convening Village Assemblies and Seminars of Local Infrastructure Projects in All Districts of Kaohsiung City was approved in the 22nd municipal administration meeting as a basis for convening village assemblies and seminars of local infrastructure projects.
2. A total of 13 assemblies and seminars were held in 13 villages (10 village assemblies in 10 villages and 3 seminars of local infrastructure projects in 3 villages) in 2018. A total of 108 proposals (resolutions) were brought up in the assemblies and seminars. Statistics showing the attendance of village assemblies, proposals (resolutions) brought up in the assemblies, and their processing status are listed below:



Table 2-3 Overview of Village Assemblies and Their Proposals (Resolutions) after Merging

Year 2018		
Attendance	Total No. of Households	12,427
	No. of Attendees	1,468
	Percentage	11.81
Proposals (Resolutions)	Civil Affairs	8
	Finance	0
	Construction	0
	Education	0
	Public Works	48
	Water Conservancy	11
	Social Affairs	2
	Agriculture	0
	Labor	0
	Police	9
	Fire	0
	Health	2
	Environmental Protection	3
	Transportation	11
	Land Administration	0
	Conscription	0
	News	0
	Public Housing	0
	Telecommunications	0
	Electricity	0
	Postal Affairs	0
Water	3	
Others	11	
Total	108	

Source: Civil Affairs Bureau, Kaohsiung City Government



- (1) A total of 1,468 out of 12,427 households in 13 villages attended the assemblies, which accounts for an attendance rate of 11.81%
- (2) Processing status of proposals (resolutions):
  1. Completed: 77 cases (71.30%)
  2. Scheduled to be settled in 2018: 8 cases (7.41%)
  3. To be settled to accommodate relevant construction works: 5 cases (4.63%)
  4. Listed in the 2019 annual budget review: 1 cases (0.93%)
  5. Suspended for comprehensive review: 11 cases (10.19%)
  6. Unable to process due to limited budget: 3 cases (2.78%)
  7. Unable to process due to regulations: 3 cases (2.78%)

### III 、 Household Management

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The objective of the household registration administration is to carry out household registration, reinforce household registration administration, and strengthen public services. As of the end of 2018, a total of 1,099,955 households and 2,773,533 citizens were elucidated in the City.

#### *Reinforcing Household Registration Administration*

1. Reinforcing the household registration of people entering/leaving the country: If one person leaves the country without re-entry for over two years, he/she has to arrange move-out registration in accordance with the Guidelines for Population Reports Regarding Nationals who Leave the Country Without Re-Entry for Two Years.
2. Strengthening household registration examination:
  - (1) Notices are sent to applicants who fail to complete the household registration procedures, explaining the actual situation in detail to the applicants and allowing the applicants to successfully complete registration on the next application.
  - (2) Receipts are issued to applicants of registration in cases that require more than one day to complete. The estimated time of

completion should be stated clearly on the receipt.

- (3) A total of 3,796,202 household registration cases were processed in 2018.
3. Reinforcing precautionary measures to prevent false reports regarding population movement:
  - (1) From January 1 to December 31, 2018, a total of 17,348 people were elucidated for suspicious movement, with 16,586 confirmed to be living in the City. In accordance with laws and regulations, 745 people who had given false reports arranged the annulment of move-out registration or made move-out registration themselves.
  - (2) Policemen at local police stations conducted home visits to households within their jurisdiction with data obtained from the household registration and conscription information system. When any discrepancy between the actual household status and the data was detected, they reported the discrepancy to the household registration office in accordance with laws and regulations.

#### *Strengthening Public Services*

1. Introducing Taiwan's First Kaohsiung City



### Household Registration Portal APP

The Kaohsiung City Government launched the Kaohsiung City Household Registration Portal APP in July 2016 to improve the registration process. Through the APP, citizens are able to instantaneously register their household by scanning or photographing the application form and relevant documents and uploading them to the operating system. Applicants can later visit a household registration office to pick up their documents. The APP greatly reduces wait time and provides additional services, such as online reservation, latest news, household registration announcements, and online query and search. As of December 2018, the APP has been downloaded 7,928 times, 3,420 applications have been handled by the system, and 2,991 reservations have been made via the system.

### 2. Introducing Taiwan's First "Mobile Household Registration Services"

Kaohsiung City launched the "Kaohsiung City Mobile Household Registration Services" in September 2015. Mobile stations shall travel to the Bank of Taiwan, Senior Citizen's Service Center, Chen Shiu University, I-Shou University, and Peaceful Villa to provide convenient household registration services. Starting from September 2016, all household registration offices in Kaohsiung provide this service, and a total of 48,094 cases have been handled as of the end of December 2018. These services eliminate the inconvenience for busy citizens to schedule appointments with registration offices to handle household registration, gaining considerable public recognition.

### 3. Promoting Innovative "Mobile Counter" Services

- (1) In response to the trends of the digital age, the Kaohsiung City Household Registration Office launched the innovative "mobile counter" services to provide personalized, immediate, and interactive services to the public. Service representatives walk away from physical counters with their tablet computers to provide mobile consultation and preview services to the public. Using platforms such as the "Household

Registration Service Website" and the "Household Registration Portal App," the Household Registration Office can provide the public with various correct and up-to-date information regarding household registration services and announcements, convenience measures, and the latest household registration laws and regulations.

- (2) The "preview services" provided by the mobile counters allow service representatives to preview applications and check that all relevant documents are prepared, reducing applicants' complaint about excessively long waiting times. A total of 691,175 cases were handled in 2018.

### 4. Establishing a Household Registration Service Network

The Kaohsiung City Government Civil Affairs Bureau launched the "Kaohsiung City Household Registration Service Website." The services listed on the website are classified into five major themes, specifically, household registration services, case laws, convenience services, population statistics, and new immigrant services. In the areas for each theme, the website details the latest news in household registration, household registration cases, and laws and regulations. Various household registration offices may sync with the website to achieve information sharing. To comply with extant smartphone and tablet computer trends, there are desktop and mobile versions of the website. The mobile version allows the public to browse the website on any mobile device at any time.

### 5. Outcomes of Improving Service Attitude and Public Service Measures, Revising Outdated Laws and Regulations, and Simplifying Procedures are Listed Below

- (1) Accepted applications for household registration transcripts and certificates via letter and telephone: 3,100 cases.
- (2) Authorized to handle cases of movement registration: 4,808 cases.
- (3) Assisted people with mobility difficulties



in various household registration services: 3,297 cases.

- (4) Accepted applications before office hours under flexible working schedule arrangements: 8,498 cases.
- (5) Accepted applications during lunch breaks under the flexible working schedule arrangement: 224,699 cases.
- (6) Accepted applications during weekends under the program of 6912 Household Registration Weekend Service: 57,940 cases.
- (7) Discovered suspicious population movement: 2,344 cases.
- (8) Home services of seal and identification card services for seniors or people with mobility difficulties: 1,646 cases.
- (9) Accepted requests from the public and registered requests: 152,572 cases.

#### 6. Establishing a video public service system

In order to facilitate applications for various revenue services, 16 household registration offices, including Meinong (include Liouguei), Yanchao, Lujhu, Zihguan (include Mituo), Linyuan, Dashe, Hunei, Cishan (include Jiasian, Shanlin, and Neimen), Maolin, Taoyuan, and Namasia, have undergone collaboration with the Revenue Service Office, Kaohsiung City. Video systems are installed in these household registration offices to connect with the Fongshan, Daliao, Gangshan, and Cishan Branches of the Revenue Service Office, enabling the public to apply for revenue services in the household registration offices. A total of 28,185 cases were handled in 2018.

#### 7. Setting up a “Household Registration Service Station” at Taiwan Kaohsiung Juvenile and Family Court

The Civil Affairs Bureau of Kaohsiung City Government incorporated the “Household Registration Service Station” into the Taiwan Kaohsiung Juvenile and Family Court, sending staff to the courthouse from 2 to 5 p.m. two days (Tuesday and Thursday) a week to process household registration services, including

domestic violence protection registration and adoption registration, among others. It is expected that when domestic violence victims receive protection orders issued by the court, they should be able to complete registration for the “Forbidding the Respondent to Review or Submit the Household Registration of the Victim and the Minor Children Under the Victim’s Temporary Custody” in the courthouse or by fax immediately and conveniently. In so doing, the accuracy of household registrations can also be ensured. A total of 800 cases of household registration and document issuing were conducted in 2018.

#### 8. The N-in-1 “Inter-Departmental Household Registration Reporting Service”

The Inter-Departmental Household Registration Reporting Service through Public Information Platform was improved to provide N-in-1 services, so that citizens can save time by filling out a consent form and checking the items for which they apply when filing for moving domicile or changing name. Officers of the registration offices will register the data online and send the consent form to the relevant authorities for completion of the procedures of changing address or name. A total of 437,755 applications were processed in 2018.

#### 9. Assisting the Ministry of the Interior in issuing citizen digital certificates

To facilitate the application of Citizen Digital Certificates and promote the e-government program, the public can apply for their Citizen Digital Certificates online and no longer have to physically travel to and from the household registration office. Through the employment of numerous security mechanisms, such as “digital signatures” and “public keys,” online identity recognition and encryption and decryption functions are improved, thereby protecting applicants’ interests. A total of 52,297 certificates were issued in 2018.

#### 10. Assist the Ministry of Foreign Affairs in recognizing the identity of passport applicants

To avoid fraudulent applications, the City implemented the measure of “Recognizing the





Identity of Passport Applicants” in collaboration with the Ministry of Foreign Affairs. First-time passport applicants who cannot present themselves at the Bureau of Consular Affairs (BOCA), Ministry of Foreign Affairs, in Taipei, or the branch offices of MFA in Taichung, Kaohsiung, Hualien, and Chiayican alternatively go to any household registration office nationwide to complete the passport application form and have their identity authenticated. Applicants can then authorize a travel agency, relative, or colleague to apply for the passport with the completed application form and required documents at the BOCA, Ministry of Foreign Affairs, in Taipei or the branch offices of MFA in Taichung, Kaohsiung and Hualien. A total of 41,634 applications were accepted in 2018.

11. The Central Household Registration Office introduced the sign language service for hearing or verbally impaired applicants, assisting them in more rapidly completing their applications. In addition, to expand the service for citizens with hearing impairment, Skype video conferencing is introduced for the sign language service, so that people with hearing impairment may get “inter-office sign language online enquiry service” by linking to Fongshan First Office via video conferencing equipment during the office hours of the household registration office. Sign language service was provided for 37 cases in 2018.

12. The “Friendly Service Counter” was set up to provide express household registration services:

From November 1, 2014 onwards, the household registration offices of the City have introduced the “Friendly Service Counter,” expanding the original service for the elderly people and people with mobility difficulties to include care for women and children. Services may include care for pregnant women and people carrying babies, providing service for these citizens without requiring them to acquire a queue ticket or wait. They are escorted to the service counter directly by a volunteer or service officer. A total of 9,102 cases were serviced in 2018.

13. The City implemented cross-regional cooperation with off-island and remote areas:

To expand and enhance public services, the City implemented cross-regional cooperation with Penghu, Kinmen, Lienchiang, Taitung, Hualien and Pingtung. All household registration offices of the City began providing administrative assistance in accepting applications for household registration items, such as birth (including adoption), or registration of aboriginal identity, in order to save citizens from traveling. A total of 66 cases were processed in 2018.

14. Promoting video legal consultation service in cross-regional cooperation with the Legal Aid Foundation

To help people in the City who reside in remote areas to get legal consultation resources for resolving legal problems they encounter, the City cooperated with the Legal Aid Foundation to provide free video legal consultation service by appointment at 19 household registration offices, including Cijin, Fongshan Second Office, Dashu, Dashe, Renwu, Niasong, Ciaotou, Yanchao, Alian, Hunei, Zihguan, Cishan (include Jiasian, Shanlin, and Neimen), Meinong, Maolin, Taoyuan, and Namasia, by means of computer conferencing functions. The service allows citizens who need professional legal services to get legal aid resources and ensures their rights to service. A total of 27 cases were processed in 2018.

15. Paying household registration fees and charges by iPass

All household registration offices of the City have accepted payment of fees and charges by iPass to ensure convenient payment of household registration fees and charges and reduce risks of erroneous collection and changes of money by household registration officers or trade with counterfeit bank notes. Moreover, the electronic reconciliation system may ensure accurate and rapid completion of account settlement, save time and effort in fees and charge management procedures, and enhance administrative efficiency. A total of 65,025 cases were processed in 2018, involving an



amount of \$1,192,399.

#### 16. Initiating Mobile Payment for Administration Fees

On July 1, 2018, Kaohsiung City Household Registration Offices made credit card payment and smartphone APP payment options available for all household registration fees including service fees for household registration transcription, national ID cards, household certificate, seal certificate, and citizen digital certificate. This is a convenient and efficient service, and citizens no longer need to bring cash or change. As of the end of December 2018, a total of 14,849 cases were processed, which amounted to NT\$310,479.

#### 17. Missing Persons Services for Relatives and Friends

Based on relevant laws and regulations, the Kaohsiung Civil Affairs Bureau introduced the “Kaohsiung City Government Household Registration Office Provision of Missing Persons Services for Relatives and Friends.” Missing persons information can be distributed by utilizing the resources of the various district household registration offices, enabling relevant persons to decide whether or not to contact the offices. This provides a channel for citizens who have lost contact with their family members or friends to file a missing persons report. A total of 938 cases were handled in 2018.

#### 18. Same-Sex Relationship Application

The various district household registration offices began accepting registration application for same-sex relationships on May 20, 2015. A total of 648 applications have been filed and 380 applications approved as of December 2018. Moreover, the City introduced the certificate of same-sex relationship on November 11, 2016. The certificate is easy to carry and can be used as an official certification. As of December 31, 2018, a total of 750 certificates have been issued.

#### 19. Pioneering the Technological Service of “Household Registration Concept House”

Kaohsiung City pioneers to plan and establish

the “Household Registration Concept House,” which started operation on December 7, 2018. The open counter design and the use of artificial intelligence technology (e.g. face recognition and robots) have altered the traditional service procedures. The innovative measure is based on the aim to build a new household registration service concept for the next 20 years, hoping to guide and promote a new government service ideology.

## *Simplifying Household Registration Services*

### 1. Implementing flexible working schedules for acceptance of applications

- (1) The former Kaohsiung City was the first city in Taiwan to enforce the flexible working schedule (12:00 to 13:30) in 1987, which effectively benefited citizens who could not apply for household registration during the day.
- (2) To better facilitate household registration for the public, 17 household registration offices, including Gushan, Zuoying, Nanzih, Lingya, Sinsing, Sanmin First Office, Sanmin Second Office, Cianjhen, Siaoang, Fongshan First Office, Fongshan Second Office, Renwu, Daliao, Gangshan, Zihguan, Cishan, and Meinong, launched the “6912 Household Registration Weekend Service” in July 2012. Offices are open between 9 a.m. and 12 p.m. on Saturdays to accept household registration applications. The remaining 16 household registration offices in Kaohsiung also accept applications if appointments are made beforehand.
- (3) A total of 15 Household Registration Offices in districts including Gushan District in the City launched the “Early-Bird Hours Service” on March 27, 2013, where they begin operation at 7:30 a.m. from Monday to Friday under flexible working schedule arrangements.



2. Accessibility facilities such as dedicated bells, pathways, toilets, and elevators were established for people with disabilities. In addition, dedicated staff members were assigned to welcome and guide people with disabilities. A total of 3,297 cases were handled in 2018.

### 3. Home-Based Household Registration Services

To keep on providing help and care to underprivileged citizens, the City established the first home-based household registration service in Taiwan by establishing a toll-free telephone number to expand the 1999 Public Service Hotline after the merging of Kaohsiung County and Kaohsiung City. This service is provided to senior citizens and people suffering from serious diseases or injuries for applications. A representative is assigned to visit the applicant after receiving a telephone call. A total of 1,646 cases were handled in 2018.

### 4. School-Based Services for Initial Application Identification Cards

To help third-year junior highschool students over the age of 14 with their first-time application of identification cards, the district household registration offices visit schools in their jurisdiction between January and May to assist in applications. A total of 11,905 cases were handled in 2018.

## *Simplifying Road Naming, Address Assignment, and Plate Installation Procedures*

1. The Self-Governance Act for Road Naming, Address Assignment, and Plate Installation in Kaohsiung City was formulated for road naming, address assignment, and plate installation procedures, providing clear principles and guidelines for household registration offices to follow.

2. The “Guidelines for Establishment of Kaohsiung City Road Naming Task Force” was established to maintain the timeliness of road naming and to consider road names from an overall perspective. Subsequently, the “Kaohsiung City Road Naming Task Force”, which comprises representatives from related departments, chiefs of villages, and experts and scholars, was established to collaboratively determine the names of roads in the City.

## **IV** ▽ *Grassroots of Minor Constructions*

Small-scale local infrastructure projects include the construction and maintenance of streets shorter than 6 meters (incl., road surfaces, gutters, retaining walls, and guardrails), the improvement and maintenance of facilities and equipment in village activity centers, and the improvement of public service facilities for civil affairs. Based on regular patrols and public opinions, construction projects are prioritized, listed in the annual plan of district offices, and submitted along with budget estimation

reports to the Civil Affairs Bureau for auditing. The budget is established through legal procedures and then implemented. District offices were required to submit a proposal to the Civil Affairs Bureau in order to add construction items onto the plan. A total of NT\$327.067 million was budgeted in 2018 (NT\$190.732 million for the annual construction projects of district offices and NT\$136.335 million for the small infrastructure construction projects of the Civil Affairs Bureau). Projects that received



grants included 808 projects for the construction and maintenance of streets shorter than 6 meters, 15 projects for improving and maintaining facilities and equipment in village activity centers, and 35 projects for improving public service facilities for civil affairs.

Table 2-4 Infrastructure Construction Project Statistics

Infrastructure Construction Items	Budget Source	Subtotal	Total
Construction and maintenance of streets shorter than 6 meters (incl., road surfaces, gutters, retaining walls, and guardrails)	Annual plan of district offices	551	808
	Equipment and investments of the Civil Affairs Bureau	257	
Improvement and maintenance of facilities and equipment in village activity centers	Equipment and investments of the Civil Affairs Bureau	15	15
Improvement of public service facilities for civil affairs	Equipment and investments of the Civil Affairs Bureau	35	35
Total		858	

Source: Civil Affairs Bureau, Kaohsiung City Government

## V 、 Research and Development

### *Promoting research and development*

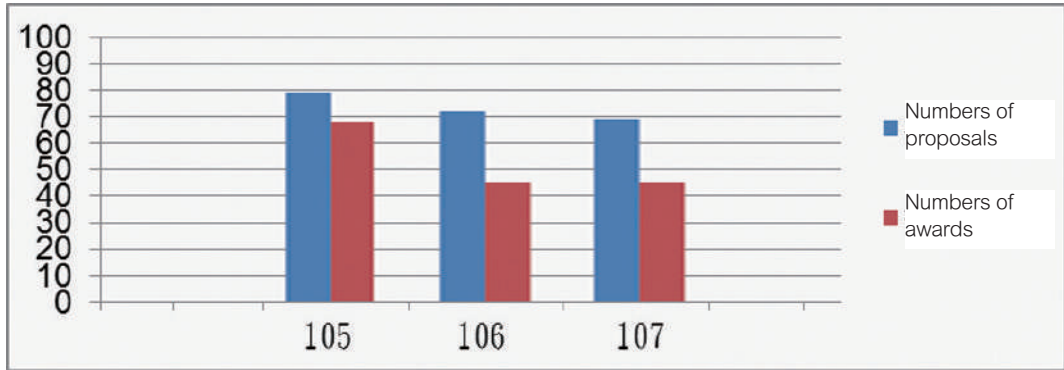
#### *1. Municipal administration innovation proposals*

To encourage employees of government agencies and schools to propose innovation regarding the city's development or reform, and to improve public service quality and administrative effectiveness, the 2018 Municipal Administration Innovation Proposal Review and Awards were

offered according to the Kaohsiung Municipal Administration Innovation Proposal Review and Award Guidelines. Various agencies submitted 69 proposals and experts and scholars were hired to conduct reviews. Overall, 45 proposals were awarded and published on the City Government Research Result Website (<http://research.kcg.gov.tw/chinese/index.aspx>). Proposals that received second-level awards or better were also submitted to relevant agencies for reference and use.



Figure 2-1 Kaohsiung municipal administration innovation proposal results



Source: Research, Development, and Evaluation Commission, Kaohsiung City Government

2. Outsourcing of research project

In order to introduce academic professional knowledge and revitalize the municipal administration, colleges, universities, research organizations and groups or individuals were commissioned to carry out research projects

related to municipal development pursuant to the Guidelines for Outsourcing Research Projects by the Kaohsiung City Government. See Table 2-6 for statistics on research projects outsourced by the city government agencies in 2018.

Table 2-5 Kaohsiung City Government agencies outsourced research projects in 2018

Item	Commissioning agency	Research topic	Commissioned agency
1	Research, Development, and Evaluation Commission	1999 Big Data Stage 2 Intensified Utilization Research	Soochow University
2	Social Affairs Bureau	Poverty-Relief Survey on Low-Income and Mid-Income Households in Kaohsiung City and Poverty-Relief Strategy Research	Kaohsiung Medical University
3	Social Affairs Bureau	Kaohsiung City Senior Citizens' Life Situation and Needs Survey	Shu-Te University
4	Bureau of Cultural Affairs	Restoration and Reuse Project of Historic Building "Horiecho Japanese-Style House" in Kaohsiung City	National University of Kaohsiung
5	Bureau of Cultural Affairs	Restoration and Reuse Project of Historic Building "Kaohsiung Rose Basilica" in Kaohsiung City	National University of Kaohsiung



6	Bureau of Cultural Affairs	Old Fongshan City Restoration Project - Commissioned Survey for Urban Context Reconstruction of Settlements Surrounding Zuoying Old City (Settlement and Block Study)	National University of Kaohsiung
7	Bureau of Cultural Affairs	Restoration and Reuse Project of Historic Building "Former Heiwacho Official Dormitories of Kaohsiung Coast Guard Office, Bureau of Transportation, Taiwan Governor-General Office" in Kaohsiung City	National University of Kaohsiung
8	Bureau of Cultural Affairs	Stage 2 Cultural and Historical Study on Settlements along the Ciwei Line Railway	National Kaohsiung Normal University
9	Bureau of Cultural Affairs	Restoration and Reuse Project of Historic Building "Former Ciaozhitou Railway Station" (Ciaotou Train Station) in Kaohsiung City	T.N. Chen Architects

### *3. Rewards for Dissertations and Theses on Municipal Development*

Since 2008, a budget has been earmarked for subsidizing master's and doctoral students to do their thesis study and awarding research results according to the "Regulations for Rewards and Subsidies for Dissertations and Theses on

Kaohsiung Municipal Development". The objective is to encourage graduate students to engage in municipal development research. In 2018, seven studies were subsidized and four outstanding theses were awarded. The research results were sent to relevant government agencies for reference and use.

Table 2-6 2018 Outstanding Dissertations Awarded by Kaohsiung City Government

Item	Dissertation	Author	School and department
1	An Empirical Study on the Correlation between Information Asymmetric and Institutional Dependence of Environmental Governance - the Application of Social Experiment	Sung, Wei-Ying	National Sun Yat-sen University Institute of Public Affairs Management
2	Exploring the Influence of Experiential Value on Users' Intention to Take Public Self-driving Shuttle by Using Revised Technology Acceptance Model	Chen, Chin-Hung	National Kaohsiung Normal University Department of Business Management
3	The Impact of Kaohsiung's Explosive Event on Neighboring Housing Price: Analysis of Difference-in-difference and Quantile Regression Model	Hsu, Jui-Sheng	National Pingtung University Department of Real Estate Management
4	Analysis of Service Process by Means of Service Blueprinting and DEMATEL - the Example of Kaohsiung MRT	Chen, Yi-Jhen	National Sun Yat-sen University Institute of Public Affairs Management



4. Supervision of Public Service

The First Government Service Awards were offered. Outstanding agencies with excellent performances were recommended by the Kaohsiung City Government and a list of awardees were announced by the National Development Council. They included the Kaohsiung City Animal Protection Office which was given the Project Planning Award, Sanmin District Second Household Registration Office which was given the Overall Service Award, and Transportation Bureau which was recommended as the finalist for the Project Planning Award.

5. Overview of the Joint Services

The Joint Service Center offers municipal services 24 hours a day, 365 days a year. It serves as a communication bridge between the city government and the public, and also acts as a horizontal service communication platform for various agencies.

(1) Service Items

The Joint Service Center accepts the following petitions and offers the following services:

- Joint Service Center
  - It provides counter services; files and processes service cases; accepts telephone, fax, and written enquiries; and offers the Kaohsiung 1999 APP, mayor’s email box, free legal consultation, blood pressure test, and other services.
- 1999 Call Center
  - Provides 24-hr municipal administration enquiry service, petition case filing, and work assignment reporting system: responding to 52 types of problems that pose significant and immediate threat to citizens' life and property, including road potholes, fallen trees, street light malfunction, traffic light malfunction, etc.
- Joint Service Center’s Performance
  - 2018 performance statistics of Joint Service Center:

Table 2-7  
Joint Service Center's performance statistics

Item	Number of cases/ number of people
Mayor’ s email	21,466 cases
Legal consultation service	9,671 people
Blood pressure measuring service	757 people
Public petition cases	188,011 cases

■ 1999 Call Center’s Performance

The "1999" municipal service hotline provides around-the-clock uninterrupted service. A work assignment system is used to notify responsible agencies of items that need to be taken care of immediately.

A. Year-round Call Center

In 2018, the Call Center received a total of 835,594 telephone calls. That is an average of 69,633 calls per month. The service satisfaction survey shows an average satisfaction level of 97.9%. Of the cases addressed, enquiries accounted for 36.9% of the total calls received. The online reply rate was 99.8%.

B. 24 hr Immediate Work Assignment

Competent agencies are immediately notified of the cases reported by citizens that need to be handled immediately, and workers are assigned to handle the matter. In 2018, a total of 82,934 cases were processed.

Table 2-8  
Call Center's performance statistics

Item	Number of cases/ number of people
Immediate service (work assignment) — top 3	82,934 cases
1. Street light malfunction 20.7%	
2. Trash cleanup 11.1%	
3. Air pollution 10.6%	





## *6. Building an English-friendly Environment*

In accordance with the Executive Yuan's "Action Plan for Building an English-friendly Environment," the Kaohsiung City Government has formed the Bilingual Living Environment Commission. Professionals inside and outside of the city government and foreigners were hired as commission members. The commission convenes regular meetings to provide consultation service and review English translations. In 2018, a total of 11 new English translations were added, reviewed, and posted on the city government's website/bilingual glossary for the public's reference.

## *7. Organizing Public Opinion Surveys*

Public opinion surveys were administered. In 2018, the Research, Development, and Evaluation Commission commissioned polling service companies to conduct four Kaohsiung City Government Administration Satisfaction Public Opinion Surveys.

## *8. City Development Biannual Magazine*

25 issues and 4 special issues of the City Development biannual magazine have been published. The content is divided into "academic discussion" and "public discussion". Experts, scholars and city residents are welcome to contribute and participate in city policy promotion.

The topics of the 24th and 25th issues published in 2018 were Kaohsiung Turned Around (1st) and Kaohsiung Turned Around (2nd). Both issues were published on the following website (<http://research.kcg.gov.tw/chinese/Epaper.aspx>) for the public to download and use.

## *Mid to Long-Term Administrative Projects and Preliminary Planning of Administrative Projects*

### *1. Mid to long-term administrative projects*

The implementation outcomes of the 2017 Mid-Term Administrative Projects' Performance Goals from various bureaus and offices were compiled. There were a total of 699 measurement indicators. Of these, 642 met the goals with excellent performance (91.8%) and 54 with qualifying performance (4.9%), and the total success rate of performance goals reached 96.7%, which was the highest in the past three years.

### *2. Important Preliminary Planning of Administrative Projects*

The City Government's 2019 preliminary administrative planning was implemented pursuant to the Directions for the Preliminary Planning of the Annual Important Administrative Projects of the Kaohsiung City Government. After review, the budget approved for public affairs projects amounted to NT\$ 9.164 billion and NT\$ 1.847 billion was for funds.

### *3. Administration Outlines and Administrative Projects*

After taking into account the Mayor's policies and instructions, as well as the annual development needs, the administrative goals of the city government and administration outlines of various departments for 2019 were established. The administrative outlines and administrative projects for 2019 were then compiled and submitted to the City Council for review and discussion.

### *4. Coordinating the Summative Evaluation Planning for National Development*

The City Government strived to obtain a subsidy from the National Development Council under the "Mid-term Plan for National Development Summative Evaluation Planning" for city research. The "Renovating and Promoting the Heart of





Liouguei in Kaohsiung" project by the City's Civil Affairs Bureau was approved for subsidy under the NDC's 2017 initiative to encourage local design. The research report was completed and the project closed at the end of October 2018.

## Project Supervision and Evaluation

### 1. Supervision and Evaluation of Administrative Projects

The objective of supervision and evaluation is to use a supervision and evaluation mechanism to analyze problems, develop and propose solutions and measures, and improve the effectiveness of subsequent implementation. Projects under the city government's supervision and evaluation include annual administrative projects, resolutions made during municipal administrative meetings, and infrastructure grant programs.

Among them, the supervision and evaluation of annual administrative projects are the most important. The result of implementation in 2018 is shown in the following table:

Table 2-9 2018 project implementation status under the city government's supervision

Year	Number of cases	Cases on schedule	Cases behind schedule	Ratio of cases on schedule
2018	163	103	60	63.19%

Note: cases behind schedule are the ones that are at least 5% behind schedule

### 2. Control of Official Document Time Validity

The 2018 official document processing efficiency supervision and evaluation was carried out according to the "Kaohsiung City Government Official Document Processing Assessment Supervision and Evaluation Guidelines." The subjects of supervision and evaluation were 7 agencies, including the Namasia District Office.

The assessment was completed on August 2, 2018. The results were published in the 2018 Official Document Survey Report of Kaohsiung City Government, which was sent to first- and second-level agencies, district offices, and the assessed agencies under the Kaohsiung City Government for their reference.

Statistical analysis of the processing status of "general official documents" by the city government agencies in 2018 is as follows:

Table 2-10  
2018 official document time validity

Year	Official documents that should be processed	Case completion rate	Average number of days to close a case
107	3,636,849	93.66%	1.97

### 3. Supervision and Evaluation of Matters Regarding Road Traffic Safety

The processing status of 83 recommendations for various agencies proposed by the committee members was being kept track of in the 2017 local road safety initial evaluation and the Ministry of Transportation and Communications' year-end supervision. Resolutions were made in the general road safety conference in October 2018 that all recommended items under supervision should be concluded. The 2018 local road safety initial evaluation was held on January 21 and 25, 2019. Related recommendations were proposed for agencies to make road safety improvements.



Road safety initial evaluation collateral office



Evaluation of the municipally ran

#### 4. Evaluation of Municipally Run Businesses

In accordance with the “Guidelines for the Evaluation of Business Organizations Affiliated with the Kaohsiung City Government,” the city government conducted the 2017 evaluation of the operating performance of its affiliated business organizations. The evaluated business organizations

included: Kaohsiung City Shipping Co., Ltd., the Collateral Office. Re-evaluations were conducted and completed on July 16 and 17, 2018. The evaluation report was sent by mail to relevant competent authorities and the organizations that underwent the evaluations for future reference.

### *Performance of public works quality inspection*

#### *1. Construction Inspections and Accomplishments*

In 2018, the city government inspected 137 projects (excluding those re-inspected), representing 221% of the total number of projects requiring inspection according to law. The number of projects inspected and the completion rates are listed in Table 2-11:

Table 2-11 2018 Public works quality inspection status

Item	Tendered projects worth more than the inspection amount	Tendered projects worth more than NT\$ 10 million but less than the inspection amount	Tendered projects worth more than NT\$1 million but less than NT\$10 million	Total
No. of total tendered projects	131 cases	351 cases	1,416 cases	1,898 cases
No. of projects requiring inspection according to law	27 cases	15 cases	20 cases	62 cases
No. of projects actually inspected	43 cases	57 cases	37 cases	137 cases
Completion rate	159%	380%	185%	221%



The city government conducts inspections on site without advance notice. Moreover, depending on the situation, samples are collected on site in accordance with the inspection regulations of the Public Construction Commission of the Executive Yuan. The sampling rate was 70%. The city government had an excellent project inspection implementation performance, and won the excellence award and was ranked third in the nation in 2018.



On-site inspection of project progress and quality



Inspecting steel structure material quality at the steel plant



Taking core samples at the work site



The city government won the excellence award for project inspection performance

### 2.Promoting Public Oversight

The Kaohsiung City Government proactively handled public oversight cases pursuant to the “Guidelines for the Control and Evaluation of Public Oversight of Public Construction” established by the Executive Yuan. In 2018, the city government processed a total of 102 public oversight cases. The responsible agencies were notified to take care of any issues in a proper manner and submit follow-up reports within a specified time. Among these cases, 11 were handled in coordination with the inspection of tendered projects, accounting for approximately 14% of the total annual caseload. Diverse methods were used to promote information on public oversight. Public oversight reporting cases over the last three years are shown in the following table:

Table 2-12 Number of public oversight reporting cases

Year	2016	2017	2018
Total number of cases reported	114 cases	87 cases	102 cases



### 3.Improving Professional Expertise

To enhance the professional expertise of its engineering personnel, the city government held a total of seven education and training courses in 2018; a total of 407 staff members participated. It is hoped that these events can effectively improve the qualifications of the engineering personnel of the city government and its contractors, as well as facilitate the exchange of construction expertise and experience.



Organizing the engineering personnel quality management training



Organizing the engineering personnel quality management training

### Road Smoothing Project

- 1.To provide safe, convenient and comfortable road environment for the citizens, to reduce and level the manholes on the roads, repair road cavity upon notification, improve condition of aged roads and include the degree of smoothness in the contract for strict inspection., the Construction and Planning Agency of the Ministry of the Interior visited the Public Works Bureau of the city government for the assessment on the “Public Utility Database Management and Supply System” and the “Performance of the Maintenance and Administration of Urban Road”. The city government received the first-class grade in the “2018 Performance of the Maintenance and Administration of Urban Road of the Nation”
2. As concerns the reduction of manholes on the roads, underground manholes are constructed along with road improvements. In 2018, a total of 9,019 underground manholes were constructed and 4,686 manholes on the roads were leveled. In terms of road cavity repair, the proportion of self-inspection reached up to 91.2%; the completion rate of road cavity repair within 4 days of notification was 89.45%; and all cases of road cavity repair were completed within 24 hours, achieving the goal of repair within 3 days. Starting from May 2012, the applications of new buildings adopted joint excavation operation. Through this integration of applications for excavation, time to excavate and bury is reduced and repeated excavation is avoided. The public construction is also negotiated to avoid reconstruction. By the end of 2018, the Project accumulatively received 2,583 applications for pipe excavation, reducing approximately 1,604 times of repeated resurfacing and reconstruction, will save 12,061.74 square meters of planing area. Starting from July 2012, applicants for pipe laying must use Controlled Low Strength Material as the backfill material in order to avoid the subsidence of pipe trench.



## *Utilization of Civil Service Personnel*

### *1. Total staff number control*

In order to use human resources effectively and save personnel expenses of the City Government, the various departments implemented the City Government's personnel control policy of 2018 by decreasing the number of employees by 11%, with a total decrease of 1,097 employees.

### *2. Respect for gender diversity, and practical implementation of gender equality*

- (1) Acquisition of "Grade A Prize" in the Gender Equality Promotion Golden Aroma Award hosted by the Executive Yuan

On Sep. 1, 2017 the Executive Yuan sent us a letter announcing the counseling reward program for gender equality promotion business of the municipal governments and county (city) governments (Golden Aroma Award). In 2018 Kaohsiung City Government achieved an excellent result, "Grade A Prize" in Municipal Government Group.

- (2) Promotion of consciousness of gender mainstreaming for empowerment

In order to add the concept of gender mainstreaming to different important policy plans and put gender viewpoints in different measures, this department stipulated "Gender Mainstreaming Training Program for Civil Servants of Kaohsiung City Government." Focusing on the civil servants with different duties and at different ranks, different gender consciousness training courses were offered. In 2018 through the ways of physical training courses and online digital learning, there were 16,647 civil servants having completed gender mainstreaming training, with a training completion rate at 99.3%.

- (3) Increase of employment percentage of female

supervisors year by year

All along highly valuing encouragement for female staff to participate in decision-making work, the City Government actively promoted female staff to be supervisors, and increased the ratio of female supervisors year by year. As of the end of December 2018, the general departments of the City Government (including District Offices) had 1,443 Grade-1 and Grade-2 departmental supervisors, with 704 of them being female, achieving an employment rate of 48.79% of total number of supervisors. Of them, there were 68 female departmental chiefs and female deputy departmental chiefs, and 41 female staff working as senior officers (e.g. chief secretaries and special commissioners) in different departments.

### *3. Implementation of Staff Assistance Program*

This department actively created a friendly, warm and attentive workplace in order to help the colleagues of the City Government to solve their personal problems that might affect work efficacy, and assist the organization to deal with the related issues that might affect productivity. We promoted Staff Mental Health and Staff Assistance Programs. These measures again and again had excellent performance, with a high satisfaction reaching 90.7%.

### *4. Prize of Excellence achieved for efficient promotion of human resource management*

The City Government actively promoted human resource management policies, which included the following goals of personnel business policies: practical management of the number of staff, encouragement of talent cultivation and learning, practice of merit-oriented operation at civil service workplace, facilitation of healthy and happy civil service workplace, enhancement of competence of personnel staff, and practical implementation of policy requirements and information correctness. In different performance appraisal items, this



department also achieved excellent results. We acquired from Personnel Administration, Executive Yuan very high acclaim, an “Excellence Award” in Municipal Government Group of Personnel Performance Assessment of 2018.

### *5. Showing concern for the use of the underprivileged labor*

- (1) Excessive employment of indigenous people up to 318%, realizing the prioritization of the minorities

In order to implement the Mayor’s policy of “prioritizing the underprivileged”, take care of the indigenous tribesmen having registered their households in the City, and increase employment opportunities for the indigenous people, the City Government took the lead in implanting the plan of the Central Government by employing the indigenous people up to 2% of their staff in 1999, and implementing the policy continuously. After “Indigenous People’s Employment Rights Protection Act” was announced for implementation on Oct. 31, 2001, as calculated in accordance with this calculation method stipulated in the Act, the number of indigenous people required to be employed by different departments of the City Government as of Dec. 2018 was 65 persons. There were 207 indigenous people employed, showing that 142 indigenous people were excessively employed.

- (2) Excessive employment of the physically and mentally disabled citizens up to 167%, giving care to the underprivileged group

In accordance with the “Protection Act for Rights and Interests of Physically and Mentally Disabled Citizens” and the stipulations of “Guidelines for Employment of Physically and Mentally Disabled Citizens” promulgated by the Executive Yuan, compulsory employment of physically and mentally disabled citizens was enforced in different departments and schools of the

City Government. By the ways of controlling the application and distribution of vacancies, and contractual employing the disabled as substitute staff, the employment quota for disabled citizens was completely fulfilled. As from Aug. 2002, the City Government continuously maintained the employment of sufficient number of disabled citizens until now. In case of any disposition change of staff, the related vacancy was immediately urged to be supplemented in that month. As of Dec. 2018, 1,171 disabled citizens were expected to be employed, and 1,961 disabled citizens were actually employed, with an employment rate reaching 167%, exceeding the expected number by 790 persons. It fully revealed that the City Government actively paid concern for the physically and mentally disabled citizens, and protected their working interest and benefits.

### *6. Utilization of personnel by organizational learning*

- (1) Implement organizational learning, and create a lifelong learning environment

In order to create excellent organizational learning culture, cultivate reading habit and stimulate potentials capacity amongst civil servants, the department kept on holding reading promotion activities. In 2018 the City Government held 93 sessions of the related activities, including reading groups, writing studies and practices societies, and guided reading meetings, with 112 pieces of book reports and writing works submitted. A total of 3,449 person-times participated in these activities. Besides, a book report recommended by the City Government, “Create a New Way of Thinking in Taiwan — Reading Report on In Search of Myself in the World Atlas” achieved a marvelous result, winning Excellent Work Award amongst the reading reports of all civil servants in



Taiwan.

- (2) Cultivate diversified staff clubs, and create a happy and healthy workplace

To care for the physical and mental health of teachers and civil servants, and advocate proper cultural and recreational activities, we offered assistance and guidance for establishment of 22 staff social clubs. The social clubs were of different types, such as sports, cultural and art, and general. Through the spiritual train of cultural and recreational feast of the social clubs, and the results presentation platform, civil servants were able to learn from each other, enhancing their abilities in artistic and cultural creation. Ever since implementation of the social clubs, good performance and feedback were achieved. In future the contents of social club activities would be enriched in order to enrich the interior of the staff's lives through these diversified social club activities.

### *7. Implementation of retirement system, and facilitation of turnover*

The City Government has always been strict in implementing the retirement policy of civil servants. As to the cases of voluntary retirement, the various subordinating departments were urged to let their staff actually carry out retirement procedures within a fixed period and according to the related requirements so as to protect the rights and benefits of the civil servants going to retire. A control list of civil servants who would reach their retirement age within 5 years was established in order to urge them to carry out retirement procedures in accordance with the regulations of law. For those civil servants who were not suitable to keep on working at the current posts, and those who were not competent for their duties due to illness but were not qualified for retirement, they should be laid off in accordance with Article 22 of Civil Servant Retirement, Severance and Bereavement Compensation Act, Article 15 of Teachers Act and Article 24 of Regulations Governing the Retirement, Severance and Bereavement Compensation of Public School

Teachers and Staff. In 2018, there were 379 civil servants and 428 educational personnel applying for retirement, 13 civil servants and 13 educational personnel applying for bereavement compensation, and 1 civil servant and 0 educational personnel being laid off, with a total of 834 civil servants leaving the City Government, fully making the personnel channels unobstructed and facilitating turnover of staff in different departments.

## *Development of Civil Service Human Resources*

Civil Service Development Institute of the City Government took cultivation of municipal administrative workforce with “vision extending to the world when based in Kaohsiung” and with “global thinking when taking actions locally” as our mission. We combined the training resources, concentrated the core professional municipal administration competence, developed diversified learning mechanisms, continuously strengthened the development strategies of human resources, and cultivated municipal governance talents with prospective thinking. After the digital course “Fire Safety Trilogy” of 2017 achieved Excellence Award in the Commercial Group of Digital Learning Competition held by The International E-Learning Association, “Environmental-Friendly Traffic is Great! Let’s Embrace Green Transportation in Kaohsiung.” and “Going back in time: A Journey to Fengshan” participated in Excellent Human Resource Management Competition 2017 held by Brandon Hall Group of the United States, and achieved good results, having a Silver Medal and a Bronze Medal respectively. A digital course of the City Government offered in 2018, “Citizen Review and Participatory Budgeting 101” participated in the International Certification Competition held by Brandon Hall Group of the United States, and achieved Gold Medal in the item of Best Advance in Custom Content. Therefore, the competitiveness of the City in the aspect of international talent development was tremendously promoted.



In 2018 the civil service workforce development plan of the City Government took five major learning areas, namely “National Development Policy,” “Municipal Development Vision,” “Common Core Competence,” “Core Management Competence” and “Core Professional Competence,” to plan the required courses that met the professional affairs of different bureaus and departments and the City Government colleagues’ needs in career development, so as to solidify the development of civil service human resources. In 2018 the City Government offered 386 classes of physical courses, having 21,586 person-times and a total of 35,216 person-times per day taking the courses. Besides, there were 3 classic celebrity lectures offered, having 1,156 person-times of participants; and also 256 lecture sessions of the learning train called “Happiness in Innovative and Brilliant Kaohsiung”, having 16,185 person-times of participants. To cope with the times and trend, the City Government opened digital learning courses. In 2018 there were 1,268,892 person-times of staff having taken the digital learning certificate courses, and they spent 724,398 hours on these courses. In 2018 the major business areas of civil service human resource development business were as follows:

*1. Strengthened the broad perspectives and leadership management ability that medium - and high-level supervisory staff should possess*

- (1) One session of Chiefs’ Teamwork Consensus Building Camp was held. Different bureaus and departments carried out exchange and discussion on the policies to be promoted together in the future, so as to concentrate the administrative consensus and coherence among different working teams of the City Government. There were 59 civil servants taking part in the Camp.
- (2) “Advanced Course of Special Project Management Talents” was offered to the civil servants above Level 8. There were 28 participants having completed the training

class.

- (3) “Junior High School and Elementary School Principal Reserved Training Course” was offered to 14 reserved and standby junior high school and elementary school principals.
- (4) To strengthen the school administration, leadership and management talents of schools, “Junior High School and Elementary School Supervisor Reserved Training Course” was offered. There were 30 reserved junior high school supervisors and 60 elementary school supervisors having taken the training course.
- (5) To cultivate excellent district administrative governance supervisors, “District Office Supervisors Course” was offered. There were 92 supervisory staff of different District Offices having taken the course.
- (6) Four sessions of Basic Course and one session of Advanced Course of “Command and Control of Incident Operations” (CCIO) were held in order to enhance the fire rescue command and dispatch capability of the fire control supervisory staff. There were 208 fire control supervisory staff participating in the CCIO courses.

*2. Met the need of municipal governance, held professional certificateion courses, and increase the value of training*

- (1) In order to strengthen the communication abilities of the civil servants of the City Government and increase the general public’s satisfaction when running errands in government departments, we collaborated with National Kaohsiung University of Science and Technology to hold a 5-day course (30 hours), “Citizen Service and Communication Certification Class.” There were 38 civil servants having passed the certification.
- (2) In order to improve the use of briefing and





short talk techniques for promotion of teenage crime prevention, “Teenage Crime Prevention Promotion Lecturer Certification Class” was held. There were 44 civil servants having obtained the certificate.

- (3) In order to enrich the procurement knowledge and capabilities of the related professional staff serving at the subordinating departments and schools of the City Government, five sessions of basic training course and one session of advanced training course of professional government procurement staff were offered. There were 339 civil servants having acquired Basic Procurement Certificate, and 18 civil servants having acquired Advanced Procurement Certificate.

### *3. Offer of Flipped MOOCs to promote in-depth thinking of co-learning on social groups*

- (1) We collaborated with National Yunlin University of Science and Technology to hold “Big-Data Design Thinking Studying Class.” Using the E-class online discussion platform of the University, the participants carried out course operation, online interaction and tests. And physical session was arranged in classroom for 3 times to carry out face-to-face practices and learning performance assessment. There were 36 civil servants participating in the studying class.
- (2) The “C-Learning Open Education Platform” of Chung Yuan Christian University was employed to carry out co-learning on social groups and used as an assessment mechanism. It combined with 3 courses offered by Civil Service Development Institute to form “TOEIC Fun and Easy Studying Class,” so learning wasn’t limited in classroom. With the guidance from experts, effective learning was conducted, and the learning effect was deepened. There were 27 civil servants participating in the

studying class.

### *4. Diversified courses on franchised “e-Grade Public Service Park + Learning Platform” to meet the learning needs of learners*

A government-institution digital learning resource integration platform, “e-Grade Public Service Park + Learning Platform” offered by the Directorate-General of Personnel Administration, Executive Yuan was officially online on Jul. 1, 2017. In order to improve the effectiveness of its use and save the maintenance fee, the “Kaohsiung e-Learning Website” of the City Government was included in this learning platform. In 2018 learners not only could take the co-shared courses of other franchises, but also could take four major multimedia animation and audio-visual courses offered on “Kaohsiung e-Learning Website,” namely policy competence training, leadership development, institutional business knowledge and competence training, and self-growth and others. There were a total of 200 courses offered, having 345 hours spent on learning.

### *5. Implementation of resource integration and establishment of collaborative mechanism between government departments and academic research institutions*

In the summer vacation of 2018, the City Government provided Student Internship Project of Municipal Administration to the university and junior college students of Kaohsiung City. A total of 40 students coming from 4 universities completed the internship for 10,952 hours, and were conferred with Internship Certificates in the name of the Mayor.



## Regulations and Petition

### 1. Administrative appeal

(1) Appealing plays an important part of the administrative remedy system. Anyone (including natural persons, juridical persons, non-corporations, or other respondents and interested parties subject to administrative acts) whose rights or interests were unlawfully or improperly injured by a central or local government agency's administrative act is entitled to file an administrative appeal. Anyone whose rights or interests were unlawfully or improperly injured by a central or local government agency's inaction in regard to his application submitted according to law during the period stipulated by applicable laws is entitled to file an administrative appeal as well. These points have been clearly stated in Articles 1 and 2 of the Administrative Appeal Act. As society is evolving and the awareness of the public's rights is also increasing, incidents of self-reliant relief have been frequently observed; this is not a norm to which a democratic and

constitutional state is supposed to aspire. In responding to the current situation, enhancing the high relief function of the appeal, and duly strengthening both the public authority and public credibility, as well as promoting the correct and in-depth understanding of the appeal system, the Kaohsiung City Government (hereinafter referred to as the "KCG") is increasing its efforts in the awareness campaign of the appeal system and guidance for citizens, by combining all types of training programs and the communication medias to explain the practical issues and examples concerning the administrative relief and appeal in a way that is easy to comprehend. In addition, a variety of forms have been printed and provided free of charge to better serve the public. These efforts shall practically help the municipal administration to move forward.

(2) The KCG accepted total of 1700 appeal applications and held 16 appeal review meetings during the period from January 1st to the 31th of December, 2018, See Table 2-13 for more details.

Table 2-13 Appeal Application Processing by KCG

Item	Total cases concluded	Results								Administrative litigation filed
		Rejected	Original act withdrawn voluntarily by the original concerned authority	Appeal overruled	Original act withdrawn	Transferred to other jurisdiction	Voluntarily withdrawn by the appeal applicant	Rejected in the second instance	Overruled in the second instance	
2014	1300	252	146	714	95	13	77	2	1	97
2015	1525	257	241	877	75	22	51	1	1	128
2016	1751	246	350	1006	73	18	52	5	1	104
2017	1649	253	260	966	90	14	58	7	1	95
2018	1479	189	215	941	82	16	33	2	1	133



2.State compensation

(1) If any employee of the Government acting within the scope of his or her office or employment infringes upon the freedom or right of any person, or any person's life, body or property resulting from a defect in the installation or management of any government-owned public facility, the victim may demand compensation from the authority of the said government employee or the public facility in accordance with the State Compensation Act. To process and review the cases of state compensation, the KCG has especially established the State Compensation Application Review Committee, of which members are scholars and experts in law, retained by

the KCG to process the applications of state compensation carefully based on the stance of neutral fairness. The Committee aims to compensate as promptly as possible the people who suffer damages, on the principle of not harsh and not abusive, while monitoring and urging all agencies of the KCG to examine, improve and prevent any further occurrences of their respective administrative actions and or public facilities that violate the rights of the people.

(2) The KCG accepted 192 applications of state compensation and held 11 meetings of the State Compensation Application Review Committee, during the period from the 1st of January to the 31th of December, 2018. See Table 2-14 for more details.

Table 2-14 State Compensation Processing by KCG

Item	Category		Conclusions on state compensation each year										Claim			
	Category	Total cases	Damage caused by illegal action or negligence in duty by government employees	Lack or poor management of government-owned public facilities	Compensation refused	Withdrawal	Transferred to another jurisdiction	Negotiation failed	On trial	Litigation	Compensation awarded in litigation	Amount awarded	Compensation agreed through negotiation	Amount of compensation agreed through negotiation	Claim case filed	Amount of claim
Fiscal																
2014		536	452	84	455	27	10	3	93	9	9	4,876,514	19	2,377,672	16	1,470,771
2015		256	160	96	191	24	8	9	51	19	11	5,095,509	19	1,916,247	13	53,613
2016		227	96	131	118	37	9	3	79	6	5	8,916,430	34	1,609,179	15	214,315
2017		156	63	93	97	34	3	10	65	20	3	76,014	19	6,194,850	19	303,122
2018		192	56	136	77	31	8	8	99	20	19	8,389,718	20	1,405,666	12	337,835



### 3.Regulations considered

(1) The KCG held 10 meetings of the Legal Affairs Committee and passed 57 municipal regulations, including 22 additions, 34 amendments, 1 abolishment during the

period from the 1st of January to the 31th of December, 2018. See Table 2-15 for details.

(2) There are 454 regulations and 774 administrative rules in effect, which are code-numbered and bound in volumes.

Table 2-15 Regulation Review by KCG

Fiscal Item	Review conclusion			Case passed	
	Addition	Amendment	Abolishment	Municipal Regulations	Admin. Regulations
2014	23	28	4	375	649
2015	23	30	0	384	719
2016	23	37	1	402	720
2017	26	34	0	438	750
2018	22	34	1	454	774

## Correct the Government Ethics

### 1.Corruption Prevention

(1) Conduct Risk Assessment and Enhance Early Warning System

In 2018, we implemented 22 special examinations on high-risk issues which are involved in risk databases. Potential risks are identified by processing public documents or grasping public sentiments, we timely submitted suggestions for reformation regarding internal control deficiency. To ensure sound integrity risk control and early warning mechanism for government agencies, we addressed 113 suggestions in 3 ways: saved public expenditure, disgorgement of illegal gains and suggestions for reformation regarding internal control deficiencies.

(2) Combined with risk issues to enhanced integrity governance propaganda

In order to explore core risks related to the open contract and police system, we have

organized “Contract Gold Quality” and “Police Integrity” project activities. We have gathered administration violations by doing special examinations and coordinated with experts. Furthermore, we designed the ethical guidelines to improve integrity in the police organization.



“Contract Gold Quality” Forum. Vice Mayor Mr. Yang, AAC vice director-general Mr. chen, Chief prosecutor of Kaohsiung district prosecutor office Mr. Chou, Deputy Chief Prosecutor of Ciatou district prosecutor office Mr. Wang and our director of department of ethics services Mr. Lin officiated at the ceremony.



- (3) Strengthening external monitoring powers, and enhancing anti-corruption measures

We cooperated with water resources bureau and the public work bureau to compile the “Clean Government Work guidebook”. External experts and scholars are invited for the case study. They not only have a detailed understanding of the facts of an individual case, but also study corruption prevention to close loopholes in the systems. To strengthen external monitoring powers, we provide the study to people of related agencies, contractors for reference and liberties.



“Clean Government Work” Meeting. Experts and personnel of related agencies were invited to discuss representative cases.

- (4) Implement of Sunshine Law and to shape ethics in public sectors

The Sunshine Law is designed to promote government transparency. To inform the declaration obligators about legislative purposes of sunshine law, we held 18 presentations on the “Act on Property-Declaration by Public Servants”. During 2018, The Department of Civil Ethics has received 3801 declarations of property. We draw 421 personnel for substantive examination, among which 69 cases selected for comparison of property declaration of previous years to ensure compliance with the proportions required by the Ministry of Justice. According to “Ethics Guidelines for Kaohsiung Civil Servants”. Kaohsiung city government and its affiliates reported 176 cases of Ethics-Related Incidents.

- (5) Implement of maintenance and prevent emergencies

Kaohsiung City Government and its affiliates conducted 629 inspections of Security Maintenance and hold 2246 promotions on Security Maintenance. In addition, we held 133 briefing of security maintenance and established (amended) 14 regulations to ensure organizational security. Otherwise, we investigated 83 jeopardizing events to build a safety net and prevent emergencies.

- (6) Enhanced the protection of confidential information and prevent the divulgence of confidential information

Kaohsiung City Government and its affiliates conducted 710 inspections of maintenance of official secrets and hold 2631 promotions on official secrets to avoid the violations of confidentiality. Moreover, we newly (revised) established 14 regulations.

## 2. Corruption Investigation

- (1) Handling Cases of Corruption Reports

We aim to ensure no innocents in the convicted and no leniency for the guilty. We deal with potential corruption cases cautiously. A total of 876 reports were received. The Department of Civil Services Ethics also supervised its affiliate to conduct 15 investigations on the violation of confidentiality as well as the leaking of classified information.

- (2) Suspicion of Corruption Activity

During 2018, there were 13 corruption prosecutions, involving 33 individuals.

- (3) Administrative Penalties

After the investigation, 36 cases were found to be involved in alleged conduct, 78 civil servants were punished for administrative responsibilities. (2 removal, 1 major demerit, 7 demerits, 49 black marks, 19 reprimands).

## VI 、 Military Service Administration

### *Recruitment*

1. To complete the Military Register Investigation on 16,697 draftees who were born in 1999 this year;
2. To complete the physical examination for some 14,811 draftees and approved the physical examination for 14,813 draftees this year (including that completed in November and December, 2017). Among them, the number of approved regular service is 10,351 persons (69.9%), the alternative service is 810 persons, the exempted service is 3,403 persons and the uncertain physical status is 249 persons (including 2,270 of draftees for 1999)



Military Service Draftee Examination

3. The consigned physical examination for the draftees from other counties and cities is 2,184 persons.
4. Exit and Military Service Restriction and Military Service Deferment:
  - (1) To complete the processing of 20,618 applications for exit and follow-up on draftees who fail to return to Taiwan before the expiry of the specific time this year;
  - (2) To complete the military service restriction for 42 draftees this year.
  - (3) To complete the military service deferment for 20,088 student draftees.

5. To organize the lot drawing in various districts for 278 rounds and complete the lot drawing for 10,928 persons;
6. Conscription of Draftees for Military Service:
  - (1) To complete the conscription of 11,980 draftees for military service, including 8,039 regular service draftees, 2,037 substitute service draftees and 1,904 replacement service draftees, this year;
  - (2) To authorize 1,256 applications for military service deferment with cause this year;
7. The 15 persons whose applications for designated servitude agency substitute service were authorized have been conscripted for military service in order this year;
8. A total of 1,055 draftee applications for replacement service, substitute service and early discharge on the grounds of family factors were authorized this year, in order to have the disadvantaged draftees' families attended;
9. To delay graduating draftees conscripted for military service ; a total of 1,515 draftees were conscripted for military service early this year and the draftees' waiting period for conscription was shortened accordingly.



Conscription of draftees for military service in this City



## Services

1. The living subsidiaries for three major festivals and lump-sum household allowance totaling NT\$5,608,610 were allocated this year and benefited 231 households;
2. The benefits totaling NT\$12,975,000 were allocated to a total of 18 deceased draftees of regular service and substitute service due to official reasons (sickness/accident) this year;
3. The spot benefits totaling NT\$140,000 for 2 persons were allocated to the regular service and substitute service draftees this year;
4. We retained professional trainers for 3 rounds of on-the-job training, enhanced the substitute service draftees' knowledge about service and correct attitude and manner.
5. Substitute Service Charity Activities:
  - (1) Organize the year-end party for the elderly living alone totaling 26 persons and the elderly of 51 households and help them with the home environment cleaning from January 2 to February 28 this year, and a total of 156 substitute service draftees were involved in the activities.
  - (2) Organize the substitute service draftees' blood donation on February 1 and August 21 this year, and a total of 436 draftees applying for participating in the donation and donating blood totaling 145,500 cc.



Substitute service draftees' blood donation in the city

## Management of Reserves

1. A total of 313,005 military reservists are under command by this City. This City will conduct

surveys on incidents and check the master files every six months to found the basis for mobilization for a war, if any.

2. This City authorized the military service deferral of 60 military reservists falling within subparagraphs (4) and (5) in 2018.
3. A total of 38,398 substitute service draftees Service of Reservist are controlled by this City. This City will record them into the book for control by the types of incidents and check the relevant record from time to time to prevent any deviation from or omission in the control.
4. Organization of Charity Activities for Military Reservists:

### (1) Blood Donation:

By cooperating with the District Reserve Military Counseling Center, the blood donation campaign was conducted and a total of 416,500 cc of blood was contributed.

### (2) Street Sweeping, Mountain Cleanup and Beach Cleanup Public Services:

Active moves have been taken by the District Reserve Military Counseling Center in this city for mobilizing the military reservists and their families to sweep the street in order to eliminate the breeding sources of Dengue Fever vector mosquitos, maintain the natural eco-system and show the care for the earth through these campaigns.



Blood Donation Public Service by the Military Reservists from Cianjin District



Special education school Cleanup by the Military Reservists from Lingya District



The Spring and Autumn National Martyrs Ceremonies of Military Cemetery

## *Management of Veteran's Shrine and Martyrs Shrine*

1. This City's military cemetery is situated in Yanchao and Niaosong respectively, occupying an area of 140,000 square meters in total. 19,616 single cinerary urn cabinets and 4,504 dual-cabinets (for couples) are installed in Yanchao Veteran's Shrine. 14,500 single cinerary urn cabinets are installed in Niaosong cemetery to accommodate the deceased military servicemen and veterans (their dependents).
2. This City's Veteran's Shrine organizes spring and autumn worship ceremonies for the military martyrs on March 29 and September 3 each year. Certain military-politic heads and the descendants of the deceased will be invited to attend the solemn and heartwarming ceremonies.
3. Yanchao cemetery is equipped with the first online worship system for military cemeteries throughout the nation, via which the descendants may worship their ancients from time to time. The visitors amounted to 13,206 persons attended the worship ceremony this year.
4. This City's military cemetery provides visitors with services from place to place 24 hours a day, organizes the spring and autumn national martyrs ceremonies on March 29 and September 3 each year, extends greetings to national revolutionary martyrs and victims and firefighting heroes and allocates the benefit for consolation totaling NT\$360,000 from the Mayor.

## *Taiwan Strait Battle of August 23rd Memorial Hall*

The first Taiwan Strait Battle of August 23rd Memorial Hall is founded in Wei-Wu-Ying Metropolitan Park, in order to enable the citizens to admire heroes of the historical battles and provide a venue of national defense education for war and peace, reminding the nationals how precious peace is. The visitors amounted to 12,145 persons this year.

## *Preparation for All-out Defense and Mobilization*

1. Organization of 41 Wan-An Air-Raid Drill:

The Drill was practiced from 13:30 to 14:00 on June 5, 2018, including practicing of prevention of intelligence transmission, release of alarms and evacuation of people and vehicles for 30 minutes. This Office was rated by the Executive Yuan as the Distinguished Award performing agency.



Joint Military and Citizen Air Raid Drill Hosted by Mr. YANG, Ming-Zhon, Deputy Mayor





Street Pedestrian and Vehicle Clearance during Joint Military and Citizen Air Raid Drill

2. This City's all-out defense and mobilization was evaluated as excellent (Group A) by the Executive Yuan in 2018.
3. Coordinating the military unit for rescue during storm and typhoon

During the storm period in August 23, this Office coordinated with the military soldiers to support the citizens to evacuate as well as the school and park cleanup tasks. In total, some 1,920 of soldiers and 380 of vehicles were mobilized for support.



Helping People to Evacuate during Storm Hazard



To disinfect and prevent during Storm Hazard

## *Service to Military Dependents' Villages*

1. To organize 11 health seminars for military dependents' villages this year, in which physicians were retained to teach how to keep healthy and the villagers actively participated.
2. To coordinate with the 8th Corps Command of the Army and Marines to help improve the environmental sanitation, trim road trees and maintain safety in the military dependents' villages, and complete 25 cases this year.



Military Dependents' Villages Health Seminar



## VII ▾ Exchanges with Foreign Cities

### *Intensified interactions with foreign cities, NGOs, and civic leaders worldwide*

1. Reception of guests: a total of 905 guests were received from January to December, 2018. The list of illustrious guests includes Mr. Sridharan Madhusudhanan, Director of India Taipei Association; Mr. Fernando Lugo, Paraguayan Congress and Senate President; members of the provincial assemblies of Ontario and Manitoba Province, Canada; Ms. Mieko Yoshimura, Governor of Yamagata Prefecture, Japan; Mr. Iwakura Hirofumi, Mayor of Tomakomai City, Hokkaido, Japan; Mr. Koji Ishimori, Mayor of Hachioji, Japan; Mr. Hagiuda Koichi, member of the House of Representatives, Japan; Mr. Endo, Chairman of the Wakayama City Councilor Alliance; Mr. Norihisa Satake, Governor of Akita Prefecture, Japan; business and tourism delegations from various cities and towns in Japan; Ms. Angela Owen, Chairman of Brisbane City Council, Australia; and Mr. Matthew O'Connor, AIT Kaohsiung Branch Chief.

2. Promotion of sister and friendship city agreements or exchange and cooperation memoranda with foreign cities worldwide:

(1) Exchanged a memorandum of international friendship with Ms. Masegi Tamaki, Vice Governor of Yamanashi Prefecture for the promotion of substantial cooperation and exchanges between Kaohsiung and Yamanashi in the fields of tourism, education, and industry on March 2, 2018.



Signing of an international friendship and exchange memorandum with Ms. Masegi Tamaki, Vice Governor of Yamanashi Prefecture, Japan.

(2) Conclusion of a friendship city agreement with Daegu City, Korea

Signed a friendship city agreement with Daegu City, Korea for strengthening mutual cooperation in the fields of economy, industry, technology, medicine, culture, tourism, and education on September 13, 2018.



Signing of a friendship city agreement with Mr. Lee Seung-ho, Deputy Mayor of Daegu City, Korea

(3) Signed a declaration for the strengthening of sister city exchanges with Fort Lauderdale

On occasion of the 10th anniversary of the alliance between Kaohsiung and Fort Lauderdale, the City Government signed a declaration for the strengthening of sister city exchanges with Mr. Dean Trantalis, Mayor



of Fort Lauderdale, on September 24, 2018. A cooperation agreement was signed with the Kaohsiung yacht industry to strengthen mutual friendship.



Signing of a declaration for the strengthening of sister city exchanges with Mr. Dean Trantalis, Mayor of Fort Lauderdale, USA.

(4) Signed a Friendship City Letter of Intent with Suwon City, Korea

A friendship city Letter of Intent was signed in Suwon, Korea on October 5, 2018. This represents a major milestone in the field of mutual cooperation and exchanges in recent years. Mr. Taeyoung Yeom, Mayor of Suwon City was invited to personally attend the Kaohsiung Lantern Festival in 2019.



Signing of a friendship city Letter of Intent with Mr. Hong Sa-joon, Director of the Office for Planning and Coordination, Suwon City Government, Korea.

*Mutual visits and exchanges with sister and friendship cities*

1. Ms. Mieko Yoshimura, Governor of Yamagata Prefecture, Japan, led a delegation of local business leaders on her third visit to Kaohsiung on January 21, 2018. The City Government also led a delegation to visit Yamagata Prefecture and inspect municipal installations from January 31 to February 3, 2018. The elected leaders of Kaohsiung City and Yamagata Prefecture conducted four mutual visits with delegations of representatives in the past two years. Substantial results were achieved through exchanges in the field of education and agriculture and a consensus has been reached on the accelerated promotion of industries and welfare in both cities.



Four mutual visits and exchanges were conducted by Kaohsiung City Government and Ms. Mieko Yoshimura, Governor of Yamagata Prefecture, Japan, in the past two years.

2. The mayor of Suwon City attended the Kaohsiung Lantern Festival in 2018. A marketing video was produced in which the Suwon City mascots visited popular attractions of Kaohsiung to introduce tourist attractions, cultural characteristics, and the natural environment of the City to Korean citizens.



The mayor of Suwon City participated in the 2018 Kaohsiung Lantern Festival; a marketing video was produced in which the Suwon City mascots introduce Kaohsiung from Asia's first electric ferry, Qifu Number One.



3.To mark the 30th anniversary of the sister city alliance between Kaohsiung City and Portland, USA, the City Government and representatives of Portland City Government planted rose bushes (Portland is also known as the “City of Roses”) as a token of the wonderful partnership between the two cities and as a symbol of lasting prosperity and friendship.



Rose bush planting ceremony with Portland City representatives on occasion of the 30th anniversary of the sister city alliance with Portland, USA

4.The City Government led a performance troupe composed of young members of the Bunun and Hla'alua tribes from Taoyuan Junior High School to attend the annual Hachioji Festival in Hachioji City, Japan, a friendship city of Kaohsiung, and engage in exchanges on culture, education, tourism, urban development and installations.



Participation in the annual festival of Hachioji City and exchanges with Mr.Koji Ishimori, Mayor of Hachioji, Japan, and various local leaders.

5.The City Government led a delegation to visit Akita Prefecture and its Governor, Mr. Norihisa Satake. The delegation also exchanged opinions on tourism development and regular charter flights between the two cities, and attended the

Akito Kanto Festival, which has a 270-year history and is considered one of the three major festivals in northeastern Japan.



Kaohsiung City representatives attended the Akito Kanto Festival, which has a 270-year history and is considered one of the three major festivals in northeastern Japan.

## *City Marketing and Exchanges Activites*

1.The Center for Strategic and International Studies (CSIS) in Washington, D.C. invited the City Government to give a speech to share experiences in the field of democracy and human rights in Taiwan and urban renewal in Kaohsiung.



US think tank CSIS invited former mayor Chen Chu to give a speech in Washington D.C.

2.The Korean Mission in Taipei invited Kaohsiung City Government to co-organize the Korean Culture & Performance Festival. On January 6, 2018, the “Korean Traditional Music – Listen to our Voices” performance was grandly held in Jih-Shan Hall, Kaohsiung Cultural Center to give Kaohsiung residents a deeper understanding of traditional Korean music.



3. 2018 Kaohsiung City Government International Affairs Briefing was held at Kaohsiung Exhibition Center on March 3, 2018. Representatives of sister and friendship cities in the US, Japan, and Korea, diplomatic envoys stationed in Taiwan, and VIP guests from government and industry circles were invited to participate. The goal of the meeting was to show the efforts and achievements of Kaohsiung City in the promotion of internationalization to the international guests.



Representatives of sister and friendship cities, diplomatic envoys stationed in Taiwan, and VIP guests from the government and industry circles were invited to participate in the 2018 Kaohsiung City Government International Affairs Briefing.

4. Mr. Thai-Nguyen Dang, a Vietnamese American, tried to locate Mr. Jin-An Song, a skipper from Kaohsiung, who had saved him 40 years ago. On April 30, 2018, he visited the City Government to donate 10,000 AUD to the “Mutual Funds in Marine Accidents for Fishing Boats in Taiwan”. The City Government was able to locate Ms. Li Wen, Mr. Song’s widow and several crew members in cooperation with NGOs. An appreciation meeting was organized on occasion of the reunion to demonstrate the kindness and warm hospitality of Taiwanese people to the world.



Mr. Thai-Nguyen Dang, a Vietnamese American, visits Taiwan to locate Mr. Jin-An Song, a skipper from Kaohsiung, who had rescued him 40 years ago.

5. The 2018 Cervantes Spanish Competition (Finals) was organized in cooperation with the Jianghua Education Foundation and Wenzao Ursuline University of Languages to attract Spanish speaking talent to Kaohsiung and thereby promote the internationalization of the city.



Organization of the 2018 Cervantes Spanish Competition (Finals) in cooperation with the Jianghua Education Foundation and Wenzao Ursuline University of Languages

6. The 2018 Job and Internship Fairs for Kaohsiung’s International Students was organized. Close to 200 international students from 35 countries eagerly participated in this event which aimed to motivate these students to search for employment in Kaohsiung.



2018 Job and Internship Fairs for Kaohsiung’s International Students aimed to motivate international students to search for employment in Kaohsiung.



7. The 2018 Welcoming Day for Kaohsiung's Freshmen was organized. This event aims to familiarize these freshmen with local indigenous culture and the history of Kaohsiung. The evening reception gave them a first-hand experience of Taiwan's unique banquet culture and stage truck performances. This event attracted 347 international students from around 40 countries.



347 international students from around 40 countries participated in the 2018 Welcoming Day for Kaohsiung's Freshmen.



The evening reception of the 2018 Welcoming Day was centered around Taiwan's unique banquet culture and stage truck performances.

## VIII 、 Land Administration

The Ministry of the Interior (MOI) gave an appraisal of the City's performance in land administration services in 2018. The Land Administration Bureau (LAB) gained a "Merit" grade for its overall ranking, including "Distinguished Honor" in the "land information management" category and "Excellence" in the "cadastral and land registration", "land value", "real estate transaction", and "urban land consolidation" categories, winning honorary recognition.

### *Cadastral Management*

#### *1. Cadastral management agencies*

The Land Administration Bureau (LAB) oversees land administrative affairs of the City.

District land offices are set up under the bureau to handle the tasks of registration, survey, pricing and use of land. Their jurisdictions are as follow:

- Sinsing Land Office: administering Sinsing and Lingya (2) districts.
- Yancheng Land Office: administering Yancheng, Cianjin, Gushan and Cijin (4) districts.
- Cianjhen Land Office: administering Cianjhen and Siaogang (2) districts.
- Nanzih Land Office: administering Nanzih and Zuoying (2) districts.
- Sanmin Land Office: administering Sanmin district.
- Fongshan Land Office: administering Fongshan and Dashu (2) districts.
- Gangshan Land Office: administering Gangshan,



Ciaotou, Yanchao, Yongan, Zihuan and Mituo (6) districts.

- Lujhu Land Office: administering Lujhu, Hunei, Alian, Cheting and Tianliao (5) districts.
- Daliao Land Office: administering Daliao and Linyuan (2) districts.
- Renwu Land Office: administering Renwu, Niaosong and Dashe (3) districts.
- Cishan Land Office: administering Cishan, Neimen, Shanlin, Jiasian and Namasia (5) districts.
- Meinong Land Office: administering Meinong, Tauyuan, Liouguei and Maolin (4) districts.

### 2. Land registration

- (1) As of the end of December 2018, there were a total of 1,460,275 plots of land registered in the City, amounting to a total area of 286,963 hectares (ha.). Registered buildings numbered 1,005,239 units (households), amounting to 55,223,872 pings (182,558,248 square meters).
- (2) In 2018, the total number of processed land registration cases at land offices in the City was 280,470, or 927,239 plots (units), which was 2,049 fewer cases than in 2015.

### 3. Land survey

- (1) In 2018, the total number of processed land resurvey cases at land offices in the City was 20,452 cases, or 45,296 plots, which was 1,434 less cases, or 921 less plots than in 2017. Building survey cases numbered 19,934 cases, or 20,596 plots, an increase of 3,924 cases, or 3,515 plots, from 2017.
- (2) In 2018, the land control points in the City have increased by about 1,077 points. They serve as references for cadastral surveying to enhance its accuracy, eliminate boundary disputes, and ensure the rights of land owners.

### 4. Resurveys of cadastral maps

To determine boundaries and safeguard

public interests, the City carried out cadastral map resurveys on a total of 8,009 plots of land, amounting to 1,215 hectares in 2018.

### 5. Cadastral clearances

- (1) The Implementation Plan of Cadastral Clearance was carried out; 14 land categories were completed for the tasks of clearance and public notification. A total of 7,697 plots of land were re-registered, with completion of clearances reaching 97.46%.
- (2) For the auctioning of land, a total of 112 plots of land had been auctioned off until 2018 over which ownership could not be determined by the cadastral clearance process. Their total bids amounted to NT\$124,669,294, reaching the goals of improved cadastral management and better land usage.

### 6. Land administration improvement measures

- (1) To achieve the goal of a “one-stop, cross-district service”, the LAB implemented simplified registration operations to facilitate cross-office applications. In 2018, a total of 82,071 cross-office registration cases were processed.
- (2) To keep up with current Internet trends, multiple channels were adopted for the application of registration transcripts, eliminating the need to fill out application forms. The LAB provided cross-office services to issue registration transcripts by the City and other counties and cities. In 2018, it approved a total of 300,730 cases, issuing 1,239,860 transcripts.
- (3) A 24/7 service was set up through the Taiwan E-Net Land Information System for data enquiries including the City’s cadasters, land value, cadastral maps, building addresses, results of building surveys, and indexing cadastral data changes.



- (4) The Household Registry Information System was used proactively to investigate individual household data of applicants, eliminating forgeries and alterations to safeguard the property rights of the public.
- (5) Information technologies were applied to scan original cadastral documents and preserve historic cadastral data permanently. The City also offered online image retrieval services to the public for applications for historical cadastral data. Approval and issuance procedures were fully computerized to ensure availability at any time and reduce waiting times. In 2018, a total of 5,193 applications for online retrieval were processed, with 38,471 documents issued.
- (6) The City fully implemented a management list of unregistered inherited lands and building improvements, urging and assisting the inheritors to register their inheritances as soon as possible. In 2018, a total of 788 house visits were conducted (675 cases were successful).

## *Equalization of Land Rights and Assessment of Land Value*

### *1. Announced current land values and announced land values*

On January 1, 2019, the announced current land values were adjusted by 0.33% on average: Of 11,090 land value sections in the City, 1,230 were adjusted upward, accounting for 11.09% of all sections. 9,725 were not adjusted, accounting for 87.69%. 135 were adjusted downward, accounting for 1.22%. The highest valued section was located at the Far Eastern Department Store in Lingya District, with an announced current value of NT \$570,000/m<sup>2</sup>. The lowest valued section was the national forest land in Taoyuan District, with an announced current value of NT \$41/m<sup>2</sup>. The

announced current land values for the whole city totaled NT\$11,247,078,895,000.

### *2. Compiling of an inventory of land with completed public facilities*

An inventory of land liable to land tax on the completion of public facilities was established in 2018.55 entries were made.

## *Land Rights Management*

### *1. Supervising of district offices on the registration of arable land under 37.5% lease contract*

In 2018, the implementation of the 37.5% Arable Rent Reduction Act produced a total of 1,744 plots of leased land, 978 lease contracts, 1,603 tenant households, 2,121 landlord households, and 331.81 hectares of leased land.

### *2. Arbitration of tenancy disputes*

In 2018, district offices organized a total of 4 arable land tenancy mediation meetings, mediating 3 tenancy dispute cases. The City government's Commission of Arable Land Tenancy held 3 sessions to arbitrate a total of 3 tenancy disputes.

### *3. Control of the legal rights of foreigners and Mainland China citizens to acquire land*

- (1) The City determines the rights of foreigners to purchase and transfer land in accordance with regulations set forth in Article 20 of the Land Act. In 2018, 132 cases were approved for foreigners (corporate entities included) to obtain ownership, including 180 plots of land and 129 building units (households); 72 cases of ownership transfer were approved, including 123 plots of land and 58 building units (households).
- (2) As of the end of 2018, the City approved 130 cases of acquisitions, creations, or





transfers involving 165 plots of land and 134 building units (households) in accordance with Articles 6 and 7 of the Regulations Permitting People and Legal Entities of the Mainland Area or Mainland-Funded Enterprises to Acquire, Create or Transfer the Property Rights of Real Estate.

#### *4.Managing City-owned arable land*

As of the end of December 2018, the City manages 1,311 plots of municipality-owned arable land, with a collective area of 475.20 hectares. 355 of these plots were leased with a 37.5% arable rent reduction, for a total of 104.74 hectares (including land not managed by the Bureau). 100 plots were leased without the 37.5% arable rent reduction, for a total of 46.6 hectares.

### *Regulations on Real Estate Transactions*

#### *1. Promoting of professionally licensed practices*

As of the end of 2018, the City granted 1,197 people the Land Administration Agent Practice License; 752 businesses applied for Real Estate Agency Permits, 622 of them completed their establishment filing; 1,144 Real Estate Broker Certificates were issued; 49 people were granted the Real Estate Appraiser Practice License. 65 Rental Housing Service Business Permits were issued. 15 Rental Housing Service businesses completed the registration process and acquired registration certificates.

#### *2.Handling real estate consumer disputes*

In 2018, the City mediated 74 consumer dispute cases with brokers of readily available housing (7 cases are still in progress); a settlement was reached in 41 of these cases for a settlement rate of 61.2%

#### *3.Actively sponsoring of the “Actual Price Registration” policy*

- (1) The Actual Price Registration policy was actively promoted through various large-scale events. In 2018, a total of 40,850 cases of actual price transactions were registered. The disclosure rate reached 95.25%.
- (2) Sampling verification was conducted for 8.92% of all cases of actual reporting and registration in 2018 to guarantee the accuracy of real estate transaction information and implement an audit mechanism. Cases in which reported and registered prices significantly differ from regular market transaction prices or registered information is suspected to be false are listed as priority targets for audits. A total of 965 cases of real estate transactions, rentals, and pre-sold housing were audited in 2018.

#### *4.Strengthening audits of standard contracts and advertising contents to safeguard consumer rights and interests*

Businesses were actively supervised to ensure that they abide by regulations newly enacted by the central government governing standardized real estate contracts and legal concepts governing advertising promises to safeguard consumer rights and interests and implement auditing and management of real estate agencies as prescribed by the Ministry of the Interior and Executive Yuan.

### *Land Expropriation and Appropriation*

#### *1.Land Expropriation*

In 2018, the City carried out land expropriation and obtained 46 plots of land in 12 cases for public facilities, covering 3.98 hectares. Compensation for land expropriation amounted to NT\$ 125,817,882.

#### *2.Public Land Appropriation*

The City handled 84 cases of land appropriation for public facilities and obtained 476 plots of land



in 2018, covering a total area of 36.20 hectares. 12 cases were compensated and 72 were not compensated. Simplified management and agency transfer was completed for 19 cases or 279 plots, covering an area of 6.52 hectares.

## *Classification and Regulation of Non-urban Land Use*

### *1. Classification of non-urban land use in the City:*

210 cases were completed in 2018, involving 2003 plots of land.

### *2. Regulation of non-urban land use in the City*

In 2018, the number of cases where penalties were imposed for illegal land use in accordance with the Regional Planning Act was 305, involving 436 plots of land and covering an area of 60.050526 hectares. The total amount of fines imposed stood at NT\$22,600,000.

### *3. The City's first designation of non-urban land use was as follows:*

533 plots of land for “Special Agricultural Zone” cases, 366 plots of land for “General Agriculture Zone” cases, 818 plots of land for “Slope Conservation Zone” cases, 438 plots of land for “Forest Zone” cases, and 31 plots for land for “River Zone” cases, 16 plots of land for “Special Zone” cases, and 154 plots of land for “Village Zone” cases; a total of 2,356 plots of land were registered in the 2018 Land Office ledgers.

## *Land Development and Utilization*

The City started to implement urban land consolidation in 1958. Until the end of 2018, it completed the consolidation of 4,134.95 hectares in total (3,417.86 hectares for the public sector and 717.09 hectares for the private sector), developing 2,629.18 hectares of construction land (2,151.70 hectares for the public sector and 477.48 hectares for the private sector) and acquiring 1,505.77 hectares of land for public facilities without paying compensation (1,266.16 hectares for the public sector and 239.61 hectares for the private sector). As of 1989, the City has carried out zone expropriation. Until the end of 2018, it completed 1,488.13 hectares in total, developing 745.47 hectares of construction land and acquiring 742.66 hectares of land for public facilities without paying compensation. The total area of urban land consolidation and zone expropriation in the City was 5,623.08 hectares, including the development of 3,374.65 hectares of construction land and acquisition of 2,248.43 hectares of non-compensated land for public facilities.

The land development tasks performed in 2018 can be summarized as follows:

### *1. Land Consolidation*

#### (1) Land Consolidation

A. The Phase-70 Consolidation Zone covers a total area of 8.01 hectares. Upon completion it yielded 2.81 hectares of public facility land from non-compensated acquisitions and 5.20 hectares of construction land. Land allocation is currently being administered. Consolidation is scheduled to commence on January 2, 2019.



Schematic diagram of urban land consolidation (Phase 70)

B. The Phase-80 Urban Land Consolidation Zone covers a total area of 8.29 hectares, yielding 5.51 hectares of construction land and acquisition of 2.78 hectares of non-compensated land for public facilities. Land acceptance and handover is currently being administered. Consolidation is scheduled to be completed in August 2018.



As-completed diagram of urban land consolidation (Phase 80)

C. The Phase-83 Urban Land Consolidation Zone covers a total area of 7.09 hectares, yielding 2.39 hectares of public facility land from non-compensated acquisitions and 4.70 hectares of construction land. Land acceptance and handover is currently being administered.

Consolidation is scheduled to be completed in October 2018.



As-completed diagram of urban land consolidation (Phase 83)

(2) Urban Land Consolidation Zone (Phase 71)

This consolidation zone is located at the Kaohsiung Main Station and its east wing area, covering a total of 24.74 hectares. Upon completion it will yield about 9.81 hectares of exclusive station zone, about 5.61 hectares of a special commercial zone, about 0.55 hectares of a general commercial zone, and about 8.77 hectares of acquired non-compensated land for public facilities. In accordance with the progress of investigations of structures above land, the project is carried out in two stages.



Schematic diagram of urban land consolidation (Phase 71)

(3) Urban Land Consolidation Zone (Phase 81)

This zone covers a total area of about 48.78 hectares. Upon completion, it will yield 20 hectares of public facility land from non-compensated acquisitions and 28.78 hectares of construction land. Urban planning modifications are currently carried out in accordance with review opinions



of the Ministry of the Interior regarding consolidation plans.



Schematic diagram of urban land consolidation (Phase 81)

(4) Urban Land Consolidation Zone (Phase 85)

This zone covers a total area of about 7.97 hectares. Upon completion, it will yield 2.79 hectares of public facility land from non-compensated acquisitions and 5.18 hectares of construction land. Land allocation objections are currently being resolved. The consolidation project is divided into three stages.



Schematic diagram of urban land consolidation (Phase 85)

(5) Urban Land Consolidation Zone (Phase 86)

This zone covers a total area of about 12.40 hectares. Upon completion, it will yield 7.97 hectares of warehouse transshipment land and 4.43 hectares of public facility land from non-compensated acquisitions. Land allocation design and calculation of burdens are currently actively in progress.

(6) Urban Land Consolidation Zone (Phase 87)

This zone covers a total area of about 28.88 hectares. Upon completion, it will yield 17.59 hectares of construction land and 11.29 hectares of public facility land from non-compensated acquisitions. Demolition of structures above land is currently in progress.

(7) Urban Land Consolidation Zone (Phase 88)

This zone covers a total area of about 11.21 hectares. Upon completion, it will yield 5.39 hectares of construction land and 5.82 hectares of public facility land from non-compensated acquisitions. Pre- and post-consolidation land value appraisals are currently in progress.



Schematic diagram of urban land consolidation (Phase 88)

(8) Urban Land Consolidation Zone (Phase 89)

This zone covers a total area of about 23.25 hectares. Upon completion, it will yield 10.83 hectares of construction land and 12.42 hectares of public facility land from non-compensated acquisitions. Registration of changes in land rights is currently in progress and consolidation is scheduled to be completed in January 2019.



As-completed diagram of urban land consolidation (Phase 89)



(9) Urban Land Consolidation Zone (Phase 92)

This zone covers a total area of about 26.60 hectares. Upon completion, it will yield 20.19 hectares of construction land and 6.41 hectares of public facility land from non-compensated acquisitions. Pre- and post-consolidation land value appraisals are currently in progress.



Schematic diagram of urban land consolidation (Phase 92)

(10) Urban Land Consolidation Zone (Phase 93)

This zone covers a total area of about 15.85 hectares. Upon completion, it will yield 10.79 hectares of construction land and 5.06 hectares of public facility land from non-compensated acquisitions. Investigation of land allocation objections is currently in progress and consolidation will commence in February 2018.

(11) Urban Land Consolidation Zone (Phase 94)

This zone covers a total area of about 20.27 hectares. Upon completion, it will yield 7.95 hectares of public facility land from non-compensated acquisitions and 12.32 hectares of construction land. Consolidation plans are currently being announced.



Schematic diagram of urban land consolidation (Phase 94)

(12) Urban Land Consolidation Zone (Phase 95)

This zone covers a total area of about 10.01 hectares. Upon completion, it will yield 4.13 hectares of public facility land from non-compensated acquisitions and 5.88 hectares of construction land. Consolidation plans are currently being announced.

(13) Urban Land Consolidation Zone (Phase 96)

This zone covers a total area of about 4.89 hectares. Upon completion, it will yield 1.71 hectares of public facility land from non-compensated acquisitions and 3.18 hectares of construction land. Deliberations for the convening of a landowner conference are currently in progress.

(14) Urban Land Consolidation Zone (Phase 97 - Wungao Land)

This zone covers a total area of about 3.46 hectares. Upon completion, it is expected to yield 1.18 hectares of public facility land from non-compensated acquisitions. The original scope of expropriation for the Wungao Land is currently being revoked by the Ministry of the Interior upon submission of a report by the Ministry of Education, the original requesting agency. Urban consolidation operations will be initiated upon completion of expropriation revocation.

(15) Urban Land Consolidation Zone (Phase 99 - Aoti 2 Land)



This zone covers a total area of about 3.08 hectares. Upon completion, it will yield 1.50 hectares of construction land and 1.59 hectares of public facility land from non-compensated acquisitions. The scope of this consolidation project was determined on July 19, 2018. A conference attended by owners of land plots within the scope of this consolidation project was convened on August 31, 2018. The burden of land consolidation for this zone exceeds 45%. Approval of expropriation has been obtained and the consolidation plan was submitted to the Ministry of the Interior on December 17, 2018. The Ministry of the Interior convened a consolidation plan review meeting on February 25, 2019, which resulted in agreement in principle. Upon public announcement, release, and implementation of the urban plan, the consolidation plan for this project will be publicly announced and an information meeting for landowners will be organized.

(16) Encouraging private urban land consolidation

In 2018, the City approved 27 urban land consolidation zones implemented by the private sector, covering a total area of about 170.10 hectares.

## 2. Zone Expropriation

(1) Cianjhen District 205<sup>th</sup> Arsenal zone expropriation

This zone covers a total development area of about 58.35 hectares and will yield 29.05 hectares of public facility land from non-compensated acquisitions and 29.30 hectares of construction land upon completion. The period of public notice for this zone expropriation plan has officially expired.



Schematic diagram of the 205th Arsenal

## 3. Land auction in development zones

In 2018, the City auctioned off a total of 58 plots of land in the development zones, involving a total area of 8.51 hectares. The total transaction amount exceeded NT\$ 10.2 billion.

## 4. Reducing of development costs

- (1) The City arduously collects differential land values to recover development costs in all development zones. In 2018, a total of NT\$14,928,114 was collected.
- (2) The City allocates and utilizes incomes and expenditures in a flexible manner. From 1996 to 2018, surpluses amounting to NT\$26.13 billion were successively deposited into the City Treasury.

## 5. Support for municipal construction

The City government allocates surpluses from areas where urban land consolidation or zone expropriation has been completed to support the construction of neighboring development zones and advance their development with the ultimate goal of ensuring sound municipal construction. As of the end of December 2018, a total of NT\$ 494,770,000 was allocated from the Equalization of Land Rights Fund.



### *6.Improvement of agricultural waterways in farmland consolidation zones*

- (1) In 2018, a budget of NT\$72,000,000 was allocated to improve agricultural waterways in farmland consolidation zones. A total of 105 waterways were improved in 13 administrative districts.
- (2) Along with a subsidies of NT\$49,000,000 by the Council of Agriculture of the Executive Yuan, the City contributed NT\$9,333,333 to a total budget of NT\$58,333,333 to improve 102 agricultural access roads.

## *Land Administration and Geographic Information System (GIS)*

### *1.E-commerce in land administration*

Integrating data from the City’s Urban Development Bureau, Public Works Bureau and land administration offices around the country, a 24/7 online land information service is provided. In 2018, the e-commerce Land Information System (LIS) generated a shared revenue of over NT\$63 million.

### *2.Land administration and land development information service*

- (1) The City’s Land Administration Bureau (LAB) has earned distinguished ratings at the National Land Information Service Appraisal by the Ministry of the Interior (MOI) for twelve consecutive years (from 2007 to 2018).
- (2) The “Land Information Security Management System” (ISMS), which represents the City’s land information operating environment, was granted the ISO27001 certificate issued by the Taiwan Accreditation Foundation (TAF) and international accreditation organizations,

bearing witness to its validity in information security.

- (3) The City Government assists the Ministry of the Interior in the development of a “Cross-County/City Land Registration System” and the maintenance and management of a “Web-based Computer Operating System for Land Registration, Land Resurveying, Land Valuation, and Land Use”, thereby facilitating the establishment of a nationwide registration system and maintenance/management of the land administration system with added/modified functions.
- (4) The City Government has acquired subsidies for forward-looking infrastructure projects in the context of the “Program to Strengthen the Information Security and Regional Mutual Defense Mechanisms of Local Household Registration and Land Administration Agencies” and carried out the 2018 “Land Administration IT Equipment Upgrade and Data Transfer Project”. The goal is to replace IT and information security equipment of the City’s Land Administration Bureau and its subordinate agencies, install land administration host computers and relevant software, and complete transfer of land administration data.
- (5) The City Government implemented the “Expansion of Related Land Administration and Development Systems” to meet operational demands for adding/modifying the plug-ins of the Lands Integration System and enhancing its land administration functions, thereby improving its performance in the fields of land administration and the management of land development.

### *3.Promotion and application of geographic information*

- (1) The “Project for Utilization of Unmanned Aerial Vehicles to Capture Development Zone Images” was implemented to support land development and management. In 2018,



aerial high-resolution orthophotos were shot for 17 development zones.

- (2) The LAB implemented the “2018 Geographic Data Warehouse System and the Functional Expansion of the Common Platform”. A number of tasks were carried out including a cadastral data update, expansion of GIS common application platform functions, establishment of land administration and spatial data application API to ensure the provision of more comprehensive geographic data system services. The “Kaohsiung Cadastral Map and Data Service Web” was created to assist the City government’s agencies in their administration and management. The City Government was awarded the 2016 TGOS Logistics Service Award by the Ministry of the Interior.

- (3) The City Government carried out the “3D Multipurpose Cadaster Data Project” to continue the tasks of image data establishment, including the digitization and archiving of building data and 3D cadastral models of the buildings within the City’s jurisdiction, in order to achieve the integration of a digital city and 3D cadastral data. In 2018, detailed 3D models of over 2700 numbered buildings which are located in the Museum of Fine Arts area in Gushan District and the Agricultural Expropriation Zone 16 were created and expanded functionality of the “3D Multipurpose Cadaster Data Query System” was completed.

## IX 、 Affairs of Indigenous People

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### *The Population of the Indigenous People and the Distribution of Tribes*

There are 16 different tribes of indigenous people who have registered their households in different parts of Kaohsiung City. As of the end of December 2018, the population data showed a record of 34,670 people in total (12,876 plainland indigenous people, 21,794 mountain indigenous people; 16,335 males, 18,335 females). The top 4 areas with the most distribution of indigenous population are Taoyuan district (3,992 people), Xiaogang district (3,602 people), Fengshan district (3,804 people), and Namasia district (2,732 people); the combined number occupied 38.6% of the whole indigenous population living in the city. Breakdowns according to tribes: 28% from the Amis tribe, 26.2% from the Bunun tribe, 7.7%

from the Rukai tribe, 4% from the Atayal tribe, 0.95% from the Hla'alua tribe, 0.8% from the Kanakanavu tribe, and the remaining 7.05% was made up by indigenous people from other tribes.

### *Objective of the aboriginal affairs policies*

1. To preserve and disseminate the aboriginal culture, to educate the respect for differences between non-aboriginal and aboriginal cultures, to further advocate the ideas and values aboriginal people uphold, and to encourage communications and exchange of cultures between different ethnic groups.
2. To consolidate school resources, to ensure the rights of aboriginal people to education, to deepen the understanding of aboriginal education and their culture, and to make more prevalent





- pre-schooling educations within the aboriginal communities.
3. To reinforce aboriginal college lifetime educations, bringing together schools, clubs, churches, and aboriginal people associations within communities to establish aboriginal language schools, information technology classes, career-training classes, and to make possible better life qualities in aboriginal communities.
  4. To reinforce the consulting aspects of aboriginal clubs, aboriginal people associations, to set up events for the encouragement of communication between city and rural cultures, and to enhance the friendship and partnership between different aboriginal tribes in the city areas so they may stand better chances for opportunities such as jobs and receiving education.
  5. To create activities for aboriginal youths and career-education students, to reinforce aboriginal youths' identification with their own cultures so they can pass down such cultures to the next generations.
  6. To continually hold Kaohsiung Austronesian Cultures Festival, to encourage international cultural exchanges, to promote Taiwanese aboriginal cultures, and to help market the Kaohsiung city image as the multi-cultural, multi-faceted community.
  7. To encourage exercises and sporting activities to promote health in the city residents. To reward and acknowledge outstanding sportsmen with aboriginal ethnicity, who can help create healthier city lives for its residents.
  8. To enforce Aboriginal Job Rights Protection Laws, ensure appropriate allocation of job resources. To strengthen aboriginal people's skills for careers, and to hold events that can promote a higher employment rate within the community.
  9. To implement medical and hygienic services and increase aboriginal people's participation in the national health care system. To set up the security network for aboriginal communities and to strengthen care service for them.
  10. To promote education for gender equality, to assist women with getting careers. To hold seminars discussing related legal issues and provide legal consulting services to protect their rights.
  11. To help aboriginal people get a head start in their finances, and to help them with finding funding and endorsements.
  12. To promote aboriginal housing policies and the better management of Naluwan national housing community. To assist the application of funding for home purchases and the maintenance of houses, and to make a better living environment for aboriginal people.
  13. To construct roads and basic infrastructure to improve traffic in tribes and their qualities of lives.
  14. To write up proposals for affairs regarding aboriginal preservation land rights: the right to own, to manage, to use, the preservation of forests, creation of forests by people, usage/management of lands outside preservation limits and any other affairs of related issues.
  15. To develop aboriginal region tourism, aboriginal arts and crafts, farming, fishing, animal husbandry and the related marketing services for such.

## *The Reappearance of the Austronesian Culture in Kaohsiung*

### *1. Promoted Indigenous Social Education and Provided Diversified Learning Pathways*

- (1) Different programs are offered every year to promote lifelong learning, heritage of the indigenous peoples' traditional skills and knowledge, contemporary knowledge learning, and enhancement of the indigenous people's manpower quality. The 4 types of programs offered are indigenous cultures,



industrial development, life knowledge and skills, ecological and tribal creation. In 2018, 64 four classes were set up and had 1,273 students; 2 learning-outcome exhibitions were held with over 800 participants.

- (2) Cooperated with the National Open University and the Indigenous Tribal College in establishing the “Creative Indigenous Culture Industry Credit Program”, which is divided into 4 individual fields: “Indigenous Cultures Credit Program”, “Industrial Development Credit Program”, “Life Knowledge and Skills Credit Program” and “Ecology and Creation Credit Program”.

Following the completion of a program, a certificate of completion will be awarded; when all of the 4 programs are completed, a “Creative Indigenous Culture Industry Credit Program” certificate (80 credits) will be awarded.

With the “Creative Indigenous Culture Industry Credit Program” certificate, the awardee only has to complete 48 additional credits to obtain a bachelor’s degree. This ensures that the programs offered by the Indigenous Tribal College are equipped with both theoretical knowledge and practical skills, which encourages the indigenous people to study for a university degree.



Indigenous Tribal College

- (3) Cooperated with Kaohsiung Broadcasting Station in airing the self-made broadcast

program, “E-la Indigenous People”, which is broadcasted from 4 pm to 5 pm on every Wednesday, and rerun from 1 pm to 2 pm on Sunday. The program contains interviews with indigenous people from different industries, happenings in the tribes, promotion of the industries from indigenous people’s hometown, and promotion of information about indigenous activities and government decrees.



Indigenous Language Broadcasting Program

## 2. Promoted and Integrated Indigenous Languages Into Everyday Life

- (1) Language learning classes were set up to pass down the mother tongues of different indigenous tribes, inspire willingness in indigenous people to use their indigenous languages and drive the revitalization of the indigenous languages.

1 indigenous church indigenous language (Bunun) learning class, 8 indigenous language learning classes (contained 3 languages: Amis, 'Oponoho, Bunun), 3 indigenous certificate classes (contained 3 languages: Amis, Pinayuanan and Bunun), 6 Indigenous Language Gathering Party classes (contained 5 languages: Drekey, Bunun, Pinayuanan, Truku and Amis) were set up. There were a total of 369 beneficiaries.

- (2) Produced the indigenous language broadcast program, “No Wonder”, which airs from



11 am to 12 pm on every Saturday. The indigenous language broadcast program consisted of traditional tales told in their respective indigenous languages, “Indigenous Language E-Playground” conversation and indigenous language ballad singing tutorial from the daily conversation chapter (contained 9 languages: Ngudradrekay, Bunun, Amis, Pinayuanan, 'Oponoho, Kanakanabu, Truku, Hla'alua, Seediq). The program benefited around 10,000 people.

- (3) Participated in the finals of the 8th “Indigenous Language Drama Competition” in 2018. This city’s representing team for the family group, Bulay, won the championship, a monetary reward of 60,000 NTD, the best actress award and a monetary reward of 10,000 NTD. The representing team for the adult group, “Hla'alua Culture and Education Association” won the championship, a monetary reward of 100,000 NTD, the best actress award and a monetary reward of 20,000 NTD. The representing team for the student group, Xingzhong Elementary School from Taoyuan district, won the championship and monetary reward of 100,000 NTD. The combined amount of the aforementioned monetary rewards is 290,000 NTD.



Indigenous Language Drama Competition

- (4) Conducted the Indigenous Language Teacher Empowerment Program at the National Open University from Kaohsiung City. There were 47 participants (16 males, 31 females). The program contained the indigenous language lesson plan’s philosophical structure and

essentials, group hands-on implementation of designed indigenous language lesson plan, research and development of indigenous language teaching and teaching aids, demonstration of lesson plan design and teaching aids, indigenous language learning list and teaching demonstration. The program also includes the definition and dimensions of the literacy guide on core competencies in the 12-year Basic Education, the difference between the Grade 1-9 Curriculum and the 12-year Basic Education, instructions on drafting a lesson plan, practice (drafting of the lesson plan) and demonstration of teaching and etc.

- (5) The 2018 Indigenous Language Promotion has established a subsidy program which hired 13 indigenous language promoters; the programs executed are indigenous language teaching classroom, indigenous language gathering place, indigenous language learning family, corpus collection and other affairs relating to the promotion of indigenous languages.

### 3. Promoted Folk Ceremonies, Cultural and Social Education Events

- (1) Organized the 2018 Kaohsiung City Indigenous People Joint Harvest Festival - Miilisin. The Amis Harvest Festival used the Amis tribe as the representative tribe in the performance. 35 groups from this city participated in the Joint Performance and a total of 130 stalls, attracted over 10,000 people to participate in the event. Traditional fun competitions included bunny hopping in sacks, load-bearing relay race, betel leaves speed relay-racing and net-casting. There were 3 categories for the physical skill competitions: traditional tug-of-war, traditional archery, and traditional wrestling. It was estimated that 500 participants took part in the competition.



Joint Harvest Festival Ceremony

- (2) Organized a series of events for the Indigenous Peoples Day, Senay - Taiwanese Indigenous People Symphony Music Festival that was performed by Kaohsiung Symphony Orchestra, Puzangalan Children's Choir, GMA Indigenous Singers Nanwan Sisters, and Hao En were invited and performed together on stage. Their performance attracted over 1000 audiences.
- (3) The 2018 Annual Guidance assisted the indigenous clubs, churches, associations of townsmen and schools in organizing a total of 15 folk ceremonies, cultural and social education activities



Folk Rituals Ceremony

- (4) Organized the learning series of the social education activities project, which provided subsidiaries to 5 clubs in this city and proposed 5 projects. The total subsidy issued was 708,748 NTD.
- (5) Organized the Taiwanese Plainland Indigenous Settlements Vitalization Subsidy Project, which assisted in proposing the Taiwanese Plainland Indigenous Peoples Settlements Vitalization Subsidy Project. Assisted three settlements, Laonong,

Sunlight Xiaolin and Mushan, in passing the subsidy evaluation, and received a total of 3,615,000 NTD in subsidy

#### *4. Value Indigenous Education and Children's Educational Welfare.*

- (1) Conducted persistent collaboration with the Bureau of Education in promoting the implementation of the Indigenous Experimental School Project in Duona Elementary School, Municipal Maolin Elementary School, Zhan Shan Elementary School.
- (2) Approved and issued the 2018 Preschool Childcare Subsidy to 1616 people, in which 742 from public kindergartens and 874 in private kindergartens. The total expenditure issued was 14,625,595 NTD.
- (3) Approved the 2018 free-of-charge nutritious lunch for indigenous students, benefiting 1,889 students in elementary school, 801 students in junior high school. The issued subsidies benefited a total of 2,690 students.
- (4) Issued the 2018 Indigenous Students Academic Excellence and Special Talents Scholarships to 1,186 students, the total amount awarded was 2,938,000 NTD.

#### *5. Promoted the Sporting Movement in Indigenous Tribes*

- (1) In an effort to regulate the usage management of Fans Malibu Slow Pitch Softball Field, the Fans Malibu Slow Pitch Softball Field Usage Regulations was released on 14th June 2018. According to the regulation, baseball activities hosted by the baseball teams registered under Kaohsiung City were required to register for the use of the venue.
- (2) Organized the "2018 Kaohsiung Southern Cross-Island Marathon" long-distance running event. 4 categories were available for registration: full marathon, half marathon, 10.5k group, and 5k group. 1,154 people



paid and registered for the event; more than 2,000 people participated in the actual event.

- (3) Organized the 2018 Kaohsiung City Mayor Cup Slow Pitch Softball Tournament. For the 2018 Indigenous Peoples Sports Competition, the representing team of this city registered for the Kaohsiung Team and Open for the slow-pitch selection match. The Kaohsiung team was the representing team for the selection match of 2019 National Indigenous Sports Competition Slow Pitch Softball Tournament, which a total of 3 teams participated. The Open was divided into the Adult Group (6 teams) and Middle-Aged Group (5 teams), a combined of 11 teams participated in the tournament. The event attracted over 500 participants.



Indigenous People Baseball Competition

### *Created the Indigenous Peoples Welfare Service Network*

1. Provided the indigenous people aids for emergency situations for 74 people, and medical assistance for 125 people.
2. Provided the Council of Indigenous Peoples' Subsidy for the Construction and Renovation of Housing for the Economically Disadvantaged Indigenous People to a total of 51 households, helping this city's indigenous people to reduce their financial burden on purchasing houses. Subsidies were provided to this city's
- 17 indigenous families for constructing and renovating their personal property and enhancing their living quality. Public housing was purchased to set up the Naluwan Indigenous Community, Wujia Social Housing; the properties were then rented to indigenous people at a reduced price, taking care of the middle and low-income families and settling their housing issues.
3. Appointed lawyers for the fellow indigenous people and provided free legal consultation services for 58 people.



Promotion of Law

4. Organized 38 talent hunt and job recruitment activities to assist the indigenous people in landing suitable jobs rapidly. According to the Diversified Indigenous Occupational Education Training Subsidy Project, subsidies were provided to 15 people who had obtained their graduation certificate or license. Provided counsellings to 308 indigenous people who had obtained technical license to increase the professional skills of the indigenous people and strengthening their workplace abilities.
5. Organized 17 educational talks and communication platforms on indigenous women's rights.
6. Organized 2 Indigenous Social Welfare Liaison Meetings in 2018.
7. Set up 5 Indigenous Families Service Centers (in Maolin District, Namaxia District, Taoyuan District, North Metropolitan District, and South Metropolitan District). When an indigenous family experienced life or financial difficulties, immediate care, consultation and assistance on



the application of various social assistance grants or welfare resources were provided. The service was provided to 923 people.



Indigenous Family Service Center

8. Set up 23 Tribal Culture Health Stations and 3 Metropolitan District Elderly Day Care Centers that served 752 people. The activities include nutritious meals, health improvement program, counseling session, and etc. The Shanlin District Big Love Culture Caring Health Station was evaluated as excellent in the Southern district.



Indigenous Culture Health Station

9. Set up 2 indigenous metropolitan farms (located at Dapingding Fengduan and Nanzi District). Provided each indigenous family that had their household registered in this city with a piece of land that is 10 ping (app. 3.3058 km<sup>2</sup>) and 5 ping (app. 1.6529 km<sup>2</sup>) in land area, which a total of 130 households applied. The farm not only provided the indigenous people who live in the metropolitan area with an environment for cultivation, but it can also be used as a platform to pass down and educate the next generation about the traditional indigenous agricultural knowledge.



Indigenous Peoples Metropolitan Farm

10. Executed the first stage of the 2018 “Prospective Basic Infrastructure Construction - Urban and Rural Construction - Indigenous Tribal Construction Project - Indigenous Tribal Culture and Health Combined Service Station Friendly Space Construction” Project. 21 Culture and Health Stations within the jurisdiction have applied. The total expenditure for the project is 27,974,457 NTD.

### *Secured the Indigenous Land and Promoted the Afforestation Business*

1. Organized the “2018 National Implementation of the Afforestation Movement Project - Management of Exploited-Beyond-Limits Hillside Land Project”. Provided incentives for afforestation on land that were exploited beyond limits and the project detected a 259.72 hectare of up-to-standard land. The actual incentive issued by the Executive Yuan Council of Agriculture Soil and Water Conservation Bureau was 4,719,000 NTD.
2. Managed the transfer of ownership Indigenous Conserved Area. The Restoration of Indigenous People’s Right to Conserved Area Project managed the transfer in a total of 88 registered cases and benefiting 55 people. The project also managed 19 cases of non-indigenous people’s inheritance of tenancy in Taoyuan District. 20 letters of agreement for the emergency use of land were issued by Taoyuan District, Maolin



- District and Namasia District Township Office.
3. Promoted the 2018 Native Area Traditional Heritage Site and Ecological Resources Preservation Project, in order to train the members' abilities to explain and illustrate in the natural resources and ecological tours, and checking the Cultural Relics and etc. Providing job opportunities and missions, such as patrolling, guiding, conservation and tribal friendly value-added services, prevention of disaster, relief in times of disasters, and etc., to 27 local indigenous people. Provided the experts with 26 hours of counseling and traditional culture and natural resources management training. Traditional tangible culture investigation and maintenance of 12 sites/380km; 369.90 hectares of traditional ecological resources were subjected to sustainable use; 102 cases of tribal friendly value-added services.
  4. The 2018 Compensation for Prohibition of Logging in the Indigenous Conserved Area Project aimed to deal with matters in regards to the compensation for prohibiting logging within the indigenous conserved area and, by extension, achieving goals such as protection of the national land, replenishing of water resources, greening of the environment, nature and ecological conversation, and because of climate change, to mitigate the damage done by natural disasters. The project followed the principle of "the benefiting party pays, and the regulated party is compensated" and complied with the governmental policies on afforestation and forest cultivation. The project protected the traditional indigenous knowledge and stimulated the economic development of the indigenous people. The project covered 2,900 hectares in land area and an expenditure of 87,000,000 NTD was issued, which is funded by the Council of Indigenous Peoples.
  5. Organized the Indigenous Conserved Area Afforestation Reward Project that covered an approximate land area of 771.545 hectares and incentive of 160,938,000 NTD. The incentive

- was subsidized by the Forestry Bureau of the Council of Agriculture, Executive Yuan.
6. The Kaohsiung City Maolin Hot Spring Industry Demonstration of the New Construction Project bid was awarded on the 15th of May 2018, and the construction registration was completed on the 21st October of the same year. The construction cost 73,568,000 NTD and had a construction period of 300 working days. The construction was estimated to complete on the 31st of December 2019.

### *Developed the Indigenous Peoples Industries*

1. Provided counseling to the indigenous people in the application of the Indigenous People Composite Development Loan. A total of 282 applications for Business Development Loan and 223 applications were approved, with the issued amount of 67,390,000 NTD.
2. 367 cases of approved loans, and loan consultations and counseling that focused on the financial management affairs consultation in different districts, or actual undertakers of indigenous business. Organized aid-extension projects and conducted follow-up visitations and communication, counseling sessions and investigations on every household.
3. Supported indigenous businesses development and executed the promotion of indigenous loan projects. At the same time, increased the success rate of loans issued by this project and organized 35 activities that included the management of various loans offered by the Indigenous People Composite Development Funds, credit security business, financial knowledge education, family financial management guidance and etc.
4. Organized the "Research, Development and Marketing of Handmade Aiyu Jelly Project". The 1 innovative handmade innovative handmade aiyu jelly product, obtained 80% rate on the willingness to try and acceptance rate from the product's market research conducted. The Type



3 innovative research and development product gift box had 5 cooperated sales physical stores, 3 online stores, 23 media marketing exposure and 2 brand promoting events.



#### Innovative Handmade Aiyu Products

5. Cooperated with Taiwan Pasiwali Festival for a total of 4 times in organizing the “Kaohsiung Tabakai” marketing promotion activities. The “Green Mountain, Blue Ocean, and Emerald Corridor - Kaohsiung Tabakai Harvest Festival” activity, Kaohsiung International Food Show and Asia Pacific Culture Day. Consistently promoted the innovative aiyu jelly carry bag which resulted in more than 12,000 participants.
6. Promoted the tourism industry in the indigenous areas and participated twice in the Kaohsiung International Travel Fair (summer and winter), which had approximately 100,000 participants.
7. Organized the “2018 Kaohsiung Southern Cross-Island Marathon” long-distance running event - contestants’ night. The performance mainly presented the locality, which not only allowed the contestants to taste the delicious food but also experienced firsthand of the happiness and passion of the people.
8. Organized the “Environment Sustainability and Loving the Earth Charity Series - Reuniting with Houjing Creek, Thousands love the Aiyu Jelly” that had approximately 4000 participants.
9. Provided assistance and guidance to Namasia District in organizing “Namasia Knows How to Run – 2018 Namasia District Agricultural Marathon Road-Running” activity, with approximately 800 participants.

10. Cooperated with the “2018 Metropolitan Joint Harvest Festival” activity, which assisted 114 indigenous stalls from this city in exhibiting and selling handmade crafts and agricultural products at Kaohsiung International Flower Market, with an approximate sales volume of 771,670 NTD.
11. Organized the “Kaohsiung City Siraw Market and Indigenous People Gardening Market Event” for 34 times, which achieved an approximate sales volume of 100,000,000 NTD.

### *Strengthened the Basic Infrastructure in the Indigenous Areas*

1. Improved the roads in the indigenous area, upgraded the basic infrastructures in the tribes, and increased road safety and the living standard of the residents. The 2018 Safe Tribal Environment Construction Design Plan executed 4 projects, with a total expenditure of 45,000,000 NTD.
2. Developed the industries in the indigenous tribal area, introduced tourism into the area, promoted the local agricultural products, and requested funds from the Council of Indigenous People for the Indigenous Tribal Road Improvement Project. There were a total of 10 projects in 2018 and expenditure of 74,135,148 NTD.



#### Tribal Road Improvement

3. Enhanced and constructed basic infrastructure in the tribes, and rebuilt the core ethnicity values of the indigenous areas. In hopes of achieving the goals of reconstructing the tribal environment and





continuing the heritage of tribal culture, appealed funding for the Sustainable Development of the Indigenous Tribal Landscape Project from the Council of the Indigenous Peoples. Total of 1 project was granted with the approximate expenditure of 2,500,000 NTD.

4. To avoid damaging the indigenous people and industries by the mountain area heavy rain and windstorm disasters, the Township Offices of different districts were entrusted with organizing the emergency repair (rescue) projects. As of 31st December 2018, 115 emergency repair and rescue projects in different districts were conducted and had a total expenditure of 13,720,000 NTD.
5. To increase the functionality and quality of this city's Indigenous Tribal Culture Health Stations and their surrounding public facilities,

the "Prospective Basic Infrastructure Project - Urban and Rural Development - Indigenous Tribal Construction - Improvement of Public Facilities Around Service Locations and in the Tribe" project was proposed to the Council of Indigenous Peoples. In 2018, 7 projects in total were appealed and had an expenditure of 30,000,000 NTD.

- 6.1 Namasia Post-Disaster Recovery Construction was approved during the 2018 heavy rain that lasted from June to July. The expenditure for the recovery construction was 13,250,000 NTD. In August 2018, 1 heavy rain recovery construction was approved by the central government, with the recovery construction expenditure of 4,022,000 NTD.

## X 、 Hakka Affairs

### *The Hakka Population and its Distribution*

The Hakka population in Taiwan is about 4,537,000, with 351,000 in Kaohsiung City, accounting for 12.60% of the total population of the City. In Meinong, Shanlin, Liouguei and Jiasian, the Hakka population accounts for one-third of the district population; these are listed as key promoting areas of Hakka culture. The distribution of the Hakka population in other areas is led by the Sanmin District, with around 54,300..

### *Policy Implementation*

#### *1. Promoting Hakka language and culture actively to facilitate the consolidation of mother tongue*

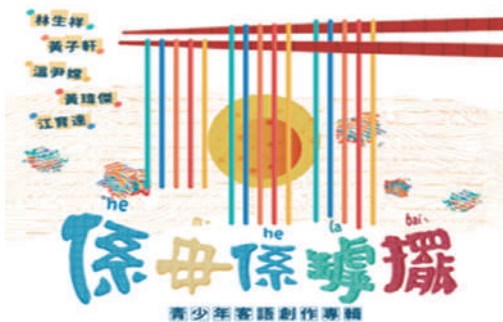
- (1) Hakka language courses and cultural activities were promoted in schools under the

guidance of the City. A total of 2 junior high school (1,150 people), 81 elementary schools (5,602 people) and 37 kindergartens (3,016 people) participated in 2018.

- (2) "The Children's Education Program of Full Hakka Language Immersion" was implemented in 5 kindergartens in Meinong, creating living, full Hakka language learning environments.
- (3) The Council for Hakka Affairs assisted 8 elementary schools in Meinong and Liouguei Districts to implement the "Elementary School Hakka and Chinese Bilingual Education Program" to achieve the goals of child language learning and mother tongue preservation through Hakka language education.
- (4) The Council assisted Jidong Elementary School in Meinong District with the proposal of Hakka Culture Experimental Education Plan. The plan is scheduled to

be implemented in the academic year 2019. The school will become the first Hakka experimental elementary school in Taiwan.

- (5) The “Kaohsiung City Hakka Family Empowerment Pilot Project” was carried out with a total of 11 parent-child activities being organized.
- (6) The Council organized “Hygienic Hakka Cuisine– 2018 Family Hakka Language Promotional Activity” in collaboration with Cishan Hospital, and Public Health Centers and kindergartens in Meinong, Shanlin, Liouguei, and Jiasian Districts in April and May. A total of more than 400 participated in the activity.
- (7) A series of 32 Hakka language learning and craft training courses were held by the “Hakka Academy”, attracting 540 participants in total.
- (8) The third Hakka teen music album *Isn't it enough?* was released in November, and an audio comic book *Fun Hakka Idioms* was published in December.



Hakka teen music album



Audio comic book

- (9) The Council held the “2018 Kaohsiung City Early Childhood Care vs. Hakka Mini-movie Competition” to discover stories of Kaohsiung babysitters interacting with toddlers in Hakka. A total of 3 videos entered the competition.

## 2. Promote the “Hakka Overall Development Program”

“2017-2018 Kaohsiung City Overall Hakka Language Development Program” was executed to accommodate the central government’s policy. The 2018 outcome was evaluated as “Excellent”, with an incentive of NT\$ 5 million being granted.

- (1) A database containing data of 61 Hakka-speaking babysitters was established, and six children were successfully matched to receive nursery care.
- (2) A list of 40 Hakka-speaking masters of ceremony (MCs) was drawn up. “Hosts Go Hakka – Bilingual MC Training Course” was organized to enrich the MCs’ professional knowledge and competence in Hakka culture and facilitate sharing of experiences.
- (3) The Hakka literature mobile libraries were organized to enable children to learn Hakka language from reading and incorporate Hakka literature into children’s daily life. A total of 34 sessions were held, attracting 1,956 participants.
- (4) To encourage the public to speak Hakka more often, 1,600 stores were invited to become “I Speak Hakka” friendly stores.
- (5) To develop collective consciousness of the community, the Council invited students of the Bilingual (Hakka and Chinese) Experimental Program in Meinong Elementary School to make three short video episodes of “Meinong Youth Detective Team.”



Short video “Meinong Youth Detective Team”

### 3. Propagating Hakka culture:

- (1) In accordance with ancient rituals, the “New Year Blessing Ceremony” and “Year-End Gratitude Ritual” were held at the Culture Museum of the Hakka Cultural Park on February 22 and December 14, which were attended by about 600 Hakka countrymen and local citizens.
- (2) On February 23, the Council for Hakka Affairs, the Education Bureau, and the Indigenous Affairs Commission jointly held the 2018 International Mother Language Day. The activity included diverse ethnic cultures and encouraged children to speak their mother languages more often.
- (3) On March 10 and 11, the “National Hakka Day” celebration was held in collaboration with the Hakka Affairs Council. A total of 2,200 citizens attended.



“National Hakka Day” celebration

- (4) Personnel of the Council for Hakka Affairs teamed up on March 31 and April 1 to participate in the Liouduei Sports Game. Their participation in all sorts of

competitions and activities helped bolster relationships in the Hakka communities and promote Hakka culture.

- (5) “The 12 Monthly Hakka Festivities: Hakka Wedding and Banquet” was held in the City’s Hakka Cultural Park in November. Traditional activities were used to successfully promote Hakka culture. A total of 21,000 visitors attended.



The 12 Monthly Hakka Festivities - Hakka Wedding

### 4. Invigorating the Hakka Cultural Park and cultural facilities:

- (1) “Kaohsiung City Hakka Cultural Park”: Its performing arts center, restaurant, exhibition hall and sales center are leased to contracted vendors to bring in businesses and tourism. Seven exhibitions were held at the cultural museum to liven up the Hakka Cultural Park. All together, the Cultural Park attracted 228,696 visitors in 2018.
- (2) “Meinong Hakka Cultural Museum”: Diversified art exhibitions, and performances and cultural experience activities were organized. The number of visitors in 2018 reached 94,974 and generated a total of NT\$2,459,953 in ticket sales.
- (3) The Council shaped a business environment that celebrates originality under the “Meinong Cultural and Creative Center,” and built a sales platform for cultural creative commodities. Diverse resources and creative business ideas from the public were introduced to facilitate the development of local cultural creative industry through



tourism and marketing. The Hakka Market – Meinong Cultural Creative Marketplace held on November 4, 10, and 11, used “radish” as its theme to generate the revitalizing power for the old street through local elements and creativity.

### *5. Assisting civic organizations in the promotion of Hakka culture*

Guidance was provided to 66 Hakka groups in the City in 2018 to assist the promotion of Hakka events, revive traditional folk customs and host Hakka art and cultural training courses. Working with public and private sectors, these groups endeavored to promote Hakka culture and language.

### *6. Building a quality Hakka cultural living environment:*

- (1) To build and preserve a traditional Hakka culture living environment, the city government actively pursued funding from the central government under the “Hakka Culture Living and Industry Environment Building Project”. In 2018, 7 project proposals were submitted, 7 were granted subsidies, and the total subsidies amounted to NT\$73,200,000.
- (2) The “Planning, Design and Engineering of the Zhong Li-He Literary Walkway” was implemented to preserve the landscape portrayed in the literature of the renowned writer Zhong Li-He and connect community settlements, cultural space and industries to build a literary walkway/ tourism route. The project is completed in January 2019.
- (3) The “Youzihlin Meinong River Left Bank Landscape Construction Program” was organized, in which local landscape was incorporated to build art installations, in order to boost local tourism and generate economic benefits. The program was completed in November 2018.



The art installation at left bank of Meinong river in Youzihlin

- (4) The “Meinong Yongan Village Revitalization – Ciou Yisheng Hakka Houses Planning and Design” program was implemented to preserve the Hakka houses owned by the Ciou family (members included the chief of Meinong Village Ciou Yisheng and the councilor of the Taiwan Provincial Council Ciou Jihsheng). The program was completed in October 2018.
- (5) The “Kaohsiung Meinong First Theater Planning and Design” program was implemented, in which the Council for Hakka Affairs collaborated with private institutions to reconstruct the First Theater, which has cultural and historical significance, creating a new attraction and promoting overall development of the Zhonghuang cultural space. The program is completed in January 2019.

### *7. Guiding Industries in R&D and Marketing:*

- (1) “Nioupu Community Center” was leased to Patisserie Caf’e for operation. To accommodate the City Government’s solar roof program, green energy facilities were installed to generate energy, and were put into operation in January 2019.
- (2) The Council launched the “Plan to Retain and Empower Creative Hakka Talent in Meinong District, Kaohsiung City,” under which two talented individuals were awarded with subsidies to start their businesses in



Meinong. The goal is to build an old street shopping district with local characteristics.

- (3) A business clustered market was set up with the theme of “Green Mountain, Blue Ocean, Green Corridor” at the Central Park on November 10 and 11.



The business clustered market

### *8. Creating obstacle-free environments for the use of the Hakka language:*

“Hakka Language Service Counters” were set up in 3 major public locations, such as Sanmin District Office, providing services to over 257,374 people in 2018.

### *9. Using media to promote Hakka culture:*

Coordination was conducted with the Kaohsiung Broadcasting Station to produce the program “Hakka Hot Time”, which is highly popular among city residents.

## **XI 、 Information Development**

### *Promoting the smart city*

Actively seek central government funding to subsidize the building of demonstration areas. Develop regional governance through private-public partnership by collaborating with counties/cities in the southern region to expand the project scale. Assist business startups to develop innovative applications, and promote the city's development as a smart city through collaborative efforts.

#### *1. Seek funding to build demonstration areas.*

Received a subsidy of NT\$ 15.2 million from the Architecture and Building Research Institute, Ministry of the Interior for the "Kaohsiung City Sustainable and Smart Community Demonstration Program". Hamasen was developed into an intelligent street lamp demo area, with traditional street lamps replaced by intelligent multi-functional infrastructure that encompasses auto-report for

repair, Wi-Fi, water level detection, air quality monitoring, broadcasting, traffic and human flow detection, and license plate identification functions.

#### *2. Promoting Cross-Field Cooperation*

Sought subsidies from the Industrial Development Bureau, Ministry of Economic Affairs under the "Popularizing Smart City Applications Program" in collaboration with counties/cities in the southern region. Four projects were approved for subsidization, with the amount of subsidies totaling about NT\$ 511 million. Cross-territorial digital life and innovative services are to be jointly developed through private-public partnership with the local governments putting forward the demands and the MOEA subsidizing private enterprises to meet the needs.

#### *3. Assisting Startups to Develop New Applications*

Match business startups with government



agencies with relevant needs. Two proposals were submitted to seek subsidization from the Small and Medium Enterprise Administration, Ministry of Economic Affairs under the "Public Procurement for Start-up" program, which were the "Smart Review System for Actual Price Registration Data of the Land Administration Office" and "Intelligent Safety - Instant Positioning and Information Integration Service in a Fire for Firefighters". The enterprises were given total subsidies of NT\$ 3.6 million.

## *Improving the open data policy*

Integrate and stream agency data to improve the quality of open data. Display the city administration information via visualization tools. Introduce innovative applications to improve efficiency of public services.

### *1. Sharing data and resources*

Organized training to help the government agencies in improving the quality of open data, and integrate and stream data using the API interface mechanism for innovative and value-added applications by the agencies, businesses, and the public, allowing everyone to share the city's data and resources. The city government won the golden open data award - third place in the local government category under the NDC's "2018 Government Open Data Awards" activity. Statistics about open data are as follows:

Item	2017	2018
Dataset	1,377 items	1,542 items
API	49 sets	196 sets

### *2. Visualized delivery outcomes*

Created the "Smart City Administration Dashboard" to present 32 city administration issues in 5 categories, namely security, information, monitoring, city administration, and civil affairs

by using open data in conjunction with interactive charts. Various agencies under the city government were assisted in decision making and judgments, while citizens were given data to help them understand the administration status.

### *3. Innovative and value-added applications*

Organized the 2018 Kaohsiung Creative Municipal Administration Proposal Competition for the Youth to encourage young people to express their creativity and generate innovative value-added applications by incorporating the government data and their city administration ideas. 61 teams from seven universities enrolled in this competition. The young people's creative ideas were further elaborated through visits to the city government bureaus and departments, experts and scholars' seminars, and their teachers' classroom guidance. Awarded works were sent to the relevant bureaus and departments as references for policy implementation.

## *Optimizing information service*

Actively integrate the information service of government agencies. This can reduce the number of travel people have to make to the agencies and ensure easy access to the information.

### *1. One-stop service*

To save traveling to and from various government agencies and offices for making applications or other official dealings, the city government provides enquiry service regarding household registration, land registration, social affairs, and tax-related information without requiring certifying document via the Cross-Agency Public Service Platform. In addition, citizens may enjoy one-stop service of syncing the data with other agencies when making changes to the household registration data at the household registration office by just agreeing to the use of



the "Reporting and Delivery Service" platform. Thereby citizens may save traveling to other agencies. Service implementation condition is shown below:

Item	2017	2018
Document-free enquiries	100,767 times	104,952 times
Inter-agency delivery	25,243 cases	31,587 cases

## 2. Establishing integrated services

- (1) Strengthened the Mobile Integrated GIS to make collection of data via mobile devices more convenient for government agencies, for examples, information about changes of land section numbers, auto acquisition of maps and geographic information, optimization of management functions, and limited-time sharing of project data, etc.
- (2) Created the intra-government search engine to provide a quality search tool for all bureaus and departments of the city government and to facilitate search of internal files, databases, and documents. This helps enhance data processing efficiency of all agencies. Two system portals were assisted for importing the search mechanism.
- (3) Expanded the government agencies' website templates to provide more choices for agencies' website development and ensure they comply with the agencies' image and style. By the end of 2018, the city government had assisted 167 agencies to create 295 websites, saving the city government NT\$ 30 million expenses.
- (4) Optimize the city government's news release platform, which enables various agencies to edit news releases via different mobile devices with the best graphic resolution. Agencies may then announce the mayor's schedule and the city government's news any time anywhere. Citizens can access the relevant information via the city

government's website and email the news to the media. The mayor's schedule and the city government's news may then be released instantly and uninterruptedly around the year.

- (5) Created the Dalinpu website, compiled and presented the village relocation data in a visually friendly way, and provided the latest releases of the questionnaire survey, building survey progress and air quality data, so that Dalinpu residents may get an instant grasp of the village relocation status in an open and transparent manner.
- (6) 70 agency websites of the city government were inspected to ensure information accuracy and comprehensiveness, and maintain the uninterrupted service of the websites.

## Improving infrastructure

To enable faster and more comprehensive information service, the information infrastructure was actively expanded, and the initiative was supplemented with the promotion of the virtualization policy. to effectively save on acquisition costs and improve the infrastructure.

### 1. Expanding infrastructure

Completed the power supply circuit modification at the city government's Sihwei host computer room, ensuring uninterrupted operation of the engine room. Constructed a sophisticated load balancing system to improve service efficiency and availability of the IT systems, in order to cope with the service needs of the city government's virtual platform in the future. Continued to promote the building of iTaiwan wireless network to provide free wireless Internet services. As of the end of 2018, the number of Access points provided by public departments are listed below:

Item	2018
The city government agencies	317 spots
Central government agencies	494 spots



## *2.Promotion of facility virtualization*

Software and hardware resources, such as servers, networks, and storage equipment, were integrated via virtualization technology to reduce procurement costs for equipment, lower power consumption and space requirement, so that the goals of efficient resource utilization, energy conservation, and carbon reduction can be achieved. In 2018, 80 virtual hosts in various city government agencies were constructed. It is estimated to have saved approximately NT\$ 2.8 million in purchasing costs and about NT\$ 1.04 million in power costs per year.

## *Improving information security*

Implemented the system and renewed information security equipment to improve the protection capability of the information equipment. Conducted information security drills for agency personnel to improve their information security resilience.

### *1. Improving equipment's protection capability*

- (1) Optimized the identity verification mechanism on the city government's multi-agency single account system, in order to improve login efficiency and strengthen security mechanisms. The interfacing of 8 systems including the Online Instant Service System and Online Form Signing and Approval System" was completed.
- (2) 160 agency websites and theme websites under the city government were scanned to help agencies rectify vulnerabilities, ensure security of their web system, improve the overall information security protection capability of the municipal government, and reduce information security risks.
- (3) Monitoring, warning, and reporting services for information security issues are provided

round the year. Through exchanges of information security intelligence, the city government allied with the central government to form an information security joint defense system, providing information security threat analysis and prevention, and issuing early warnings, so as to reduce information security risks and shorten recovery time from an information security incident. The number of early warning messages for all agencies is as follows:

Year	The number of information security early warnings
2018	82
2017	88

- (4) ISMS (information security management system) was implemented, with effort being put into ISO27001 certification for information security management and the external third-party certification being passed in 2018. This ensures the consistent effectiveness of information security management and the confidentiality, integrity, and applicability of the essential and core systems.

### *2.Improving information security early warning capability*

- (1) Organized information security issue notification drills and social engineering drills. Overall, 70 of the 210 agencies under the city government were randomly picked for the information security issue notification drills. This strengthened the agencies' familiarity with the notification procedures. The results of the two drills in 2018 are shown below:





Item	Number of agencies participating in the drill	Number of agencies passing the drill	Number of agencies with excellent performance	Number of agencies failing the drill
First drill	70	69	52	1
Second drill	1	1	0	0

(2) Organized social engineering drills for 227 agencies under the city government to raise the risk awareness of the city government's employees in using emails. The results of the two drills in 2018 are shown below:

Item	Number of agencies participating in the drill	Number of agencies passing the drill	Number of agencies failing the drill	Total email open rate	Total click through rate
First drill	227	147	80	7.72%	4.37%
Second drill	227	129	98	8.3%	4.22%

### 3. Organizing Zone Defense for Information Security

- (1) Replaced obsolete information security server of the city government and strengthened the information protection capability to cope with the increasingly severe cyberattacks and minimize the agencies' information security risk of being intruded.
- (2) Developed zone defense for information security by allying with neighboring counties/cities (Pingtung County, Taitung County, Penghu County) to form a regional protection mechanism. With the inter-county/

city cooperation in information security intelligence, traditional single-point defense by individual counties/cities has expanded to a plane-form joint information security defense network. The network enables instant and effective mastery of intelligence about information security threats, thus reducing occurrence of information security incidents.





# CHAPTER 3

## Economic Development

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- I. Financial Management
  - II. Industrial and Commercial Guidance & Assistance
  - III. Transportation
  - IV. Tourism Affairs
  - V. Agricultural and Fishery Development
  - VI. Urban Development
  - VII. Construction
  - VIII. Flood Control



## I、Financial Management

### Overview of Annual Revenues and Expenditures

The major source of Kaohsiung City's annual revenues is taxes. The government focuses on the reform of tax administration and the consolidation of tax sources to increase tax revenues. As for the expenditures, a master budget is prepared annually for Kaohsiung City to meet the needs of municipal development according to the order of priorities and the principles of practicality and economy. The City has adopted a mid-range budgeting system to satisfy the needs for municipal development and growth, as well as reinforce the budgeting function. The annual revenues, expenditures and surplus/deficit for 2018 are listed as follows:

#### 1. Annual Revenues

- (1) Taxes: including part of national taxes allocated to the municipal treasury and the municipal taxes allocated and transferred to the treasury. This revenue represents the major source of annual income for Kaohsiung City. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	73,268,950	60.52%

Source: Finance Bureau, Kaohsiung City Government

- (2) Income from fees and fines: the income from fees includes administrative and usage fees; the income from fines includes fines and compensations. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	8,020,456	6.63%

Source: Finance Bureau, Kaohsiung City Government

- (3) Revenues of public properties: These are incomes from the interests of properties, sales, sale of discarded and obsolete materials, and contribution of properties as equity. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	5,348,678	4.42%

Source: Finance Bureau, Kaohsiung City Government

- (4) Operating surplus and business income: referring to investment income and operating surplus from for-profit and non-profit funds transferred to the treasury. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	3,545,369	2.93%

Source: Finance Bureau, Kaohsiung City Government

- (5) Subsidy income: referring to the income from unconditional and conditional grants. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	26,636,900	22.00%

Source: Finance Bureau, Kaohsiung City Government

- (6) Revenues of donations and gifts: referring to the income from feedback funds of state-owned enterprises. (Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	974,063	0.80%

Source: Finance Bureau, Kaohsiung City Government



(7) Other incomes: miscellaneous incomes.  
(Preliminary estimated figures are used)

Year	Amount (NT\$' 000)	% of Final Annual Revenue
2018	3,270,792	2.70%

Source: Finance Bureau, Kaohsiung City Government

## 2. Expenditure

(1) Government Administration Expenditures for Administration, Legislative Expenditure, Expenditures for Civil Affairs, Police Service, Expenditures for Finance.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	22,309,712	17.96

Source : Department of Budget, Accounting & Statistics.

(2) Education, Science and Culture The outgoings on the maintenance and support of educational, scientific and cultural business in the city.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	44,505,113	35.83

Source : Department of Budget, Accounting & Statistics.

(3) Economic Development This item includes Expenditures for Agriculture, Forestry Fishing and Animal Husbandry, Expenditures for Communication, Expenditures for Other Economic, Expenditures for Industry Service.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	16,176,909	13.03

Source : Department of Budget, Accounting & Statistics.

(4) Social Welfare The item includes Social Insurance, Social Relief, Welfare Service, Employment Service, Public Health.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	22,533,038	18.14

Source : Department of Budget, Accounting & Statistics.

(5) Community Development & Environmental Protection The item includes Community Development and Environmental Protection.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	8,239,469	6.63

Source : Department of Budget, Accounting & Statistics.

(6) Retirement and Compassionate Aid Payment.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	6,836,437	5.50

Source : Department of Budget, Accounting & Statistics.

(7) Liabilities The outgoings include Interest Payment, Debt Servicing Management Fees.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	1,487,494	1.20

Source : Department of Budget, Accounting & Statistics.

(8) Grants and Other Expenditures for Others.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2018	2,108,020	1.70

Source : Department of Budget, Accounting & Statistics.



### *3. Final Accounting of Revenue & Expenditure, Surplus*

Fiscal Year	The balance due of annual income and expenditure	Bond Issuance and Borrowing	Appropriation from Previous Year's Surplus	Debt Repayment	Surplus
2018	-3,129,927	6,829,859	-	3,699,932	0

Source : Department of Budget, Accounting & Statistics.

### *Tax Structure and Analysis of Taxation*

The City Government's budget in 2018 was NT\$41,020 million. The actual net tax amount levied was NT\$40,542 million, which translates to a budget achieving rate of 98.8%, marking a negative growth of 4.7% compared to the actual net tax amount levied in 2017, which was NT\$42,540 million.

In recent years, the City Government has promoted Asia's New Bay Area through rejuvenating the old Kaohsiung Port. Furthermore, the City Government has launched multiple large public infrastructure projects including the Light Rail Circular Line and the Underground Railway Project. Comprehensive urban planning and urban governance have facilitated the overall development of Kaohsiung City and an improvement in the

quality of life of the City's residents, which are the primary factors contributing to a steady growth of the City Government's tax revenue. However, in 2018, the City experienced the first negative growth for the past decade. Land value tax, land value increment tax, house tax, and vehicle license tax are the four main sources of tax revenue for the City, accounting for 90% of the City's tax revenue. Among these, the land value tax revenue of NT\$12,614 million was the highest of the four sources, accounting for 30.8% of the total tax revenue and exhibiting a negative growth of 3.54%. The house tax of NT\$9,996 million ranked second, accounting for 24.37% and exhibiting a growth of 1.82%.

For details regarding the tax revenue, please refer to Tables 3-1 and 3-2.



Table 3-1 Overview of Tax Revenues of Kaohsiung City: Net Tax Levied

Unit : NT\$' 00million

Fiscal Year	Total	Land Value Tax	Land Value Increment Tax	House Tax	Vehicle License Tax	Deed Tax	Stamp Tax	Amusement Tax	Others	Period
2009	288.88	79.24	43.40	77.83	61.79	15.10	7.43	1.94	2.14	2009.1~2009.12
2010	306.66	82.34	52.77	78.86	62.63	16.41	8.16	1.97	3.51	2010.1~2010.12
2011	308.89	82.36	56.87	80.16	63.62	15.12	7.71	2.26	0.78	2011.1~2011.12
2012	310.95	80.29	56.31	80.41	65.02	16.31	8.92	2.19	1.51	2012.1~2012.12
2013	343.87	92.82	73.57	81.18	66.11	17.14	9.40	2.17	1.48	2013.1-2013.12
2014	347.12	96.56	68.30	84.90	67.37	17.35	8.85	2.09	1.70	2014.1-2014.12
2015	363.24	94.64	78.36	89.63	69.47	18.28	9.77	2.09	1.01	2015.1-2015.12
2016	414.66	130.72	88.72	95.02	70.79	17.11	8.73	1.98	1.60	2016.1-2016.12
2017	425.40	131.04	93.18	98.17	72.05	17.67	9.60	2.02	1.66	2017.1~2017.12
2018	410.20	126.41	75.24	99.96	72.56	17.67	10.18	1.92	1.49	2018.1~2018.12
2018 compared with 2017 (%)	-4.70	-3.54	-19.25	1.82	0.70	0.03	6.02	-5.21	-10.19	
2018 compared with 2014 (%)	18.17	30.91	10.16	17.74	7.70	1.84	15.03	-8.13	-12.35	

Source: Revenue Service Office of Kaohsiung City

- Notes: 1. "Others" include education surtax, community development fees from construction projects and fines.  
 2. As amounts are shown in New Taiwan Dollars, some totals may not be equal to the sums of individual data. Raw data are used for the calculations.  
 3. Data of the year 2010(included) and before are jointly collected and provided by Revenue Service Office of Kaohsiung City and Local Tax Bureau, Kaohsiung County before the merger.



Table 3-2 Overview of Tax Revenues of Kaohsiung City: Percentage Distribution

Unit : %

Fiscal Year	Total	Land Value Tax	Land Value Increment Tax	House Tax	Vehicle License Tax	Deed Tax	Stamp Tax	Amusement Tax	Others	Period
2009	100.00	27.43	15.02	26.94	21.39	5.23	2.57	0.67	0.74	2009.1~2009.12
2010	100.00	26.85	17.21	25.72	20.42	5.35	2.66	0.64	1.15	2010.1~2010.12
2011	100.00	26.66	18.41	25.95	20.60	4.90	2.50	0.73	0.25	2011.1~2011.12
2012	100.00	25.82	18.11	25.86	20.91	5.25	2.87	0.71	0.49	2012.1~2012.12
2013	100.00	26.99	21.39	23.61	19.22	4.98	2.73	0.63	0.43	2013.1~2013.12
2014	100.00	27.82	19.68	24.46	19.41	5.00	2.55	0.60	0.49	2014.1~2014.12
2015	100.00	26.05	21.57	24.68	19.12	5.03	2.69	0.58	0.28	2015.1~2015.12
2016	100.00	31.52	21.40	22.92	17.07	4.13	2.10	0.48	0.39	2016.1~2016.12
2017	100.00	30.80	21.90	23.08	16.94	4.15	2.26	0.47	0.39	2017.1~2017.12
2018	100.00	30.82	18.34	24.37	17.69	4.31	2.48	0.47	0.36	2018.1~2018.12
2018 compared with 2017 (%)	--	0.02	-3.56	1.29	0.75	0.16	0.22	0.00	-0.03	

Source: Revenue Service Office of Kaohsiung City

Notes: 1. "Others" include education surtax, community development fees from construction projects and fines.

2. Data of the year 2010(included) and before are jointly collected and provided by Revenue Service Office of Kaohsiung City and Local Tax Bureau, Kaohsiung County before the merger.





## *Management and Disposition of City-owned Properties*

### *1. Management of Property Cadastral Data*

- (1) The City Government's agencies and schools in charge of the management of city-owned properties shall compile a report semi-annually and send it to the Finance Bureau of the City Government for review and approval.
- (2) To increase the attention of agencies and schools to and their efficiency in public property management, 39 units were randomly selected to conduct the on-site inspection of 2018. Ninety-seven agencies and schools in the area were invited to take part in and observe the process. All of the agencies and schools involved were informed of the inspection results as an important reference to property management to ensure management efficiency. In addition, awards were given for the outstanding performance of property management-related personnel pursuant to the "Guidelines on Public Property Management and Inspection and Reward and Discipline of Kaohsiung City Government."
- (3) A total of 562 agencies and schools in the City have fully adopted the Kaohsiung City Property Management Information System for conducting property management operations. Users were trained to operate the system, and courses on property law were held. Approximately 832 people were trained in 2018, thereby enhancing property management efficiency and reinforcing the City's property management efforts.

### *2. Disposition of Public Property*

- (1) To facilitate the reuse of resources and increase city treasury revenues, the Reuse Auction website is used for exchanges

and auctions. A total of 6,567 items were auctioned off as of December 31, 2018 for a total amount of approximately NT\$10,195 thousand.

- (2) The City Government continues to encourage various agencies to execute the Project for Cleanup and Utilization of Kaohsiung City's Idle and Low-Utilization Land, to avoid idleness and wastage, and actively promote transformation and activation, improve the efficiency of property utilization and accelerate city constructions through stocktaking, integration and allocation mechanisms.

### *3. Management of Non-public Property*

In view of the rapid change of the macro-environment and the merger of Kaohsiung City and County, the Government's role and functions have gradually shifted from being management-oriented to service-oriented. Under the pressure of containing the government budget deficits and lowering administrative costs, government services should be driven by an entrepreneurial spirit, human resources should be effectively used and private resources should be introduced to participate in public infrastructures and services. These are the key elements of Government reforms and also important measures adopted by the Government in recent years for its administrative reform. At present, the management of non-public property is under three directions:

- (1) Proactively promoting the outsourcing of management of city-owned property

The Finance Bureau of the City Government is in charge of the management of city-owned non-public property. The Bureau is the very first agency among all levels of governments that started billing unlawful occupants for the land use compensation in 1991. However, the Bureau lacks sufficient human resources and does not have the headcounts to handle litigation issues. Also, the collection of



overdue rents and the compensation for appropriated land are considered private issues in legal terms and must be dealt with through judicial procedures. Consequently, the Government fails to collect overdue rents and compensation efficiently. To protect the rights of city-owned property, it outsources the collection task to specialists.

- The City Government has carried out outsourced rent and compensation collection since 2002. The Government recovered NT\$42 million in the first term (2002-2004), NT\$41.81 million in the second term (2005-2006), NT\$38.9 million in the third term (2007-2009), NT\$22 million in the fourth term (2010-2011), NT\$13.2 million in the fifth term (2012), NT\$14.96 million in the sixth term (2013), NT\$9.2 million in the seventh term (2014), NT\$12.32 million in the eighth term (2015), NT\$10.57 million in the ninth term (2016), and NT\$9.8 million in the tenth term (2017), and NT\$17.97 million in the eleventh term (2018).
  - The project of outsourced rent and compensation collection is of great significance in the management of city-owned property. It not only increases the government revenue but also asserts the rights over city-owned property and supports social justice. With the announcement of the government's policy to debtors, it is hoped that the unpaid users will stop taking chances and rent city-owned properties through legal procedures for a better management of non-public city-owned property.
- (2) Outsourcing the inspection and survey of city-owned non-public lands in the former Kaohsiung County, Townships and Cities

To reinforce the management of non-public lands, the inspection and survey of city-owned non-public lands have been

outsourced. 1,557 lots of city-owned land with an area of about 81 hectares were inspected in 2011, 675 lots of city-owned land with an area of about 23 hectares were inspected in 2012, 414 lots of city-owned land with an area of about 12 hectares were inspected in 2013, and 55 lots of city-owned land with an area of about 4 hectares were inspected in 2014; a total of 2,701 lots of city-owned land with an area of about 120 hectares were inspected. The compensation collection for Gangshan and Lujhu Districts was completed in late 2013, with 894 households included in the management scheme. In late 2014, presentations on compensation collection were given in Daliao, Dashe, Dashu, Meinong, and Liouguei Districts, and 1,154 households were included in the management scheme. The compensation collection for Niaosong, Linyuan, Renwu, Cieding, Tianliao and Cishan Districts was completed by the end of 2015, with 1,799 households included in the management scheme. In late 2016, compensation collection was completed in Yong'an, Yanchao, Mituo, Hunei, Alian, Ciaotou, and Zihguan Districts, and 740 households were included in the management scheme. In late 2018, the compensation collection for Jiaxian District, Shanlin District and Neimen District was completed, with 66 households included in the management scheme. On January 1, 2019, the compensation collection for Fengshan District commences, with 1,453 households included in the management scheme. In addition, the Government will actively provide guidance to occupants of city-owned land who meet the rental criteria to lease the property in the hope of introducing legal lease management. For the lessees, the Government will help them to purchase the city-owned land in order to lower the management costs.



#### 4. Sale of City-owned Non-public Lands (details are shown in Table 3-3)

Table 3-3 Details of Sale of City-owned Non-public Lands of Kaohsiung City

Year	No. of Lots	Area (M <sup>2</sup> )	Amount (NT\$)
2007	116	7,384	391,451,496
2008	72	3,177	53,086,137
2009	53	2,597	120,120,807
2010	105	39,452	1,925,195,016
2011	68	25,513	1,144,872,882
2012	153	7,927	596,175,594
2013	171	137,408	3,827,799,951
2014	146	38,857	4,070,613,848
2015	169	18,658	2,967,437,356
2016	387	31,405	1,643,636,434
2017	1,212	46,585	3,138,209,021
2018	936	53,744	3,101,323,030

Source: Finance Bureau, Kaohsiung City Government

Note: The data from 2010 onwards includes those in the former Kaohsiung County area

#### 5. Development of City-owned Non-public Property

##### (1) City-owned property for lease by tender and outsourcing

Where there is no utilization plan for city-owned property in the short term, the property will be developed and utilized through outsourcing and leasing, in order to save management costs and increase government revenues. Moreover, the introduction of private funds drives corresponding economic development. Agencies within the Government handled a total of 233 cases of lease by tender and outsourcing with private funds of NT\$1,560 million. Rent revenues during the lease period amounted to NT\$2,391 million. In addition, a private participation promotion reward of NT\$147 million was received from the Ministry of Finance.

##### (2) Creation of superficies rights for city-owned property

For city-owned large areas of land exceeding 1,650 square meters which are commercially viable, the Government can retain the land ownership by developing and utilizing the land through the creation of superficies rights. Moreover, the introduction of private funds drives corresponding economic development. Commercial development, as well as royalty and rent revenues, creates job opportunities and generates tax revenues such as house and business taxes.

- To date, three superficies rights creation projects have been completed. Together, the projects cover a land mass of 11.14 hectares and are expected to attract a private investment fund of NT\$44,222 million, and royalty and rent revenues of NT\$11,475 million.



- To date, there are six superficies rights creation projects in process, covering a land area of 5.12 hectares. The projects are expected to attract a private investment fund of NT\$12,300 million and royalty and rent revenues of NT\$5,124 million.
- (3) The Finance Bureau of Kaohsiung City Government handles private participation promotion projects and provides assistance to agencies for relevant cases. It helps cut down government spending, generate fiscal revenue through the introduction of private funds, and facilitate requests for private participation incentives. The City Government exhibited outstanding performance in private participation promotion projects, and received the Outstanding Private Participation Promotion and Business Invitation Award from the Ministry of Finance for three consecutive years, from 2015 to 2017. It secured contracts amounting to NT\$47.98 billion in 2018 and is expected to receive another Outstanding Business Invitation Award from the Ministry of Finance. Once received, it will be the only central government agency and local government to garner the award for four consecutive years.
- Private participation promotion projects with signed contracts
 

Up to the present time, there have been 21 private participation promotion projects with signed contracts, which have attracted a private investment fund of NT\$74,904 million, and royalty and rent revenues of NT\$11,426 million. A private participation promotion reward of NT\$172 million was received from the Ministry of Finance.
  - Private participation promotion projects in process
 

Up to the present time, there are 11 private participation promotion projects in process, which are expected to attract

a private investment fund of NT\$31,168 million and royalty and rent revenues of about NT\$8,928 million.

- Assistance to agencies in obtaining subsidies for the preliminary work of private participation promotion projects
 

Up to the present time, the Ministry of Finance has approved subsidies for the preliminary work of private participation promotion of NT\$27.94 million for 15 projects. The Finance Bureau of Kaohsiung City Government will continue to assist every agency in handling private participation promotion projects and obtaining subsidies for relevant preliminary work.

## *Financial Overview and Management*

### *1. Management of Community Financial Institutions*

To promote a sound financial operation at the base level, reinforce internal management, effectively eliminate malpractices and actively guide the municipal financial institutions to align with the national fiscal policies, the legal authority system has been thoroughly implemented, assistance has been continuously provided for sound operation of credit departments, and stable development of agricultural finance has been achieved.

#### (1) Management of the Credit Department of Farmers' Associations

There are twenty-six credit departments of Farmers' Associations in the City. The credit departments of Farmers' Associations engage in deposit-taking business for members and non-members, expanding savings, absorbing loose funds in the agricultural villages, assisting members in expanding the accommodation of funds for production and developing the rural economy. By the end of



December 2018, the balance of deposits was over NT\$154,708,650,000, the outstanding loans were over NT\$86,332,170,000 and a surplus of over NT\$331,220,000 was recorded.

(2) Management of the Credit Departments of Fishermen's Associations

There are seven credit departments of Fishermen's Associations in the coastal area of the City. They engage in financial business and absorbing loose funds in the fishing villages to accommodate the fishermen's demands for funds. By the end of December 2018, the balance of deposits totaled NT\$8,219,580,000, the outstanding loans were over NT\$4,295,230,000 and a surplus of NT\$19,360,000 was recorded.

Out of the 310 Farmers' Associations and Fishermen's Associations that signed up for the 12th Golden Agricultural Award held by the Council of Agriculture, Executive Yuan, in 2018, three counseled by the City Government were awarded Distinctions.

(3) Management of Credit Cooperatives

The Kaohsiung Third Credit Cooperative and its 20 branches had a deposits balance of over NT\$59,197,750,000, outstanding loans of over NT\$46,541,350,000 and an income before tax of over NT\$200,010,000 by the end of December 2018.

## *2. Strengthen Control over Community Financial Institutions and Reinforce Supervisory Role of Local Competent Authorities*

- In order to fulfill the "Financial Supervision and Improvement Program", inspections on the liquid assets owned by credit cooperatives and credit departments of Farmers' and Fishermen's Associations in the City were conducted. The City Government carried out inspections without prior notification and randomly

selected 50% of the head offices and over 20% of the branches to review their liquid assets, including cash deposits, marketable securities and bills of collection and negotiation. As of December 31, 2018, the liquid assets of a total of 41 financial institutions, including head offices and branches of credit cooperatives as well as Farmers' and Fishermen's Associations, were inspected and no major violations were found.

- The Bureau cooperated with the central competent authority to provide special guidance for community financial institutions that had excessively high non-performing loans ratios or failed to maintain a capital adequacy ratio of 8% or more as required, directing them to offset bad debts, lower the non-performing loans ratios, and strengthen their financial structure. Moreover, the Bureau helped such Farmers' and Fishermen's Associations propose improvement plans that will increase the net value as well as reduce their risk-weighted assets by a given deadline in order to comply with the regulations.

## *3. Management of Government-owned Shares of the Bank of Kaohsiung*

As of December 2018, the City Government held 43.13% of the Bank's shares. For a better management of the Government-owned shares, the "Guidelines on the Management of Kaohsiung City Government's Investment in Government-owned Shares of the Bank of Kaohsiung" have been instituted. The Bank's major issues would be reported to the Government by its government shareholding representatives along with their opinions. The Government would therefore be well informed of any actions taken by the Bank.

## *4. Supervise the Business of Collateral Office*

The Office is established to provide emergent



low-interest financing services to residents. In addition to offering low-interest short-term funds to fulfill the residents' emergent needs, the Office also makes good use of its limited human resources to provide services with friendly attitudes and a pleasantly bright office environment in contrast to the traditional pawnshops. The Office aims to produce an outstanding performance in terms of turnover, relieve interest burdens on borrowers and benefit economically disadvantaged residents.

## *Management of Tobacco and Alcohol*

1. The annual budgeted income from the tobacco and alcohol tax for 2018 was NT\$976,156,000, and the City Government received NT\$882,633,635, representing a budget fulfillment rate of 90.42%.
2. The performance in working with the Ministry of Finance's 2018 Seizure Projects
  - (1) For the pre-Chinese New Year nationwide seizure operation held in collaboration with the Ministry of Finance, the City was ranked first in the nation for its performance in seizing illegal tobacco products; ranked first in the nation for its performance in seizing illegal alcohol products.
  - (2) For the first irregular nationwide seizure operation held in collaboration with the Ministry of Finance, the City was ranked second in the nation for its performance in seizing illegal tobacco products; ranked first in the nation for its performance in seizing illegal alcohol products.
  - (3) For the pre-Dragon Boat Festival nationwide seizure operation held in collaboration with the Ministry of Finance, the City was ranked third in the nation for its performance in seizing illegal tobacco products.
  - (4) For the pre-Mid-Autumn Festival nationwide seizure operation held in collaboration with the Ministry of Finance, the City was ranked second in the nation for its performance in seizing illegal tobacco products; ranked first in the nation for its performance in seizing illegal alcohol products.
  - (5) For the second irregular nationwide seizure operation held in collaboration with the Ministry of Finance, the City was ranked second in the nation for its performance in seizing illegal tobacco products; ranked third in the nation for its performance in seizing illegal alcohol products.
3. In 2018, there were 540 cases of suspected violation of the Tobacco and Alcohol Administration Act. A total of 6,574,514 packs of illegal tobacco, with a market value of around NT\$474,309,525, and 503,674.46 liters of unlawful alcohol products, with a market value of around NT\$108,140,624, were seized.
4. In 2018, unlawful tobacco and alcohol confiscated or forfeited (including unlawful alcohol and tobacco from previous years) upon rulings were disposed on 14 occasions. A total of 13,961,009 packs of illegal tobacco and 169,773.74 liters of illegal alcohol were disposed of.
5. Promotion of tobacco- and alcohol-related laws and regulations in 2018 was conducted in both dynamic and static ways:
  - (1) Dynamic activities: public legal promotion (20 sessions) and business legal promotion (180 sessions), totaling 200 promotion sessions involving about 30,000 participants.
  - (2) Static publicity: to produce promotional materials and short films for tobacco and alcohol-related laws and regulations and publish relevant information via radio stations, cable TV, outdoor electronic signs, print media, garbage trucks, public transport (MRT) passes, LED signs, broadcasting media, or at agencies visited by residents for official business, administrative and police departments, etc., to maximize the promotion effect.



## II ▽ Industrial and Commercial Guidance and Assistance

### Industrial Structure

Kaohsiung is the largest commercial and industrial harbor metropolis in the country and has a wealth of human resources as well as large-scale factories such as China Steel Corp. (CSC); CSBC Corp., Taiwan; China Petrochemical Development Corporation (CPDC) and so on. In 2018, 7,540 factories were legally registered with the Kaohsiung City Government, and they are categorized into industries such as steel-making, chemicals, machinery, metals, food products, transportation, electronic goods and telecommunications. These factories still belong to the heavy-chemical industry of a capital and technology intensive nature.

### Commercial and Industrial Service and Assistance

#### 1. Commerce and industry registration

Unit : Number

Year	Registered Factories	Registered Businesses	Registered Companies
2016	7,258	116,478	83,777
2017	7,510	118,445	86,342
2018	7,540	120,241	86,610

#### 2. Industrial service and assistance

(1) Reinforce assistance to and supervision of unregistered factories

- To assist unregistered factories to operate legally, the Bureau counseled businesses to apply for temporary factory registration. The application period expired on June 2, 2015, and a total of 1,578 factories submitted applications (starting from June 2, 2010). As of December 31, 2018, 1,015 businesses were approved under counseling.

- To get hold of the actual situation of unregistered factories and carry out investigation and counseling work to them, the Bureau conducted 1,462 inspections, and found out that 29 cases had suspended business, 831 were not factories, 15 were registered under counseling, 587 were put under supervision, and 218 were penalized (with the total fine amounting to NT\$7.63 million, and NT\$5.175 million has been paid).
- (2) Assist the private sector in privately-initiated industrial zoning applications, adjoining non-urban land change applications, and new business plans
- Privately-initiated industrial zoning applications

As of December 2018, 8 projects have been approved for setting up premises in industrial parks, including Tension Steel Industries Co., Ltd., Extend Forming Industrial Corp., Sun Beam Tech Industrial Co., Ltd., Chen Yi Paper Container Co., Ltd., Nan Liu Enterprise Co., Ltd., Chen Nan Iron Wire Co., Ltd., Yu Yang Aerospace Technology, and Cheng Loong Corp.; 3 cases are under review, including Topmaker Fasteners Industrial Co., Ltd., Prosperity Tieh Enterprise Co., Ltd., and Walrus Pump Co., Ltd.; and there is one new application for land survey and selection, De Xing Medical Treatment and Instrument Co., Ltd. It is expected that 123.18 hectares of land will be available for industrial use, generating an annual output of about NT\$61.3 billion and 3,110 jobs.

- Adjoining non-urban land change

As of December 2018, 28 projects



have been approved for the expansion into adjoining land, including Wei Chuan Corp., Chen Nan Iron Wire Co., Ltd., Voyage Wide Industrial Co. Ltd., Non Sheng Co., Ltd., Arochem Corporation, Lien Kuo Metal Industrial Co., Ltd., E&R Engineering Corp., Tai-Yih Sun Industrial Co., Ltd., ZI EA Factory Co., Ltd., Rueijhan Co., Ltd., Biing Feng Enterprise Co., Ltd., Jhuofong Co. Ltd., Nanfa Woodenware Co., Ltd., Yijhang Co., Ltd., Shin Jann Works Co., Ltd., Long Day Sky Enterprise Co., Ltd., Jiying Screw Co., Ltd., Gwo Merg, Kao Wan Hardware Industrial Co., Ltd., Biing Feng (2nd expansion), Lu Chu Shin Yee Works Co., Ltd., Taiwan Vinda, Long Day Sky Enterprise Co., Ltd. (2nd expansion), Lung Hsing Industries Co., Ltd., Yongsinyi; Changhui Business Co., Ltd., E & R Engineering Corp. (2nd expansion), and Sun John Corp., another 3 projects are under review, which are Sheh Fung Screws Co., Ltd., Jiying Screw Co., Ltd. (2nd expansion), and Hai Hwa Steel Works & Co., Ltd. It is expected that 29.31 hectares of land will be available for industrial use, generating an annual output of NT\$36.319 billion and 3,258 jobs.

- New business plans (Arable and pastoral land in industrial area changed to Type D construction land) (Land in regular agricultural area or hillside pottery industry land changed to Type D construction land) (Arable and pastoral land in regular agricultural area changed to mining industry land)

As of December 2018, 21 projects have been approved including Cingying Co., Ltd., Dur Chyi Industries Co., Ltd., Tsen Yeou Springs Co., Ltd., Channg Chin Industry Corp, Shengyao Co., Ltd., Well-Lin Enterprise Co., Ltd., Wei I Industry Co., Ltd., Yih Long Industry Co., Ltd., Jia

Yang, Taiwan Steel Strapping Co., Ltd., Wei Jyun, PATTA International Limited., and Well-Spring Enterprise Corp., Shiny Chemical Industrial Co., Ltd., Fang Cheng, Hung Sheng, Syong Shun Metal Co., Ltd., Air Liquide, Wei Meng International Co., Ltd., Meinong Plant of Shihan Cement Co., Ltd. (2nd change), and Standard Steel Ltd. It is expected that 8.75 hectares of land will be available for industrial use, generating an annual output of NT\$3.942 billion) and 678 jobs

(3) Industrial park zoning applications

- Ho fa Industrial Park

The establishment of the Ho Fa Industrial Park was approved in 2014, and it is expected to develop 136.26 hectares of land. For the development, a joint venture formed by Chinatrust Life Insurance Co., Ltd. (changed to Taiwan Life Insurance Co., Ltd. in 2017) and New Asia Construction and Development Corp. has been established and designated as the developer. The contract was signed in September 2015; ground-breaking was conducted in December. Site preparation and road works have begun successively; other construction works such as sewage plant and a service center will continue. The industrial park development is expected to be completed in September 2019. For investment invitation, a total of 58 companies have paid the fees and registered by December 2018. The land purchase applications involve a total area of 46 hectares, which reaches 67.4% of the industrial land available for sale (68.48 hectares). (Another 4 companies applied for lease of 2.4554 hectares of land, equivalent to about 14.29% of the land available for lease (17.17 hectares). Upon completion of the development, the Park is expected to generate an output value of NT\$40 billion, and directly create 10,000





jobs. It will also stimulate consumer demand and attract related businesses to the Park, contributing to local economic growth and tax revenue.

■ **Renwu Industrial Park**

Tapping into the construction of National Highway No.7 and based on the provisions of the Statute for Industrial Innovation, the zoning application of Renwu Industrial Park is planned to be located on the Renwu Farm of the Taiwan Sugar Corporation at the periphery of the Renwu Interchange on National Highway No. 10. The area is 74 hectares. The zoning application is expected to be completed in the second half of 2019, which will then release 48 hectares of land for industrial use, create 6,300 jobs and increase regional output value by NT\$24.2 billion, facilitating the transition and reformation of the industries.

■ **Benjhou Industrial Park in Gangshan District**

The industrial park covers 208 hectares and is divided into general industrial zone, environmental science and technology park, logistics park, and relevant industrial zone. At present, its land sales rate has reached 97.3%, with 190 stationed manufacturers. The total investment is approximately NT\$51.31 billion, number of employees about 8,794, and annual turnover approximately NT\$77.06 billion.

- a. General industrial zone: conventional industries, mainly metal processing.
- b. Environmental science and technology park: mainly industries that improve environmental protection technologies and processes.
- c. Logistics park: mainly warehousing and logistics.
- d. Relevant industrial zone: mainly

industries related to local amenities.

The industrial park is equipped with comprehensive public facilities, such as: service center, sewage treatment plant, parks, roads, parking lots, electricity, water power, sewer, communication, division green belt, flood detention pond, etc.

### 3. Commercial service and assistance

- (1) E-registration of Commerce and Industry: For speeding up upgrade of the quality of public services, establishing a better system and standards of Commerce and Industry administrative registration through promotion of Commerce and Industry E-registration around entire country, building a nationwide and standardized database of Commerce and Industry administrative registration, and formulating a simple and direct pattern to provide services for people by Internet-based work.
- (2) The Electronic Game Arcades (Amusement Arcades), Particular Industries (karaoke, pubs, bars, ballrooms, discotheques, saunas, particular kind coffee/tea shops, etc.), Night Clubs, and Computer Recreational Activities are the industries which are required to be particularly recorded and administrated. In particular, places reported by citizens or found out by the police to be involved with offenses of sexual immorality, or the people who were brought to justice by the Urban Development Bureau for violating the Urban Planning Law.
- (3) In accordance with the "Regulations on Self-Management of Electronic Game Arcades (Amusement Arcades) in Kaohsiung City" and "Regulations on Self-Management of Specific Industries in Kaohsiung City," the administration and management of electronic game arcades and particular industries are reinforced, and pursuant to "Compulsory Insurance for Public Accident Liability for



Business Premises," companies are required to acquire insurance for public accident liability for their business premises.

#### *4. Promoting modernization of businesses*

(1) Promote shopping streets' and districts' popularity through marketing activities to highlight the characteristics of shopping districts:

- Shopping street and district organizations were encouraged to initiate proposals to highlight local feature shops and hold activities corresponding to local culture and business characteristics. Sessions of such marketing activities were held during the Chinese New Year, including those held by Sanfong Zhong Street, Shinkuchan, Houyi, Guanghua Night Market, Singihong Night Market, Nanhua Night Market, Jhongsiao Night Market, Liouhe Night Market, Sinyancheng, and Cingnian Furniture Street. On the Dragon Boat Festival holiday, Sanfong Zhong Street was blocked for the "Zongzi Wrapping Fun" event; the "Colorful Umbrella Illumination" event was held in coordination with the inauguration of the renovated Kaohsiung Main Station to market local characteristics and attract visitors, boosting consumer spending and livening up the shopping area.
- Organizing the 2018 appetizer competition: Through the competition, delicacy restaurants and food stalls in alleyways were discovered and promoted by themed campaign activities via online social media. This year, a total of 147 restaurants and stalls enrolled in the competition, among them 93 food stalls and 54 restaurants. 2 restaurants and 8 food stalls were eventually selected as winners and invited to set up booths at the food court of the 2018 Kaohsiung Beer Music Festival.

- Revitalizing Formosa Boulevard – Container Market: From August 4, 2018 to February 28, 2019, a mini container market was trial run at the Zhongshan-Minsheng Intersection pedestrian walk. Selected vendors were announced and monthly themes were planned for the event to attract crowds, linking the surrounding Nanhua, Yujhu, and Sinkujiang shopping areas to jointly promote and expand business opportunities in the neighborhood.

(2) Boost competitiveness by introducing mobile and technology-based services:

- The "KaohsiungShopping" APP was created to integrate more than 1,000 contracted stores in major shopping areas, department stores, travelers' accommodations, chain store networks and e-commerce systems. Downloading the exclusive "KaohsiungShopping" APP enables access to the latest and most favorable shopping information in Kaohsiung. The APP also helps promote Kaohsiung's high-quality stores, create smart shopping districts in the Greater Kaohsiung area, and drive Kaohsiung's local economy. From 2015 to 2018, the APP has accumulated 45,599 members and more than 1,609 contracted stores; the cumulative invoiced amount has exceeded NT\$800 million.
- The SME Administration of the Ministry of Economic Affairs (MOEA) subsidized the Bureau to implement the "2018 Kaohsiung City Government Commercial Area Innovation and Development Subsidy Program – Boosting Business with Cashless Smart-Pay", expanding multi-payment business opportunities in shopping areas, creating cashless smart-pay shopping areas, and introducing the "LINE Pay iPass" mobile payment system. 14 shopping areas were officially



included since September 2018, attracting more than 1,000 stores around Taiwan to join and adding 18,000 transactions.

### *5. Develop the MICE industry and build up the brand of a MICE city*

- (1) The “Convention and Exhibition Promotion Office, Kaohsiung City Government” was established and a hotline was set up to provide one-stop services of professional assistance and consultation for the MICE (Meetings, Incentives, Conventions and Exhibitions) industry. The city proactively promote the the MICE industry and create an image of MICE city, expecting more mega events (conventions and exhibitions) to be held in Kaohsiung. In 2018, consultation services were provided for 88 cases.
- (2) Formulate the “MICE Incentive Guidelines” in order to increase incentives, attract more international mega events (conventions and exhibitions) to the city, and increase international popularity of the city as well. In 2018, 41 projects were approved for rewards amounting to NT\$5.99 million.
- (3) The 5th “Kaohsiung M.I.C.E. Forum” was held in M.ZONE– Dagang Maker Zone, inviting MICE Union members to attend and interact with each other. For the first time, it tried to break the conventional meeting framework and integrate innovative elements into the Forum, introducing the Facepass facial recognition system for check-in, and the reusable AT Brick, an Atech Composites Co., Ltd. product, was used to set up the venue, promoting a spirit of environmental sustainability in the MICE industry and enabling participants to experience the limitless innovations of the Kaohsiung MICE. As of December, 2018, the number of members has reached 174.
- (4) The 2018 Global Harbor Cities Forum invited nearly 120 international elites from 25 countries and 65 domestic and foreign cities from four continents, together in Kaohsiung and attracted 5,500 attendees. Compared to last year, not only 16 more cities attended this year, nearly 20% of the cities have participated in the event for two consecutive years, bridging global harbor cities for exchanges and cooperation and establishing the foundation for substantive cooperation.
- (5) The International Congress and Convention Association (ICCA) is the world’s leading organizer of international conventions, currently with approximately 1,000 members from more than 90 countries. The members include national or municipal marketing organizations, meeting venues and hotels, conference organizers, aviation transport and relevant service vendors. It is the most important organization in the global MICE industry. The City won the bid to be the 2020 ICCA Congress host, and has thus become a world-renowned MICE city, achieving excellent publicity for Taiwan and Kaohsiung.
- (6) In 2018, mega MICE events held in Kaohsiung City included: “2018 Taiwan International Boat Show”, “2018 Taiwan International Fastener Show”, “The 4th Summit on Taiwan-Japan Exchanges”, “Pacific and Asian Society of Minimally Invasive Spine Surgery Congress”, “International Association of Dental Students Annual Congress”, “The 2nd Global Harbor Cities Forum 2018”, “The 10th eSports World Championship 2018”, “MicroTAS 2018”, and “Kaohsiung International Maritime and Defense Expo 2018”, totaling 150 MICE events (55 exhibitions and 95 international conferences).



## Utilities

### 1. Supervise and improve utility services

- (1) Continue the replacement of old and worn water pipelines in Kaohsiung City

To enhance the pipeline's function of supplying water, the Taiwan Water Corporation was urged and supervised to continue replacing old and leaking pipelines. In 2018, about 55km (55,255m) of old and leaking pipelines were replaced in Kaohsiung City, costing NT\$499.24 million.

- (2) Water pipeline extension project

- Water pipeline extension project: The City assisted the residents who do not have water supply within the jurisdiction to apply for water service from the Taiwan Water Corporation. In 2018, 9 water pipeline extension projects were approved to be funded by government budget (supplied by the Water Resources Agency, MOEA to the Taiwan Water Corporation), with an amount of NT\$64,998,900. Works were done on 12.795km of pipelines, benefitting 162 households.
- Subsidy project for exterior lines of water supply users: The Water Resources Agency, MOEA furnished subsidies based on the Water Supply Act and the Subsidy Regulations on Exterior Lines of Water Supply Users, with the aim of improving the water quality for residents in areas without water supply as well as increasing the water supply coverage in the city. In 2018, a subsidy of NT\$18 million was approved by the Water Resources Agency, MOEA for the City (NT\$12.42 million provided by the Central Government and NT\$5.58 million provided by the City Government).
- Kaohsiung City aboriginal area basic water system operation project: To

understand the current operating status of the basic water supply system in the aboriginal area, strengthen the functionality of the basic water supply management committee, and ensure the water quality and stability of the basic water supply system, the City submitted the "Basic Water Supply System Operation Plan in the Aboriginal Area of Kaohsiung" in 2018, and a budget of NT\$1.69 million was approved by the Water Resources Agency, MOEA (NT\$1,166,100 provided by the Central Government and NT\$523,900 provided by the City Government) for the basic water system operation plan. The project has been completed.

- (3) Oil management and natural gas businesses

- Review applications of establishment, registration and change for 285 petroleum/natural gas stations and fishing boat gas stations in the city, and promote the regulations in regard to the equipment installation of petroleum/natural gas stations. The City Government completed the operation inspection and supervision for 138 petroleum stations in 2018.
- 7 violations of Petroleum Administration Act were tracked down in 2018, and penalties amounting to NT\$6.75 million were levied.
- Price difference subsidy for liquefied petroleum gas for the households in mountainous townships/districts program  
In accordance with the "Subsidy Regulations for Oil Facilities and Transportation Costs in Remote and Aboriginal Areas and Outlying Islands", the Bureau of Energy, Ministry of Economic Affairs (MOEA) provided price difference subsidies of NT\$6.37 million, (NT\$3,975,624 actually expended) for barreled gas for household users in mountainous districts in 2018.



■ Liquefied petroleum gas retailers management

According to the Regulations for Managing Supply and Marketing of Liquefied Petroleum Distribution, Repackaging and Retailing Industries, 230 inspections on bottled gas business and safety promotions were conducted in 2018. A total of 744 gas bottles were inspected, among which 718 passed and 26 failed, representing a passing rate of 96.5%. Businesses that failed the inspection were included in the list of priority targets of joint inspection.

■ Natural gas enterprise management

With an aim of protecting the safety of natural gas users, regular civil user inspections and industrial user inspections are carried out every year (once in two years for general household users, and once a year for industrial users and commercial users) by the following 3 companies: Hsin Kao Gas Co., Ltd, Nan Jehn Gas Co., Ltd., and ShinHsiung Natural Gas Co., Ltd in accordance with the Natural Gas Enterprise Act. The number of public natural gas users and the number of regular inspections per year are listed below:

Table 3-4 2018 people's livelihood users and industrial users regularly check Unit : (household/user)

Type	Company name	Hsin Kao Gas Co., Ltd	Nan Jehn Gas Co., Ltd	ShinHsiung Natural Gas Co., Ltd	Total
Private and business households		199,421	11,209	79,398	290,028
Industrial users		16	45	558	619
Total users		199,437	11,254	79,956	290,647

(4) Sand and gravel excavation

■ Sand and gravel excavation is not allowed in Kaohsiung for now

To strengthen the ban on illegal sand and gravel excavation and deal with the holes caused by illegal sand and gravel excavation in Kaohsiung City, the “Taskforce of the Kaohsiung City Government Clamping Down on Illegal Sand and Gravel Excavation and Dealing with the Remaining Holes” was established to improve the effect of execution.

■ Illegal sand and gravel excavation and dealing with the remaining holes

In 2018, the MOEA, along with the relevant authorities - the Ministry of the Interior, the Environmental Protection Administration and the Council of Agriculture, called a review meeting and agreed to remove cases previously submitted by the City from the watch list. Currently in the City, there are 14 holes on the central government's watch list. The City Government will continue to work in accordance with the MOEA policy and measures for lifting the central government's watch, reinstating the City Government for the responsibility of hole management according to the relevant laws and regulations.



## 2. Utility installation business registration and management

Table 3-5  
2018 Electricity, Gas Fuel Pipeline and Water Supply Business Registration and Management

Electricity Equipment Installation Business Registration and Management	909 Companies
Electrical Inspection and Maintenance Business Registration and Management	43 Companies
Public Natural Gas Pipeline Installation Business Registration and Management	19 Companies
Registration and Management of Full-time Electrical Technicians Hired by Specific Locations	8,199 Locations
Tap Water Pipeline Installation Business Registration and Management	441 Companies

## 3. Promote the “Joint Promotion Action Plan of Residential and Commercial Power Saving for Counties and Cities”

In line with the promotion of “Joint Promotion Action Plan of Residential and Commercial Power Saving for Counties and Cities” by MOEA’s Energy Bureau, a three-year initiative from 2018 to 2020 was put into motion, implementing power-saving basic work, equipment replacement and smart power usage, and locally-adapted projects.

- (1) Basic power-saving work: conducting energy audit counseling, energy big data analysis, power-saving volunteer training and guidance, promotion of citizen participation in energy management, energy-saving education and campaign. In the first phase (2018), NT\$8 million is budgeted for the project, reaching an implementation rate of 65.55%, and an estimated cumulative annual power saving of 240,000 kWh.
- (2) Equipment replacement and smart power usage: the first phase (2018) of the subsidy plan is budgeted for NT\$189,432,560, reaching an implementation rate of 80.26%, and an estimated cumulative annual power saving of 46 million kWh.
- (3) Locally adapted proposals are implemented

by the relevant authorities across departments, following the principle of reducing peak-time power usage and expanding power-saving effectiveness of the fund. It also takes into account three main sectors -households, service business and government agencies and schools, creates a power-saving atmosphere, and allocates some funds to care for disadvantaged groups. As of the end of December 2018, the 4th quarter report showed the implementation rate reaching 70.68%. The usage of fund varies according to the different situations of the various bureaus in outsourcing and contract signing; with expenditure amounting to NT\$30,504,100.

## 4. Promote green energy industry

To get rid of Kaohsiung’s long-standing stereotype of being a highly polluted heavy industry base and increase job opportunities in Kaohsiung, the City is committed to developing a green economy, working towards a green and sustainable city development, and becoming a national stronghold for the solar photovoltaic application industry. The following measures have been adopted to actively promote green industries:



(1) Solar photovoltaic promotion program

Starting from August 2014, the MOEA has designated local governments to process applications for consent documents for installing rooftop solar photovoltaic power equipment with a capacity below 30 KW, equipment registration and other related affairs. The power level of equipment to be inspected was raised to 50 KW in 2015, and further increased to 100 KW in 2016 and 2017, and again raised to 500KW for a single case in 2018. A total of 926 applications with equipment below 500 KW in a single case completed registration in the City in 2018, with a total capacity of 130,971.6 KW. A cumulative total of 3,710 applications with equipment below 500 KW in a single case have completed registration in the City by the end of 2018, with a total capacity of 293,942.09 KW.

- (2) Promote green loans. Financing is provided for energy service providers registered in Kaohsiung and private solar photovoltaic equipment. As of the end of 2018, 62 cases in the third category were reviewed and approved with financing of NT\$175.27 million and 294 cases in the fourth category were reviewed and approved with financing of NT\$137.94 million. Total financing reached NT\$313.21 million.
- (3) Contract management for the purchase and sale of solar photovoltaic power generation systems

- Income from power sale for Cihou Tourist Market and Wumiao Market

A solar photovoltaic power generation system was installed on the rooftop of the Cihou Tourist Market, with an equipment capacity of 77.28 KW. It generated a power sale income of NT\$305,398 in 2018. The rooftop solar photovoltaic equipment of the Wumiao Market has an equipment capacity of 9.75 KW, generating a power sale income of

NT\$81,653 in 2018.

- Rebate income from private manufacturers leasing public buildings and applying for tendering-exempt establishment of solar photovoltaic power generation system

In 2018, income from manufacturers leasing public buildings which paid the administrative sanction (rebate) for tendering-exempt establishment of solar photovoltaic power generation system totaled NT\$2,254,536. Among which, NT\$966,000 was granted as the credit guarantee fund for Class 4 loans under the city government's small and medium enterprise loans and strategic loans scheme. In addition, rooftop solar photovoltaic facilities installed on residential buildings are included in the target for tendering exemption from 2016 onward in accordance with the Guidelines for Solar Photovoltaic Power Generation Facilities Tendering of MOEA.

### 5. Management of Existing Industrial Pipelines

- (1) The Economic Development Bureau of Kaohsiung City Government held 10 sessions of "Existing Industrial Pipelines Maintenance and Management, Self-inspection, and Disaster Prevention and Rescue Check" in 2018, 2 sessions of group training on industrial pipelines and mobilization lecture, 6 sessions of site inspection and drilling for contingency plans, 1 session of inter-departmental drill, 3 sessions of underground industrial pipelines leakage scenario simulation exercise, 1 session of high-risk and sensitive area evacuation and sheltering drill, and 1 session of high-risk and sensitive area evacuation drill and educational campaign. Pursuant to Article 5 of the Self-governance Articles for Management of Existing Industrial Pipelines of Kaohsiung City, the City's 14 enterprises



with existing industrial pipelines have all submitted their 2019 pipeline maintenance and operation plans before the deadline on October 31, and the City has finished reviewing the plans and kept them on file on December 28.

(2) There are currently 72 existing industrial pipelines involved in the submitted plans that require inspection, with a total length of 941 km. This figure represents a decrease of 17 pipelines and a reduction in length of 357 km compared with the time before the Kaohsiung gas explosion.

### **III 、 Transportation**

#### ***Business Implementation Overview***

##### ***1. Kaohsiung Mass Rapid Transit System-Red Line and Orange line***

The basic network of the Kaohsiung Mass Rapid Transit (KMRT) System, consisting of the Orange Line and the Red Line, is 42.7 km in length, including 38 stations, the Daliao Maintenance Depot, as well as the North and the South Maintenance Depots. The Kaohsiung City Government adopted a Build-Operate-Transfer (BOT) approach for the construction, operation and development of this project; Kaohsiung Rapid Transit Corp. (KRTC) was awarded the BOT contract—a valid 36-year concession. The entire KMRT system has been operational since September 22, 2008. However, the construction of the permanent R11 Station is still ongoing due to its scheduling dependency on the Kaohsiung Railway Underground Project. The permanent Kaohsiung Main Station, R11, was planned to be built on the same site as and directly below the Taiwan Railway Kaohsiung Station. The first phase of the permanent R11 Station construction was completed in April 2015. The initial operation of the second phase was inaugurated on September 5, 2018, providing a more convenient access for the public to transfer between Taiwan Railway and MRT in the same building.

KRTC is awarded the development rights to

various lands associated with the project to infuse profits for its investment and involvement during its operation period. Also, the Kaohsiung City Government reserves the right to collect rental income from these developments. As of the end of 2018, sites that have been developed and are in operation include Herchun Hospital and Otaru Japanese Restaurant by the North Maintenance Depot, a women & children hospital located on Land No. 169 of the R13 Station. As well, there are an aparthotel care center on Land No. 1431 and a women & children hospital on Land No. 1535, both on Xinzhuang Section No. 13 of Zuoying District. Meanwhile, a large family-friendly amusement park located by the South Depot called Taroko Park, a chain supermarket on Base Q14-1, and Han Pastry House as well as a food & entertainment restaurant in Zone C-1 by the Daliao Depot also have been completed. Besides, by the North Depot there are sites under development but not in operation, such as Gangshan Branch of Kaohsiung Medical University Chung-Ho Memorial Hospital as well as two projects invested by Hewenxin and Dali Miller individually.

##### ***2. Kaohsiung Circular Light Rail Transit System Project***

The Circular Light Rail Project is directly administered by the Kaohsiung City Government. It is divided into two phases in coordination with the progress of Kaohsiung Railway Underground





Project. The first phase of the project is an 8.7-kilometer line around Kaohsiung Harbor with 14 stops, from Qianzhen Light Rail Maintenance Depot to O1 Sizihwan Station. It is the main artery in Asia's New Bay Area. Its operation was officially inaugurated on September 26, 2017, and all the operation and maintenance works are commissioned to KRTC. At the end of 2018, the traffic capacity was up to a total of 6.51 million passengers.

The second phase of the project is a 13.4-kilometer line with 23 stops. It starts from the west of Harbor Railway Line, extending northward to Meishuguan Road, through Dashun 1st, 2nd and 3rd Road, connecting with the railway line corridor by Kaixuan 2nd Road, and finally returns to the light rail maintenance depot. The Phase 2 construction started on March 24, 2017. From Station C14 to C17, rail tracks and three stations have been completed. From Station C32 to C37, civil engineering works and track construction were commenced. The purchase, manufacture, and installation of electrical and mechanical (E&M) systems have been ongoing. Also, the first arriving vehicle of Phase 2 has been put into on-site test during the section from C15-C17 (C14 excluded) since September 27, 2018

### 3. Kaohsiung Mass Rapid Transit System-Gangshan-Lujhu Extension

Gangshan-Lujhu Extension connects two important industrial towns: Gangshan and Lujhu. It is going to serve as a major mass transit in North Kaohsiung, and all its stations will become transfer nodes in communications between east and west areas. Once this extension line is completed, the whole public transit service in North Kaohsiung is expected to be highly promoted.

The route planned for phase one is 1.46 km in length, with one elevated station. It starts from the Gangshan South Station (R24), extending through Jieshou Road Bridge as well as Agongdian River, heading northward along Provincial Highway No. 1, and finally ends at Gangshan Railway Station. This contract was awarded to New Asia Construction

& Development Corp. and was signed on September 20, 2018. Subsequently, the preliminary investigation and detailed design were initiated.

The route planned for phase two is 11.63 km in length, with 7 stops. It connects several important industrial parks in Gangshan and Lujhu, and terminates at Hunei Dist. The comprehensive plan report was submitted to the Ministry of Transportation and Communications for review on December 27, 2017. After a process of document review and preliminary review meeting, the report was principally approved by the Review Committee on March 4, 2019. Concurrently, some development lands, located in Gangshan, Lujhu and Hunei districts, had to proceed with urban planning modification, for which an official public display was held from December 22, 2018 to January 30, 2019. Besides, relevant public presentations were also held in above-mentioned districts.

Figure 3-1 Recommended Route Map for Gangshan-Lujhu Extension





## Major Traffic Construction Projects

### 1. Kaohsiung Railway Underground Project

- (1) The Kaohsiung Project area stretching from Mingcheng 4th Road to Dashun 3rd Road is about 6.9 km long, including five stations (Kaohsiung Museum of Fine Arts, Gushan, Sankuaicuo, Minzu, National Science and Technology Museum) and park lane, and the Phase 71 Readjustment Zone park lane, park, and plaza.
  - Park lane of station area: Commenced on February 22, 2018, and completed on February 14, 2019.
  - Demolition or leveling of facilities: Cinghai Overpass commenced on February 16, 2019; Zihli Overpass commenced on February 28, 2019; Dashun Overpass commenced on March 6, 2019; Zhonghua underpass is scheduled for online tender in July 2019.
  - Park lane demonstration section: The section of (Hua-an Street ~ Jinchuan Street, next to Kaohsiung Museum of Fine Arts) has been completed and opened for use; the section of “Pingdeng Road ~ Women’s Center west side, next to Science and Technology Museum” is scheduled to be completed in August 2019. Ming Cheng Fine Arts Museum priority section: commenced on August 7, 2018 and is scheduled to be completed in November 2019.
  - Park lane engineering: detailed design is under way and will be contracted out after review and approval.
- (2) Fongshan Project Area from Dashun 3rd Road to the south side of Dajhih Overpass, with a total length of 4.2 kilometers, includes 1 commute station (Jhengyi Station) park

road and node square. The total project cost is about NT\$745 million, divided into station area park road 1 bid, facilities removal 1 bid, and the park road project 2 bids. To cooperate with the final inspection of railway underground open to traffic, part of the station area of Jhengyi Station was completed on July 19, 2018. The facility was demolished, and the Zihciang Overpass is scheduled to start dismantling on April 4, 2019 (after the Cingnian steel temporary bridge demolition). Weisin Overpass is scheduled to start dismantling on November, 2019. The design of the park road has already been approved. After the basic design is reviewed and approved by Construction and Planning Agency and Public Construction Commission, Executive Yuan, the contracting operation will be handled.

### 2. Renwu District Singya Bridge Reconstruction Project

The bridge was about 8.65 meters wide and 22.5 meters long. According to the Houjin River Basin Comprehensive Management Plan of the Water Resources Bureau (WRB), after reconstruction, the bridge is 46 meters long and 8.65 meters wide. The total cost of the project is about NT\$37,532,000. The project commenced on April 14, 2017 and completed on July 31, 2018.



Renwu District Singya Bridge Reconstruction Project



### *3. National Highway No. 10 Yanchao Interchange Extension for Kaohsiung County Road No. 46 to Connect Route 186A Project (first tender)*

Starting from Dianbao River in the west and stretching east to Route 186A, the road is about 1.4 kilometers long and 20 meters wide. The project commenced on August 31, 2016 and completed on November 7, 2018, at a total cost of NT\$203 million.



National Highway No. 10 Yanchao Interchange Extension for Kaohsiung County Road No. 46 to Connect Route 186A Project (first tender)

### *4. Lujhu District Kaohsiung County Road No. 11 Widening Project*

This project in Lujhu District starts from Fusing Road (Kaohsiung County Road No. 7) at the southern end, stretching to Taiping Road (Kaohsiung County Road No. 10) at the northern end. The original road was only about 4 meters wide and its northern section runs through tunnels on National Highway No.1 (with only 3 meters in width). It was expanded to 12 meters in width and about 4,550 meters in length. The total cost of the project is NT\$490,533,000. The first-bid project commenced on June 15, 2016 and completed on September 5, 2018. The second-bid project started on July 29, 2016 and completed on August 8, 2018.



Lujhu District Kaohsiung County Road No. 11 Widening Project

### *5. Gangshan District County Road No. 186 (from Bengonghuan East Road to Hehua Road) Widening Project*

Stretching eastward from Bengonghuan East Road to the beginning of Hehua Road (including Cianjhou Bridge), the road was originally 11-15 meters wide. It was extended to the urban planning width of 24 meters, with a length of approximately 1,100 meters. The total cost of the project was NT\$722.643 million. Construction began on August 1, 2016 and the road opened to traffic at the end of January 2019.

### *6. Construction of Additional Ramp to Connect Eastbound National Highway No.10 and Northbound National Highway No.1*

The scope of the project starts at the reserved ramp link of Kaohsiung Express Ring Road, near the Dajhong-Wuncih intersection, running eastbound along Dajhong Road until the existing northbound ramp of National Highway No.1, approximately 1.1 kilometers long. The additional ramp is designed as an elevated bridge, descending after passing the Dingjiong Road intersection, and eventually connecting with the existing ramp in the form of a plane embankment. The total budget of the project is NT\$642 million. Construction started on March 5, 2018 and is scheduled to be completed in May 2020.



### *7. Northern Section of Kaohsiung City Coastal External Access Road (New Provincial Highway 17) Construction Project*

Entering the northern boundary of Kaohsiung City via Provincial Highway 17, the road runs along Yuanjhong Harbor military zone and passes Houjin River and the Zuoying Military Dependents Village, heading south to connect Jhonggheng Road and stretching till the South Gate roundabout in Zuoying District. It relieves traffic congestion in Cueihua Road, the original Provincial Highway 17. The road is divided into northern and southern sections by Demin Road. Construction of the northern section commenced on October 23, 2017 and is scheduled to be completed in February 2020. Basic design of the second tender has been approved by the Construction and Planning Agency of the Ministry of the Interior; outsourcing procedures are currently underway.

### *8. Jhongshan 4th Road and Yanhai Road Pavement Improvement Project*

Jhongshan 4th Road and Yanhai Road Pavement Improvement Project improves road length by about 11 kilometers, improving area approximately 557,476 m<sup>2</sup>. The project includes pavement resurfacing, base improvement and drainage improvement. In December 2018, the pavement of the northward section of Jhongshan 4th Road (Airport entrance-Jinfu Road) has been completed, and regarding the subsequent improvement of the road section, the city managed road improvement plan of the Waterfront Industrial Area has been contracted out (Jhongshan Yanhai Road) (Phase I) and the city managed road improvement plan of the Waterfront Industrial Area (Jhongshan Yanhai Road) (Phase II) has been handled, and the work has been started on March 8, 2019, expected to be completed in July 2020.

### *9. The first phase and the second phase of the Nansing Road project*

The first phase and the second phase of the Nansing Road project were completed in October 2015 and in July 2016. Besides, the third phase of the Nansing Road project (Cishan 2nd Road to Fongbei Road northward segment) improves the length of about 1,600M, an area of about 16,891 m<sup>2</sup>. The project content includes weak base improvement and AC surface layer paving. The project case started on November 12, 2018, expected to be completed in May 2019.

## *Traffic Planning*

### *1. Transportation Planning*

#### (1) Six-Municipality Transport Forum

- The Six-Municipality Transport Forum is hosted on a rotating basis by New Taipei City, Taoyuan City, Taichung City, Tainan City, and Kaohsiung City each year. This year's forum, hosted by Kaohsiung City on August 17, 2018, focused on exchanges and discussions regarding the implementation of traffic and transportation policies, results, and relevant aspects.
- Transportation heads from the six municipalities, experts, and scholars engaged in discussions on green transportation and intelligent transportation, which were the forum topics, hoping to facilitate the governance of livable, sharing, and smart cities through experience sharing and interactions.





The holding of the Six-Municipality Transport Forum

### (2) Transportation planning related to Underground Railway Project

The Kaohsiung Underground Railway Project starts from the southern part of New Zuoying Station of Taiwan Railway, passing through Baojhen Road, and reaching Fongshan, with a total length of 18.16 kilometers. Other than the original Zuoying, Kaohsiung and Fongshan stations, 7 commuter stations were established, namely Neiwei, Museum of Fine Arts, Gushan, Sankuaicuo, Minzu, National Science and Technology Museum, and Jhengyi Station. The total budget was around NT\$99.869 billion. The entire underground railway line was open to traffic in October 2018.

### (3) Light Rail Transport Integration Team

In consideration of the roads, traffic signs, and traffic control mechanisms along the light rail route as well as to seamlessly integrate the surrounding major public construction and development projects and to submit the plan for review by the Road Traffic Safety Committee, the City Government formed a Light Rail Transport Integration Team to serve as a discussion platform on the traffic control, traffic signs planning, and other topics concerning the rail routes during the construction period.

### (4) Kaohsiung Section of National Highway No. 7

The length of the entire Freeway No. 7 is around 23 kilometers. 9 interchanges or ramps are to be constructed along the freeway, namely Nansingduan, Linyuan Interchange, Linhai Interchange, Dapingding Interchange, Siaogang Interchange, Daliao System Interchange, Fongliao Interchange, Niaosong Interchange, and Renwu System Interchange, with total expenses amounting to around NT\$61.55 billion. The Bureau will continue to carry out these construction projects with the Taiwan Area National Expressway Engineering Bureau.

### (5) Feasibility study of adding Gangshan 2nd Interchange and Renwu Bade 2nd Road Interchange on National Freeway No. 1

#### ■ Adding National Freeway No. 1 Gangshan 2nd Interchange

Major industrial clusters such as Benjhou Industrial Park, Yongan Industrial Park, Southern Taiwan Environmental Science and Technology Park, and Kaohsiung Science Park are located around the Gangshan area. As a result, the Gangshan Interchange and access roads appear to be congested during peak hours. The Transportation Bureau has conducted a feasibility study and now tends to set up a diamond interchange on Jiasin East Road in Gangshan District. The total



budget is around NT\$837 million, and an application has been submitted to the Taiwan Area National Freeway Bureau, MOTC for its review.

- Adding National Freeway No. 1 Renwu Bade 2nd Road Interchange

In response to the future development and traffic demand of the City's Zuoying and Renwu districts, and to divert traffic and improve traffic congestion on the Dingjin System Interchange, an assessment was performed regarding building a new interchange between Nanzih and Dingjin System Interchange on National Freeway No. 1. The Transportation Bureau has conducted a feasibility study and tends to set up a diamond interchange on Bade 2nd Road. The total budget is around NT\$1 billion, and an application has been submitted to the Taiwan Area National Freeway Bureau, MOTC for its review.

(6) Road intersection (section) facility optimization project

- To improve road traffic safety in the City and reduce traffic accidents, joint inspections and improvements with relevant agencies will be carried out immediately after the occurrence of A1-type fatal accidents to help prevent such accidents in the future. The status of improvements should be reported to the Road Traffic Safety Committee of the City.
- The causes of A2-type accidents will be analyzed as well as the types of vehicles and ages of people involved, and improvement strategies in regard to the following five dimensions: engineering, law enforcement, education, propaganda, and supervision will be proposed at the monthly meetings of the Road Traffic Safety Committee.

- In 2018, Chuangyi Engineering Consulting Corporation was commissioned to carry out the 2018 Accident-Prone Intersections Improvement Project. The traffic conditions at ten intersections, including the Jhongjheng 1st Road/Freeway intersection in Lingya District and Minzu 1st Road/Shihcyuan 1st Road/Shihcyuan Road intersection in Sanmin District, and the performance of relevant traffic improvement strategies will be evaluated. The evaluation results will serve as a reference for future traffic improvements in the City.

- According to the traffic accident data provided by the Police Bureau, the number of deaths caused by A1-type accidents in the City between 2011 and 2018 decreased from 251 to 130, and the number of injuries caused by A1-type and A2-type accidents in 2018 totalled 62,949, a decrease by 3,684 compared to last year (66,633 injuries). A declining trend is seen, which shows that the City's traffic safety improvements have worked and that the City is constantly striving to achieve Vision Zero.

(7) Establishing universal design taxi and tourist taxi teams

- In 2018, 181 universal design taxis were in operation and providing services in the City. The percentage of disabled passengers taking universal design taxis reached 74%, which was the highest among the six metropolises in Taiwan. In regard to the engagement of universal design taxis in the Long-Term Care 2.0 Transportation Service Program, eight taxi teams have completed the qualification screening process and obtained approval to proceed. Among them, Crown Taxi and YESTAXI have entered into a contract. A total of 27 universal design taxis began operations



on December 1, 2018.

- The City initiated the taxi driver English training and licensing program and had issued 1,502 tourist taxi driver licenses by 2018, ensuring in-depth and quality touristic services for passengers. In 2018, 27 large cruise ships berthed at the Port of Kaohsiung. The Transportation Bureau led the country by introducing tourist taxi shuttling services at the harbor. Tourist taxi fleets took turns to provide on-site services, serving over 4,000 cruise passengers in about 2,000 trips, substantially increasing income in the taxi industry.

(8) Promoting public taxi services and taxi carpool plans

- The City initiated its first public taxi service, replacing public buses with taxis to provide demand responsive transit services and achieve a variety of qualitative and quantitative benefits (transportation volume growth by multiples and a 25% cost reduction). It was deemed as a national benchmark project.

In 2017, evening shuttle services were launched on both weekdays and holidays, which received positive feedback from the public. Public taxis have thus become a safe public transport option at night, providing not only a means of transportation but also enjoyment of life. In 2018, carpool services were provided for visitors to Siaogangshan Skywalk Park as an effort to develop tourism in Gangshan District. 6,159 trips were made in the first month, serving 28,223 passengers, which was a remarkable result.

- As of 2018, a total of 23 routes were in operation. In the future, the government will continue to review implementation results to meet passengers' needs and

effectively manage its subsidized funding. In the meantime, it is expected that through an appointment system and differentiation in service, the combination of diversified taxis can provide more quality transportation services.

- Taxi carpool service to campus was introduced in 2016; the highest single-month growth of the number of passengers has reached 80%. The number of A1 and A2 accidents for cars and motorcycles involving college-aged passengers has gone down from 13,846 to 8,191, a 41% decrease from the same period last year. In 2017, resources were coordinated to re-launch a district-typed carpool plan, which was first carried out in Yanchao District and then in Nanzih District in 2018, to achieve a zero-accident, comfortable campus transportation environment. Statistics show that in 2018, the number of carpool rides was over 37,000, serving more than 158,000 passengers, an average of over 13,000 people every month.

(9) Operation of Taiwan's very first diversified taxis

Taiwan's very first diversified taxis started to be operated in the City on December 29. As of 2018, there were a total of 12 business operators, with 242 vehicles in operation. It is expected to reach 500 vehicles in the future.

For its operational model, an appointment app is used and different classes of vehicles are offered to satisfy the diverse needs of passengers and provide transportation services that feature intelligent, customized, sophisticated, safe, and other diverse qualities.



## 2. Roads and Bridges

In 2018, a total of 23 new road and bridge construction projects were outsourced; a total of 49 projects started construction, of which 19 have been completed, the remaining 30 are underway and are being implemented actively.

## 3. Planning and Management of Parking Lots

### (1) New construction of off-road public parking lots

The Bureau has embraced and implemented the concept of "off-road parking as the primary option and roadside parking as the secondary option". In 2018, 9 off-road public parking lots were built, adding 1,459 parking spaces for small vehicles and 311 parking spaces for scooters. Furthermore, 2 public parking lots were renovated to provide a more favorable parking environment and to effectively accommodate local parking demands.



Huangpu Village Public Parking Lot



Smile Public Parking Lot

### (2) Introducing private funding and promoting multipurpose parking towers

The contract for Private Participation in the Construction of 35 Public Lots in the Aozihdi Area of Kaohsiung City, which includes 4 years of construction and 46 years of operation, was signed on April 26, 2018. The construction is expected to be completed in April 2022, and operations will begin in May 2022. As for the future public infrastructure, public parking lots will provide approximately 600 parking spaces for small vehicles, 1,100 for scooters, and 40 for bicycles. In addition, an area of about 1900 square meters will be provided for use by city government agencies, and shopping malls, food courts, bookstores, and movie theaters will be built as subsidiary businesses.

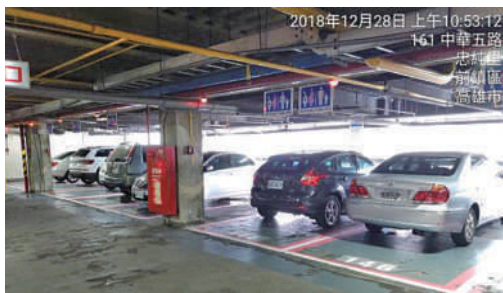


Image of the exterior of the private institution under planning

### (3) Encouraging the private sector to establish public parking lots

- The government has accepted the private sector's applications and provided guidance for constructing off-road public parking lots. In 2018, it approved 150 private parking lot applications, which offer an additional 96 parking places for large vehicles, 10,691 parking places for small vehicles, and 691 parking places for scooters. The annual increase rate hit a record high.





Costco Zhonghua Store Parking Lot



Do Do Home Fenyang/Huangsing Parking Lot

#### (4) Installing bicycle stands

- In 2018, the Transportation Bureau installed 300 additional bicycle stands at various suitable locations, such as organizations, schools, parks, and public transit stations. Personnel were sent to inspect the use of bicycle stands on a regular basis, and bicycle stands that were less used were relocated to areas with higher demands. A total of 320 bicycle stands were relocated, and 26,268 bicycle stands were efficiently used in the City.
- The Transportation Bureau has cooperated with the Environmental Protection Bureau to remove discarded bicycles that occupied bicycle stands. A total of 624 bicycles were removed. Kaohsiung Rapid Transit Corporation has also been requested to inspect the bicycle stands around its stations, thus efficiently eliminating occupancies and enhancing their turnover rate.



Bicycle stands on the sidewalk at the intersection of Cisian 2nd Road and Nantai Road



Bicycle stands on the campus of Renwu Senior High School

- (5) As of 2018, there were 48,761 parking spaces for cars and 66,685 parking spaces for scooters on the roadside, as well as 21,884 parking spaces for cars and 6,651 parking spaces for scooters at off-road parking lots, to accommodate public demand.
- (6) People can check and pay parking fees at convenience stores. In 2018, the amount collected by convenience stores totaled NT\$364,705,193.
- (7) The public parking lots are self-financed and managed. Both the income and expenditures are incorporated into a fund. In 2018, the surplus was NT\$343,126,045.

#### 4. Improvement and Maintenance of Road Traffic Facilities

- (1) Maintenance of traffic signals, signs, and markings
  - Signals

In 2018, 20 traffic signals were installed; pedestrian signals were installed



at 21 locations ; and underground traffic signal conduit lines were installed at 16 intersections. As of the end of 2018, 5,132 intersections had traffic signals.



Pedestrian signals



Underground conduit lines at the intersection of Sanduo Road and Syueyuan Road in Lingya District

■ Signs and markings

2,345 regulatory and warning signs were installed (replaced) at the City's major intersections, and 1,712 reflectors were added. 114,643 square meters of hot-mix reflective road surface markings were placed on roads.



Installation of direction lines and channelizing lines



Installation of criss-cross lines

(2) Innovative traffic facilities

■ Marked sidewalks

Marked sidewalks were installed by combining bright green pavement with the markings “pedestrians only”, to clearly indicate the pedestrian routes and divide the space for pedestrians from that for vehicles. In 2018, marked sidewalks were installed at 12 locations.



Marked sidewalks

■ Solar-powered warning lights

Solar power is used to avoid the time-consuming power supply applications and construction process required for the installation of traditional signals, which saves both electricity expenses and installation costs. Moreover, the method of installing yellow flashing beacons on main roads and red flashing beacons on branch roads efficiently distinguishes the right of way of drivers on main and branch roads and increases visibility at night, thus reducing traffic accidents. Such lights were installed at 5 intersections in 2018.



Solar-powered warning lights

### (3) Traffic Management System Establishment Plan

- To improve intersection safety along the Light Rail, a collaborative vehicle-road design and practice project has been carried out. Sensory equipment is used to detect the movement of vehicles approaching intersections so that movement information can be analyzed and collision warning messages can be released in a timely manner. The types of related accidents were analyzed based on the statistics of traffic accidents at the intersections along the Light Rail in 2016 and 2017. A pilot project was then carried out at the 2 intersections where the first stage of the Light Rail was launched (Jhongsan/Kaisyuan and Jhensing/Kaisyuan), to collect information about intersection signal timing, vehicle location and trajectory and to determine the probability of collisions. Warnings will also be given to vehicles (cars and light rail trams), so as to reduce violations and prevent collisions. After this system was activated in January 2018, the traffic accident rates greatly decreased at the 2 intersections (the same accident reoccurred only once from January to the end of November in 2018, representing a 90% decrease of the traffic accident rate). This project has also been ranked as "excellent" in the MOTC's Intelligent Transportation System Development Program.



The collaborative vehicle-road integration system



The awarding ceremony for the MOTC's Intelligent Transportation System Development Program

- The intersections with traffic dividers to separate fast and slow lanes in the downtown of Kaohsiung City were investigated to reduce conflicts between vehicles making right turns from fast lanes and vehicles moving forward on slow lanes. A priority review and improvement plan was made regarding intersections with higher potential conflicts where phase control is shared by both fast and slow lanes and the fast lane allows right-turns. In 2018, improvements were made at 22 intersections. Follow-ups will be performed regarding the effects of the improvements on preventing traffic accidents.



Diversion of fast and slow traffic

- As an effort to prevent danger for pedestrians who are unable to safely cross an intersection when the pedestrian signal remains green, the roads with a width of 25 meters or above in the City were inspected again to see if the duration of the green light is sufficient for pedestrians to pass. In 2018, 90 road sections and 1,103 intersections were inspected, the duration of pedestrian signals at 363 intersections was adjusted or prolonged, and pedestrian signal phase was added at 12 intersections. Moreover,

delay-time actuated traffic signal controls are introduced to allow pedestrians more time to pass.



Delay-time actuated traffic signal controls

- Improvement and Maintenance of Traffic Facilities

The total area of road and bridge construction in 2018 is 122,362 square meters, and the total length is 4,147 meters (see Table 3-6)

Table 3-6 Statistics on road construction of traffic facilities in Kaohsiung City

Year	Newly Built Roads and Bridges	
	Total Area ( m <sup>2</sup> )	Total Length (m)
2009	43,141	2,916
2010 (city-county consolidation)	223,986	13,470
2011	70,848	7,162
2012	159,935	9,167
2013	204,643	20,463
2014	151,902	11,290
2015	214,972	13,783
2016	35,191	3,545
2017	90,414	5,503.8
2018	122,362	4,147

Source: Public Works Bureau, Kaohsiung City Government



### 5 Management of Automobiles and Motorcycles

As of the end of 2018 there were 907,200 automobiles and 2,008,475 motorcycles registered in Kaohsiung City, and the total number is 2,915,675 motor vehicles.

Table 3-7 Average Growth Rate and Ownership of Automobiles and Motorcycles in Kaohsiung City

Year	Population	Automobile			Motorcycle		
		Quantity	Annual Growth Rate (%)	Ownership Rate (Person per Vehicle)	Quantity	Annual Growth Rate (%)	Ownership Rate (Person per Vehicle)
2009	1,527,914	424,052	-0.27%	0.28	1,207,026	0.38%	0.79
2010	2,773,483	798,060	*	3.48	2,259,019	*	1.23
2011	2,774,470	815,669	2.21%	3.40	2,304,532	2.01%	1.20
2012	2,778,659	849,693	4.17%	3.27	2,282,969	-0.94%	1.21
2013	2,779,877	864,707	1.77%	3.21	2,091,326	-8.39%	1.33
2014	2,778,992	862,120	-0.30%	3.22	2,010,222	3.88%	1.38
2015	2,778,918	898,829	4.26%	3.09	1,996,809	-0.67%	1.39
2016	2,779,371	908,475	1.07%	3.06	1,990,803	-0.30%	1.40
2017	2,776,912	899,024	-1.04%	3.09	1,999,902	0.46%	1.39
2018	2,773,533	907,200	0.91%	3.06	2,008,475	0.43%	1.38

\* The data of the original Kaohsiung County for 2010 was added to Kaohsiung City because Kaohsiung City and Kaohsiung County consolidated on December 25, 2010.

Source: Kaohsiung Motor Vehicle Office, DGH, MO

Table 3-8 Automobiles and Motorcycles Registered in Kaohsiung City

Year	Automobiles	Motorcycles	Automobile Driver	Motorcycle Driver
2009	424,052	1,207,026	811,535	921,193
2010	803,840	2,259,019	1,450,871	1,671,798
2011	815,669	2,304,532	1,529,353	1,743,008
2012	849,693	2,282,969	1,558,144	1,773,560
2013	864,707	2,091,326	1,464,341	1,663,793
2014	862,120	2,010,222	1,578,719	1,806,848
2015	898,829	1,996,809	1,605,022	1,832,143
2016	908,475	1,990,803	1,635,684	1,854,120
2017	899,024	1,999,902	1,661,699	1,874,760
2018	907,200	2,008,475	1,048,184	1,176,475

\* The data of the original Kaohsiung County for 2010 was added to Kaohsiung City because Kaohsiung City and Kaohsiung County consolidated on December 25, 2010.

Source: Kaohsiung Motor Vehicle Office, DGH, MOTC



## 6 Road Administration

- (1) Driving tests for drivers and motorcyclists
  - For drivers:
    - A. Written examination 20,689 person/times attended, and 18,763 person/times passed
    - B. Road examination 23,552 person/times attended, and 17,066 person/times passed
  - For motorcyclists:
    - A. Written examination 28,838 person/times attended, and 20,768 person/times passed
    - B. Road examination 34,968 person/times attended, and 26,501 person/times passed
- (2) Cooperate with other official groups and utilize the “Remote Area touring Services”, Kaohsiung City Motor Vehicles Office holds motorcycle license test counselings for new immigrants irregularly. In order to help new immigrants to attend the motorcycle license test successfully, the designated person explains test process and skills before license test. In 2018, together with “Alian District Office ” “Liouguei District Office ” “Maolin District Office ” “Namasia District Office ” “Taoyuan District Office ”, 8 sessions of motorcycle license test counseling were held and helped 222 new immigrants.
- (3) For serving citizens from remote area ,there were 7 sessions of “Driving License Test Services” held in 2018. The services benefited about 1,007 citizens.
- (4) Cooperate with “Merida Bicycles Co. LTD.”, “Kwang Yang Motor Co. LTD.” and “Chung Cheng University-Road Teacher Program”, Kaohsiung City Motor Vehicles Office established the first “Safe Driving Education Center” in Taiwan. The center launches a series of touring education campaigns including “Driving Safety Workshop” and “Senior Learning program.” These programs

are widely promoted to the secondary and primary schools, colleges and universities in Kaohsiung. There were 165 sessions held in 2018 and 34,093 citizens and students participated in.

- (5) To strengthen safety concepts of motorcycle riding at night for people and young students, “Safety defensive driving training camp” is originally hold by Kaohsiung City Motor Vehicles Office. Cooperates with “Kwang Yang Motor Co. LTD.” and other private groups, the camp provides solutions for the main factors of traffic accidents and teaches citizens the basic techniques in road driving. There were 2 sessions of the “Safety defensive driving training camp” held in 2018 , and 250 citizens participated in.
- (6) Vehicle license plates were auctioned to the public using the common bidding method on private auction sites. The public can go online and bid for their selected plate number at home. The open auction of private vehicle license plates in 2018 auctioned off a total of 1,417 plates with bidding amount totaling NT\$9,234,000

## 7. Public Buses

- (1) Strengthened supervision of city bus management

- Sustainable bus management plan

The City has implemented the “Bus Ridership Increase Project” since 2014. Through the strategies such as optimization of the bus route network, the delegation of bus services, and Bus E-take, the project aims to elevate the competitiveness and operational performance of the City's bus system and increase the public's interest in using public transportation. To increase the public's interest in using public transportation, the City continued to launch a variety of e-ticket discount programs in 2018. Compared to the free



bus ride period in 2014, the bus ridership increased by 1.85 million rides in 2018.

#### A. Mobility as a Service (MaaS) program of the City

In response to the development of the Internet of Things (IoT), the Institute of Transportation under MOTC worked with the Transportation Bureau to launch the nation's very first Men ▶ Go Monthly Pass, which integrates the fare systems for not only the KMRT, buses, and Light Rail in the City but also for auxiliary transport services such as taxis for the first time. The monthly pass was officially launched on September 28, 2018. People who purchase the 30-day Unlimited Pass when applying for the Men ▶ Go Card may enjoy unlimited KMRT, bus, and Light Rail rides. The MaaS program offers four options: Unlimited Pass, Monthly City Bus Pass, Monthly Bus and Intercity Bus Pass, and Unlimited Ferry Pass, in order to provide more convenient and favorable services for citizens. 15,092 MenGo passes had been sold as of December 2018.

#### B. Bonus discounts for transfer between buses and Light Rail

To encourage the public to take public transportation, starting on October 1, 2018, passengers who transfer between Light Rail, the former intercity buses, or city buses and city buses within two hours using e-tickets would enjoy a free one-section bus ride; passengers who transfer between Light Rail, the former intercity buses, or city buses and the former intercity buses within two hours using e-tickets would enjoy a fare discount of NT\$12.

#### C. A one-way transfer promotion for the

#### KMRT and city buses

Passengers using e-tickets to pay for KMRT fares can enjoy a NT\$3 discount when making a transfer to city buses (one-way) within 2 hours.

#### D. Enjoying unlimited rides by paying fares for two sections at maximum per day

Passengers using e-tickets to take city buses only need to pay fares for two sections in one day, and may enjoy free city bus rides from the third section onwards on the same day. (This program does not include express, cultural, sightseeing, and medical bus routes and bus routes for which mileage rates apply. In addition, the relevant discounts do not apply if the passes held offer other discounts, such as the Welfare Card, as well as the affinity cards, citizen cards, regular passes, monthly passes, and children cards issued in other cities and counties. Moreover, holders of e-tickets will not be able to enjoy the discounts if the balance is insufficient to pay the fares and the unlocking fee.)

#### E. Former intercity bus fare discounts

Passengers using e-tickets to take the former intercity buses may enjoy a discount of up to NT\$60 (excluding Cishan-Meinong freeway express buses and Buddhist Pilgrim Express).

#### F. Kaohsiung City Public Transport Winter Free Ride Promotion

In response to poor air quality every winter and to encourage the public to use public transport to reduce emissions from private vehicles, the City initiated a 3-month free bus ride promotion program for e-ticket users from December 1, 2017



to February 28, 2018.

- Applying for subsidies from MOTC to carry out projects related to public transportation development

To provide a safer and more comfortable bus ride experience and create an excellent bus stop environment, the City actively applied to the MOTC for subsidies from its Diversified Highway Public Transportation Improvement Program. Subsidies were approved for 39 projects, totalling NT\$450,099,742.

- Shuttle buses for low-carbon tours

A. Kaohsiung shuttle service - Cultural Tour Bus Pass

The “Cultural Tour Bus Pass” discount program has been promoted. The public can get on any of the following five cultural buses with the pass: the Hamasen Cultural Bus, Zuoying Cultural Bus, Fongshan Cultural Bus, Hongmaogang Cultural Bus, and Taiwan Tourist Shuttle – Dashu Shuttle Bus. The pass also allows free transfers to city buses. The Tourism Bureau under MOTC conducted an evaluation on the Taiwan Tourist Shuttle routes in 2018. Among the nominated routes in the six municipalities, Buddhist Pilgrim Express and Dashu Shuttle Bus won the first and second places, respectively.

B. Discounts for bus trips to National Science and Technology Museum

Passengers who take the Jyuemin/National Science and Technology Museum Line (No. 60) and get off at the National Science and Technology Museum Stop may receive an admission ticket voucher for the National Science and Technology

Museum. With the voucher, they can purchase an admission ticket for the exhibition hall of the National Science and Technology Museum at NT\$70 for an adult (the original price is NT\$100) and at NT\$50 for a student (the original price is NT\$70).

- Reducing the age of the vehicles to improve road safety

The City has 1,021 buses, including 109 electric low-floor buses, 284 low-floor buses, 376 general large buses, 172 medium-sized buses, 63 wheelchair-accessible large buses, 15 wheelchair-accessible medium-sized buses, and 2 double-decker buses, with an average bus age of 5.68 years.

- Buses on the Campus

The bus routes around the colleges and universities in the City have been extended to the campuses in order to encourage young students to choose buses instead of scooters as the mode of transport. By the end of 2018, bus services were available at ten colleges and universities, including Shu-Te University and National Sun Yat-sen University. The number of participating schools in the City was the highest among all the cities and counties in Taiwan. The number of students taking the buses at each school per day grew 14 times compared to 2015. The number of deaths and injuries from traffic accidents also greatly decreased. The number of traffic accidents among students at each school decreased by 205 (a 45.5% decrease) compared to the same period in 2016, which shows how remarkable the outcome was.

- Creating a comfortable and friendly transportation environment

A. To enhance bus service quality and build a barrier-free and friendly





transportation environment, 473 low-floor and wheelchair-accessible large and medium-sized buses have been operating on the routes that connect hospitals and special education schools for the physically and mentally disabled.

- B. Through active purchase and donation of Rehab Buses from all sectors, the Rehab Bus fleet of the City now consists of 156 vehicles, offering highly mobile and convenient transportation services to the physically and mentally disabled.

Throughout 2018, the Rehab Bus fleet offered transportation services 329,406 times and served 628,391 passengers.

- C. Bus operators continued to be encouraged to replace old buses with electric low-floor buses. As of December 2018, the number of electric buses in the City reached 109, accounting for about 10% of the total number of buses. The City aims to replace all buses with electric buses by 2030, which is a policy of the Executive Yuan.

## (2) Improving the bus stop environment

- In 2018, 50 bus shelters were built, and 100 bus stop plates were installed. Presently, there are 819 bus shelters, 815 vertical bus stop plates, and 1519 rotary bus stop plates.
- The environment of 5 bus stops or shelters, including those on Sinjhuang 1st Road, Boai 1st Road, and Waihuan W. Road, was improved in 2018. Improvements will continue to be carried out at different road sections and in different years.
- To work around conditions such as side ditches next to sidewalks or land limitations where bus shelters could not be constructed, 47 innovative, cantilever

style bus shelters were erected to achieve the goal of improving the bus stop environment.



A bus shelter

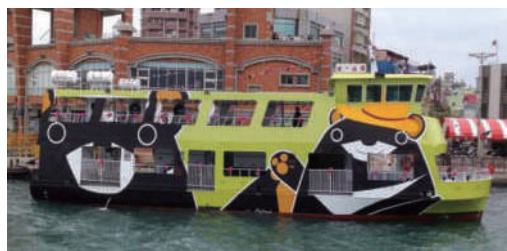


A cantilever style bus shelter

## 8. Boats and Ships

### (1) Asia's first fully electric ferry "Chi Fu No.1"

The ferry was built locally in Cijin, Kaohsiung, replacing the traditional diesel engine with an electric drive system. The "Kaohsiung Bear" logo was painted on both sides of the hull. It was launched after delivery in January 2018.



Chi Fu No.1

### (2) Harbor cruises such as "Harbor Cruise, Maritime Feast," "Themed Harbor Cruise,"



and "Customized Charter Cruise" took passengers around the Port of Kaohsiung to enjoy the romantic scenery of sunsets and night views. It served 26,811 passengers in 2018.



A harbor dinner cruise

- (3) The new ferry route between Kaohsiung Port Warehouse No. 2 and Cijin

The ferry route between Kaohsiung Port Warehouse No. 2 (KW2) and Cijin was launched on June 13, 2018, connecting the tourist attractions in the Pier-2 Art Center, KW2, Cijin, and Gushan (Hamasen) and attracting more visitors to these areas.

- (4) Operational reform

- Continuing to enhance the management of the flow of people embarking on ferries
  - A. A dedicated lane for Cijin residents was set up, and additional staff members were deployed during the rush hours to enhance management and reduce ferry waiting time.
  - B. Pedestrian traffic and vehicle traffic are separated on general holidays, and gas-powered scooters of general tourists are banned on ferries from 11 a.m. to 5 p.m. during multi-day holidays.
- The operation and management of the solar-powered Love Boats continued to be outsourced to Dapeng Bay Yachts Co., Ltd. in 2018. A fixed royalty of NT\$15 million is collected each year.

## Road safety

### 1. Traffic accident prevention:

- (1) In 2018, there were 129 cases of A1 traffic accidents, 130 fatalities, and 55 injuries. When comparing the above with 2017 data (136 cases of A1 traffic accidents, 137 fatalities, and 58 injuries), there were 7 fewer cases in A1 traffic accidents, 7 fewer cases in fatalities, and 3 fewer cases in injuries.
- (2) The Elderly People Road Safety and Assistance project was implemented. When comparing the cases of death of senior people in traffic accidents between 2017 and 2018, there was a decrease of 6.8% (3 people, from 44 people in 2017 to 41 people in 2018).



Poster of "elderly people road safety" project

- (3) A traffic message channel (TMC) system was established to connect the Traffic Incident e-System to the Traffic Condition Center of Institute of Transportation, MOTC. It enables information on non traffic incidents, traffic congestion, traffic control and road condition to be instantly transmitted to the Traffic Condition Center of Institute of Transportation, MOTC, which can then update the public with traffic conditions through broadcasting media so people can avoid sections with heavy traffic or choose an alternative road or transportation. This measure not only alleviates traffic congestion caused by traffic accidents but also reduces



multiple-vehicle collisions, which may aggravate traffic congestion.

[http://demo.skmp.h.gov.tw/\(S\(vjevscvbiaz1lrz0i0nos3we\)\)/TmcQuery\\_Web.aspx](http://demo.skmp.h.gov.tw/(S(vjevscvbiaz1lrz0i0nos3we))/TmcQuery_Web.aspx)

- (4) Traffic accident visualization by spot diagrams: Plotting traffic accidents on spot diagrams allows accident-related data and information to be visually and clearly displayed and be more readily available. Spot diagrams also include all accidents that happened around the neighboring areas. This spatial presentation of data enables users to see links between space, road construction works, and traffic accidents, which is useful for government agencies involved in construction, law enforcement, education, and policy dissemination.

<http://www.kppgis.tw/Default.aspx>

### 2. Strict law enforcement:

- (1) Heavy penalties for serious traffic rule violations: After implementing the Road Safety and Law Enforcement Project, there were 283,567 cases in 2018 of violation of 8 major traffic rules such as running a red light. When comparing 2018 data with the 314,707 cases in 2017, there was a decrease of 31,120 cases. More specifically, there were 13,420 cases in 2018 of drinking and driving, which was 385 cases more than the 13,035 cases in 2017. For running a red light, there were 134,314 cases (making a right turn at a red light excluded), which was 22,569 cases less than the 156,883 cases in 2017. For serious speeding (exceeding the limit of 40 Km/h), there were 3,421 cases in 2018, which was 417 cases more than the 3,004 cases in 2017. For driving on the wrong side of the road, there were 13,564 cases in 2018, which was 524 cases more than the 13,040 cases in 2017. In 2018, there were 28,711 cases of making a turn that violates the traffic rules, which was 2,053 cases more than the 26,658 cases in 2017. For driving zig-zagged

or aggressive overtaking, there were 661 cases in 2018, which was an increase of 42 cases compared to the 619 cases in 2017. For motor scooters using non-motor scooter lanes, there were 25,035 cases in 2018, which an increase of 18,203 cases compared to the 6,832 cases in 2017. For motor scooters failing to follow the mandatory hook turn when making a left turn, there were 64,441 cases, which was a decrease of 30,330 cases compared to the 94,636 cases in 2017.



“Making a turn that violates the traffic rules” project



“Protect pedestrians” project

- (II) Enforcing the law against gravel truck traffic violations: At least 3 gravel truck law enforcing actions were scheduled every month, and police officers from all precincts collaborated in this project to reduce serious traffic accidents. In 2018, the police enforced the law against a total of 26,423 cases of gravel truck traffic violations, and when comparing the above figure with the 16,512 cases in 2017, there was an increase of 9,911 cases.
- (III) Stopping and preventing dangerous driving: Kaohsiung City, Tainan City, and Pingtung



County police force all collaborated in stopping and preventing dangerous driving, especially motorcycle gang racing across cities. In 2018, 116 dangerous driver stopping and preventing actions were implemented with a total of 60,909 police officers. During these actions, 128 people were arrested because of offenses against public safety and 326 cases were reported for violating Article 43 of Road Traffic Management and Penalty Act. The police also continued their investigation on leaders of or anyone behind these motorcycle gangs to bring them to justice.

- (IV) The “Safe Ride Project” was implemented against taxi businesses violating professional taxi driving license and business registration related rules.

In 2018, there were 1,866 cases where the police enforced the law, 113 cases more when comparing with the 1,753 cases in 2017.



Implementation of the safe taxi project

### *3.Promoting traffic safety*

- (1) During the rush hours at major traffic junctions in Kaohsiung City (116 junctions on weekdays and 66 junctions on weekends and holidays), police were dispatched to direct and channel the traffic to alleviate traffic congestion and keep the traffic flowing smoothly. The police have also been sternly enforcing the law against drinking and driving, speeding, running a red light, and other behaviors breaching traffic regulations and posing a threat to road safety.
- (2) Overall traffic conditions in 2018: The forecasted major traffic congestion sections around the city’s main scenic sites are the

Qijin area (Qijin 1st Rd., Qijin 2nd Rd., and the cross-harbour tunnel), Meinung area (the end of State Highway No. 10 and around Jhongsing Road of Tai No. 28 Lane), E-Da World and the neighboring area (Syuefu Road, E-da 2nd Rd., and Shueiguan Rd.), Shoushan area (Gushan Rd., and Singlong Rd.), Hamasen/Hsitzu Bay area (Linhai 1st and 2nd Rd.), Qishan area (Jhonghua Rd. and Qishan old streets), Pier-2 Art District (Dayong Rd., Gongyuan Rd. and Cisian Rd.), Chengcing Lake (Dabi Rd. and Chengcing Rd.), and Qiaotou Sugar Factory (Tangchang Rd.). Traffic control plans were drawn ahead of the Chinese New Year according to the above information, and the police and the volunteer traffic police were dispatched for traffic control. Because of the plans, there was no major traffic congestion during the Chinese New Year, except some partial congestion at freeway interchanges on the second and third days of the Chinese New Year. Kaohsiung City Police Department will coordinate with the National Freeway Bureau to improve traffic control measures. Taken together, Kaohsiung City’s overall traffic condition in 2018 was almost as same as in 2017.

- (3) To reduce traffic accidents, to protect the safety and property of people, and to implement the updated Road Traffic Management and Penalty Act, the authority has chosen traffic rule dissemination and education, transportation infrastructure improvement, and stricter law enforcement to support right-of-way to be the 3 major targets for raising the public’s awareness of road safety and creating a better road and traffic environment. In 2018, a total of 482 sessions of traffic rules related dissemination were held.



Traffic propaganda



Traffic propaganda

## IV 、 Tourism Affairs

### Tourism Business

#### 1. Tourism and Marketing

- (1) Expanding cross-strait and international flights

From January to December 2018, Kaohsiung International Airport serviced an average of 36 air routes, with 354 one-way flights per week on average and a total of 5,657,412 passengers, representing an increase of 8.7% from 2017.

- (2) Participating in domestic and international travel fairs and tourism promotion activities

- Visits to 4 cities, including Tokyo, Japan; Seoul, South Korea; Hong Kong; and Bangkok, Thailand, were made to promote the city's themed tours.



A promotional event in Bangkok, Thailand

- Participation in domestic travel fairs:

Participated in the Kaohsiung Spring Travel Fair in April and the Kaohsiung Winter Travel Fair and Taipei International Travel Fair in November 2018. In collaboration with Kaohsiung's tour operators participating in the shows, the Bureau put greater effort in marketing and promoting the City's tourism resources.



2018 Taipei International Travel Fair

- (3) International cruise promotion

In 2018 a total of 54 cruises entered the Harbor. A total of 56,553 entries and exits to and from the Harbor were recorded.

- (4) Guided tour information system service

- Used the Kaohsiung Travel website (content is available in Chinese, English, Japanese, Korean, Vietnamese, and Thai)



to promote the Greater Kaohsiung’s tourist attractions, history, arts, fine food, and culture, and provide the latest travel updates for domestic and international tourists. A Japanese website is specially designed to promote Kaohsiung tourism and boost the city’s visibility and popularity in Japan.

- Actively managed the Kaohsiung Travel website, Facebook page and other social networking websites, giving instant updates on tours that explore Kaohsiung’s characteristics. Currently, there are about 380,000 followers on our Facebook page.
- (5) Producing tourism publications and promotional items
- The “Kaohsiung GO Tourist Passport” which is quarterly issued by the Kaohsiung Tourism Association provides regular updates on promotional information about Kaohsiung tourism, including promotional coupons from various stores. 100,000 copies were published with each issue.
  - Produced Kaohsiung tourism pamphlets in different languages including Chinese, English, Japanese, Korean, Vietnamese, and Thai, with the MRT and LRT routes forming the main travel map for the downtown of Kaohsiung, while text descriptions of other suburban attractions are also given. The pamphlets are available at the top 10 tourist attractions of the city, all tourist service centers and traffichubs, and are given away at international and domestic travel fairs and promotional activities. It serves as a good guide for independent travelers to tour around Kaohsiung.
  - Printed Kaohsiung travel booklets for independent travelers in 5 languages including traditional Chinese, simplified Chinese, English, Japanese, and Korean.
- (6) Subsidies for attracting or soliciting international tourists

The City’s Tourism Bureau drafted the “Kaohsiung City Tourism Promotion Subsidy Regulations”. A total of 219 programs were approved in 2018.

- (7) Establishing tourist-friendly environment and a positive image via the collaboration of the industry, government and academia.
- Visitor information centers were established at important traffic hubs, such as Zuoying HSR Station, Kaohsiung Main Station, and Kaohsiung International Airport to provide visitor information service and build a tourist-friendly environment and a positive image ofKaohsiung. To expand the service, the Bureau has cooperated with 7-Eleven to launch the first-in-Taiwan “para i-center” service (which was renamed as “Information Station” in January 2017). The service is available at 48 locations in 9 districts of Cishan and Meinong, Dashu, Dashe, Gangshan, Ciaotou, Zihguan, Yancheng, Cijin, and Sizihwan Bay. The city government received an Excellent award in the “2018 I-Center Tourism Service Quality Improvement Evaluation” given by the Tourism Bureau, Ministry of Transportation and Communications.
  - A Line account (LINE@) for theInformation Station service was set up as an instant-response tourist support system, providing intelligent visitor services.

## *2. Tourism Industry*

- (1) Guidance for and Management of the Tourism Industry
- Guidance on the management of hotel businesses  
The Bureau issued 12 hotel registration certificates with designated trade symbol, and inspectedthe operational status of 384



legal hotels, 19 illegal hotels, and 113 day-rental houses in 2018, totaling 516 premises.

- Guidance on the administration of B&Bs  
The Bureau issued 5 B&B registration certificates and conducted inspections on the operational status of 47 legally operating B&Bs and 3 illegal B&Bs in 2018, totaling 50 premises.
- Supervision and management of the operations of lodging industry in the City are practically implemented to ensure quality and safe lodging service for tourists. The City won the first award of outstanding performance in the municipality group of the “2018 Good Urban Accommodation – County/City Government Administration Performance Evaluation” by the Tourism Bureau, Ministry of Transportation and Communications.



Award presentation ceremony for Good Urban Accommodation Evaluation in 2018

- Guidance on the legalization of hot spring facilities  
Fourteen operators were assisted with the joint review process, and all of them were granted permission for development. These operators may apply for a hotel registration certificate from the city government and start legal operation once the land re-classification is completed and the building use permit (for hotel purpose) is obtained. Currently, 9 operators have

been approved for water use pursuant to the Regulations on Charges and Management of Hot Springs in Baolai Area of Kaohsiung City.

- (2) 2018 Kaohsiung Muslim-friendly Hotels and Restaurants Program

Additional marketing efforts were made to promote 14 certified Muslim-friendly hotels, 9 certified Muslim-friendly restaurants and 2 Halal-certified restaurants in Kaohsiung. Two Korean Muslim influencers were invited to travel in Kaohsiung in early May 2018. They posted 27 short videos documenting their visits to the certified hotels, restaurants, and local landmarks on their personal IG, and each post garnered about 7,000 to 10,000 views.



2018 Kaohsiung City influencer marketing of Muslim tourism through social media

- (3) Conducting “Hamansen and Yancheng Districts evaluation and designation of cultural or historical areas” and establishing the “Kaohsiung City Government’s hospitality industry advisory task force”

To assist local characteristic accommodation in the City with B&B registration, a plan was made to delineate “areas of cultural or historical value” to define the areas within urban planning districts where applications for B&B establishment are accepted. On the other hand, the Kaohsiung City Government’s hospitality industry advisory task force was set up to help businesses with the application for and registration of B&Bs.



(4) Revitalizing public-owned land to increase tourism resources

■ Cijin Resort Development Project

To revitalize the land of the former Cijin District Office and former Cijin Hospital, the Bureau collaborated with the National Property Administration for the development project and invited investments in the construction of high-quality resorts and recreational facilities, expecting to attract more tourists.

■ Lotus Pond Metropolis Resort Development Project

The site of the former Zuoying Junior High school, with its unique location near the riverbank, was utilized for the project mainly focusing on the development of hotels (including short-term hotels, retirement villages for senior citizens, and resort) and hotel facilities and amenities. In the future, various related businesses will be invited to the resort, including performance/exhibition venues, restaurants, and shopping malls.

■ The Public-Private Partnership for Baolai Flower Park and Hot Springs

Peripheral area of Baolai Flower Park and Hot Springs will be developed through BOT projects focusing on hot spring hotels, retirement villages, campsites, floral studio workshops and agricultural arts businesses.

**3. Tourism Development**

(1) 2018 Kaohsiung Lantern Festival

The Kaohsiung Lantern Festival is held on the water and along the riverbanks of the Love River. It is an important landmark tourist and festive event for the City. The activities held at Love River attracted about 3,010,000 attendees, bringing an estimated NT\$1.65 billion in tourism-related revenues.



2018 Kaohsiung Lantern Festival - Alley of Lanterns

(2) 2018 Neimen Song-Jiang Jhen Battle Array Festival

The 2018 Neimen Song-Jiang Jhen Battle Array Festival was held at NeimenZihjhu Taoist Temple in Neimen District. The event kicked off with performances honoring the century-old tradition and worshipping Guanyin. Other activities included Buddha welcoming at Luohanmen, National Creative Song-Jiang Jhen Battle Array Competition, joint performances of literary and action arrays, Song-Jiang Jhen Battle Array cultural exhibitions, the master chefs' banquet, guided historical tours of Great Cishan and Neimen District, the champion and 1st runner-up's performances of the National Creative Song-Jiang Jhen Battle Array Competition in Dream Mall, the "Song of Luohanmen" musical performed by a team from Shih Chien University. The festival attracted around 270,000 attendees, generating NT\$250 million in revenue. The live broadcast of the final on April 7 gathered 750,000 views.

(3) 2018 Formosa Summer Festival - Cijin Black Sand Play and Arts Festival

Integrated marketing was utilized to boost local tourism and consumer market. A series of experiential activities were held around the theme of "Kaohsiung makes me forget home", incorporating the ideas of environmentally-friendly practices, sports,





cuisines, and seaside mini-trips. Businesses from different sectors in Cijin formed strategic alliances to provide deals and discounts, complemented by “Cijin 520, I love you” hotel promotions. The Festival attracted 1,153,000 attendees, generating NT\$ 710 million in economic benefits.



2018 Cijin Black Sand Play and Arts Festival - Family Foam Party

#### (4) 2018 Love River Festival

Events held along the Love River included water sports experiences, rock-n-roll band performances, love song competition, beer and food creative fair. A river and harbor mini-trip was promoted with deals and discounts offered by hotel operators, and the well-connected transport systems of MRT, LRT and ferries.

#### (5) Tours and promotional activities

##### ■ “2018 Cycling in the Wind Kaohsiung” bike tours

Two advanced cycling routes in Dashe and Fongshan Districts, and one recreational cycling tour named “Caifong Thousand Cyclists Tour” were organized, with around 2,000 people participated. Tourist booklets for Dashe and Fongshan Districts were handed out to extend the economic benefits of the event.

##### ■ “2018 Come Travel! The Charming Kaohsiung”

Eight trips designed to bring in-depth travel experiences were organized in

Zihguan, Mituo, Yong-an, and Cieding. “The Color of Kaohsiung Fair” was held at Kezailiao Harbor on October 14 to promote local products and boost the trend of Kaohsiung coastline travel. Performances by famous bands and specialty marketplace fair were organized, attracting around 6,000 attendees.

##### ■ LiougueiBaolai Mountains Special Marketing and Promotional Activities: A Stroll in Cozy Liouguei

Japanese photographer Kengo Kobayashi filmed a series of marketing videos for Liouguei Mountain towns. The videos have been posted on Kaohsiung Travel Facebook page since December 22, 2018. As of the end of 2018, the page reach has accumulated to 159,763 and the videos have reached 54,947 views.

### 4. Tourism Projects

#### (1) Jinshih Lake Scenic Area

The central government provided NT\$34.20 million and the City government budgeted NT\$25.80 million, totaling NT\$60 million, for: Highlighted greening works on Jinshih Lake Bridge, beautification and greening works of the widened embankment, and improvement of lake-front recreational spaces. Public service facilities such as old hiking trail, public restroom in the north of park, and the park’s lighting, were renovated and improved.



2017 Jinshih Lake Scenic Area Renovation Program



(2) Lotus Pond Scenic Area

The central government provided NT\$34.20 million and the City government budgeted NT\$25.80 million, totaling NT\$60 million, for: Renovation, beautification and greening works of the playground in the north of the scenic area and sidewalks in the south of the area to create an eco-friendly urban space with highlighted environmental landscapes. The sidewalks, cycling lanes and parking lots between the Confucius Temple and Spring & Autumn Pagodas were renovated and old facilities were demolished to make more lake-front spaces.

(3) Shoushan Scenic Area

The central government provided NT\$33.06 million and the City government budgeted NT\$24.94 million, totaling NT\$58 million, for: Renovation of wooden walkways at the southern and northern entrances of Shoushan hiking trail and the railings at Sizihwan Bay lookout area to create a safer recreational environment. Construction of an imagery area at the entrance of Changshou Road leading to Shoushan Scenic Area was organized. Old public restrooms were renovated; a new hiking trail and a scenic overlook were built on Anhai Street. The Shoushan Love Overlook and the vestibule of the Martyrs' Shrine were refurbished while the historic significance and cultural environment of the peripheral area of the Martyrs' Shrine is reserved and manifested.

(4) Shoushan Zoo

The City government budgeted NT\$10 million for 2018 Shoushan Zoo Renovation Program, by which the holding and exhibit areas for elephants, meerkats, white rhinoceros, tigers, and black bears were renovated so as to improve visitor experience and the quality of life for the animals.

(5) Siaogangshan Skywalk Park

The central government provided NT\$14.25 million and the City government budgeted

NT\$10.75 million for the construction project of Agongdian parking lot and the peripheral area. Parking spaces were increased and shuttle bus stops were moved to improve traffic flows and provide more convenient travel arrangement for tourists.

(6) Chengcing Lake Scenic Area

The central government provided NT\$13.965 million and the City government budgeted NT\$10.535 million for: Renovation of the environment around Chengcing Lake and Niaosong Wetland, which focused on improving recreational attractions in the Chengcing Lake Scenic Area and beautifying the footpath and plaza in Niaosong Wetland to provide visitors with a high-quality recreational space.

(7) Baolai Hot Spring Area at Liouguei

The City government budgeted NT\$1 million for the construction project of Baolai Flower Park and Hot Springs and the peripheral area, by which the plaza at the main entrance of the park and the nearby parking lot of Kaohsiung Municipal Baolai Junior High School were renovated to provide high-quality recreational spaces for tourists.

(8) Other tourist constructions

The central government provided NT\$23.22 million and the City government budgeted NT\$12.78 million, totaling NT\$36 million, for:

- 2018 Renovation Program of Tourist Facilities in Namasia District, renovation of the site of the former Min-Cyuan Elementary School and Japanese Shrine, and establishment of a scenic overlook and wooden walkways to create high-quality recreational spaces.



Renovation Program of Tourist Facilities in Namasia District

- Meinong Lake Environmental Quality Improvement Program, a public restroom and lake-front platforms in the east of Meinong Lake were built so as to provide high-quality recreational spaces for tourists.
- 2017 Guanyin Mountain Public Restroom and Peripheral Area Construction Program, one public restroom at the entrance of Guanyin Mountain hiking trail was built and the peripheral landscapes were renovated. Facilities, mountain environment and landscaping imagery were integrated with the renovation works, which makes traveling more convenient for tourists, as well as makes the environment cleaner and more comfortable.

### 5. Scenic Area Maintenance and Management

#### (1) Lotus Pond Scenic Area

- The Lotus Pond Visitor Souvenir Center provided specialties and souvenirs full of local charm. Lively meal carts vending light meals and drinks were established, providing foods for tourists in various ways.
- Taiwan X Water Jump and PAMMA Coffee first introduced the blob jump activity and new water floating games in the Southern Taiwan. Coffee and light meals were

provided along the Lotus Pond, making it a diverse recreational water activity base.

- Lotus Wake Park established the first cable water ski park in Taiwan and encouraged the public to partake in water sports and recreation.

#### (2) Jinshih Lake Scenic Area

- Jinshih Lake Butterfly Park is Taiwan's largest netted-enclosure butterfly park, nurturing and displaying about 1,800 butterflies of various species. Visitors can see butterflies all year round in this ecological park, where winter and summer camps are scheduled irregularly, making it a famous field-trip destination for kindergartens, elementary schools, and junior high schools.
- Wandering Butterfly & Flower Handmade Craft Room provides nature and cultural craft education and simple coffee and tea drinking space to enhance recreational environment and service.



DIY handicraft activities and marketplace fair organized by Wandering Butterfly & Flower Handmade Craft Room

#### (3) Cijin Seaside Park

- Displaying up to 2,000 shells including the rare "Five King Cowry" and bivalves, the Cijin Shell Museum has one of the biggest collections in Asia. "The Secret of Transparent Fish" exhibition was co-organized with National Museum of Marine Biology & Aquarium from March 13 to November 30, 2018 with over 100



delicate specimens of transparent animals and fish on display, so as to promote marine ecology conservation.

- Cijin Beach Food and Beverage Leasing Program has brought sightseeing activities, live performances, food services, and sports activities such as beach volleyball and beach soccer to the citizens. The first Beach Soccer World Competition was held on June 16, 2018 and musical and beach sports activities of different scales were also organized.
- Cijin Rhyme Campsite provides tourists with full camping service, promoting a new type of travel in Cijin.

(4) Love River

Contractors were invited to operate the romantic Gondola tour on Love River, giving multiple vehicle options for touring around Love River. Moreover, a discounted package was designed in cooperation with surrounding businesses to attract more citizens to experience the Love River tour.

(5) Niaosong Wetland

The wetland was undertaken by Kaohsiung Wild Bird Society under the City Government's subsidy. Apart from the regular management and maintenance of the wetland park, the Society was also dedicated to ecological restoration and promotion of environmental education, offering free guided tours.

(6) Siaogangshan Skywalk Park

Siaogangshan Skywalk Park was inaugurated on February 14, 2018 and has become a new landmark of Northern Kaohsiung, driving the regional tourism development.



Bridal runway musical show held at Siaogangshan Skywalk Park

(7) Baolai Flower Park and Hot Springs

Different flowering trees were planted; floral walkways, hot spring hand baths, and a main plaza were established in the park, making it the new tourist hot spot.

## 6. Operations and Management of Shoushan Zoo

(1) Continued planning for marketing activities to boost the number of visitors

The number of visitors in 2018 was 750,367. The Tourism Bureau will continue to plan marketing and promotional activities and improve recreational facilities, so as to boost the number of visitors.

(2) Animal adoption program

A total of 563 citizens and 6 corporations took part in the animal adoption program in 2018 and the funds totaled NT\$882,945. Management and medical care of captive animals, pen environment improvements, and population management technology were strengthened through the animal adoption program. The City has thereby effectively strengthened the delivery of animal conservation information and promoted conservation concepts such as organism diversity, species habitats, etc.

(3) Camping activities

To promote ecological education and to provide healthy recreational activities for children, the Tourism Bureau hosted the



overnight camping activities, including The Little Zoo Owner, Little Ranch Owner, and overnight camps for elementary students. Focuses of the camp activities were on observation and description of animals. The activities were designed to develop children's observational, learning, and expression skills, and emphasize the importance of ecological conservation. In 2018, 14 sessions of camping activities were organized with a total of 720 pupils participated, generating NT\$1,006,400 in revenue.

(4) Zoo hours extended into the evening

In July and August, the zoo was open for evening visits every Saturday and Sunday. The zoo's opening hours were extended to 8:00 pm with 40th Anniversary Shoushan Zoo Old Photography Exhibition and many types of nighttime themed exhibitions and performances being planned and conducted. Visitors during the extended hours in summer 2018 reached 112,608.



40th anniversary old photo exhibition at Shoushan Zoo

(5) Campus ecological education and itinerant promotion in remote districts

In 2018, the zoo staff stepped into elementary schools in Cishan and Neimen Districts for promotional activities. Elementary students gained a deeper and more solid understanding of animal conservation through lively and interesting interactive activities, and professional presentation with the help of real animals.

(F) Strengthened exchanges and cooperation with international and domestic zoos

Zoos under the authority of Tourism Bureau actively conducted exchanges with other international and domestic zoos. Regarding domestic zoos, the zoo continued conservation collaboration with Taipei Zoo in preserving rare species in Taiwan and borrowed animals such as pygmy hippopotamus and Barbary sheep for breeding, so as to increase the animal types in the zoo. As for international zoos, the zoo signed the letter of intent for "Clouded Leopard Conservation Cooperation Program" with Zoological Park Organization, Thailand under the witness of the Taiwanese ambassador in Thailand in June 2018. The two parties will strengthen exchanges in terms of knowledge sharing and research on medical technology, wildlife conservation, breeding, staff training and zoo education.



Signing the letter of intent with Zoological Park Organization, Thailand for Clouded Leopard Conservation Cooperation Program

## *Maintenance of Ancient Monuments and Historic Buildings*

### *1. Identification of Cultural Assets*

In 2018, the former Tomomatsu Hospital at 22 Banchi, 5 Chome, Yancheng Machi, the Remains of Fongshan City Walls at No. 145, Yimin Lane,



and the Remains of Fongshan City Walls in the South Gate Section were designated as city-level monuments; the living quarters of Wang Yung-Tsai were registered as a commemorative building; the former Formosa Plastics Group Kaohsiung Plant and Living Quarters Area, the Wang Residence in Yongan, the Wave Building and Student Activity Center of San Sin High School of Commerce and Home Economics were registered as historic buildings; the Kaohsiung Port Station and Groups of Railways and Buildings in the Surrounding Old Port Area were registered as a cultural landscape; and the registration of the Southern Fujian-Style Three-Section Compound in Jioucheng Elementary School as a historic building was revoked. By 2018, there were 53 monuments (6 at the national level), 52 historic buildings, 1 commemorative building, 5 archaeological sites (2 at the national level), and 6 cultural landscapes, totaling 117 cultural assets in Kaohsiung City.

## *2. Cultural Assets Survey*

In 2018, the following projects were completed: The Restoration and Reuse of Sizihwan Tunnel and Its Air Defense Facility (historic building), Preservation and Maintenance of the Former Japanese Naval Aviation Dormitory (Sing Village) (cultural landscape of Kaohsiung City), Cultural Resources Survey and Reuse of Major Old Houses in 1 Chome, Sinbin Machi, the 2017 Kaohsiung City Monuments and Historic Buildings Inspection and Investigation Project, Installation of Disaster Prevention Systems for Kaohsiung City Monuments and Historic Buildings, Survey and Reuse of Buildings A and F of the Former Japanese Naval Aviation Dormitory (Sing Village) (historic building), and Phase 1 Survey of Cultural Resources along Ciwei Line, a railway for the sugar industry.

## *3. Restoration of Cultural Assets*

In 2018, the following projects were completed: The planning and design for the Sanhe Bricks Kiln (historic building) Restoration Project, Repair

Works for the Third and Fourth Parts of Fongshan Huangpu Veterans Quarter (cultural landscape), planning and design for the Landscape Lighting Improvement Project for the Old City of Zuoying (national monument), Emergency Support Project for the Cishan Stone Arcade (historic building), Support and Consolidation Project for Buildings A and F of the Former Japanese Naval Aviation Dormitory (Sing Village) (cultural landscape), Restoration of the Drainage Ditch at the Old City of Zuoying East Gate (national monument), planning and design for the Kaohsiung Daitian Temple (historic building of Kaohsiung City) Restoration Project, (complete) Post-Disaster Reconstruction of the Former Gushan Elementary School (city-level monument), planning and design for the Syongjihen North Gate (city-level monument) Restoration Project, Landscape Planning for Buildings B and C of the Former Japanese Naval Aviation Dormitory (Sing Village) and Outsourced Planning and Design for the Building Repair and Reuse Project, Phase 1 and Phase 2 Restoration Projects for Jianye Village (cultural landscape of navy dependents' villages in Zuoying), planning and design for the Water Passage Project for the Old City of Zuoying East Gate Moat (national monument), and planning and design for the Old City of Zuoying North Gate (national monument) and Jhenfu Temple Restoration Project. The city government has been working hard to preserve a variety of local cultural assets.

## *4. Revitalization of Cultural Assets*

### (1) The British Consulate at Takow

Guided tours, food and beverage services, and a souvenir shop selling cultural and creative commodities are available at the Consulate. In 2018, a total of 395,131 visitors visited the Consulate

### (2) Fongyi Academy

Diversified services, including cultural and historical exhibitions, sacrificial ceremonies at the Wenchang Temple, a creative and recreational tea house, a calligraphy



classroom, and a tile kiln classroom, are featured. In 2018, a total of 127,327 visitors toured the Academy.



### (3) Cishan Station

Cishan Station Sugar Railway Museum displays the sugar railway history of Taiwan through 9 thematic exhibitions, introducing to people the golden age of Taiwan's sugar railway. In 2018, the Museum hosted a total of 65,263 visitors.



### (4) Wude Martial Arts Center

Wude Martial Arts Center is the first historic monument in Taiwan that has been reused for its original purpose in order to bring to the citizens the authentic experience of martial arts. In 2018, a total of 18,220 visitors visited the Center.

### (5) Former Japanese Navy's Mingde Disciplinary Camp

This was the radio communication center built by the Japanese army during the period of Japanese rule. It served as an important military facility during World War II. The

facility is open to the public on holidays and guided tours are provided. In 2018, a total of 16,716 visitors toured the Camp.

### (6) Former Dinglinzhibian Police Station

The police station is now used as the Linyuan History Classroom, exhibiting the culture, history, industries, and daily life of Linyuan. In 2018, a total of 9,030 visitors visited the Station.

### (7) Takao Railway Museum

The original railway literature, station facilities, platforms, and railroad tracks inside the former Kaohsiung Port Station are preserved at the Museum. In 2018, the Museum welcomed a total of 223,194 visitors.

### (8) Pineapple Cannery

After two years of restoration, Jioucyutang Taifang Company Pineapple Cannery, a historic building, was opened in August 2018. The exhibitions in the Cannery introduce local cultural characteristics and the history of pineapples and canned food development in Taiwan. Events such as DIY activities, Be a Farmer for a Day, introduction to the culture and history of Dashu, and guided pineapple industry tours are organized on an irregular basis. In 2008, a total of 25,159 visitors visited the Cannery.

## 5. Marketing and Promotion of Cultural Assets

- (1) The Japan-Nurtured Harbor City: Presenting the Stories of Japanese in Kaohsiung, History and People of Donglai Village, Unknown History of Zuoying During World War II: Shinyo, Japanese Special Attack Units, in Taiwan, Passing Through Time: A Collection of Photos of Zuoying, Past and Present, The Power of Unity, and Kaohsiung Stories: Pizaitou Chapter of COFCH and Donglai Chapter of COFCH were published.

- (2) Operating the Hamasen, Old City, and



#### Fongshan Cultural Tour Buses

The cultural tour buses have become the transportation tools for people to visit cultural tourism destinations in Kaohsiung City. By 2018, the buses had served a total of 570,029 passengers.

- (3) Events such as the Kaohsiung Military Dependents' Villages Festival, National Heritage Day, Old City and Hamasen Footprints Projects, and Walking Tours in Cishan were organized.

#### 6. Takao Railway Museum

Presently, the Museum holds collections of related literature on railroads, stations, platforms, and rail tracks from the former Kaohsiung Port Station, including two of the most representative models of antique steam trains from the Japanese colonial period, CT259 and DT609, in addition to two retired locomotives and one hopper car from Taiwan Power Company. They are displayed in the outdoor area. These collections have contributed to the success of Hamasen Railway Cultural Park. In 2018, over 220,000 people visited the site.

## V 、 Agricultural and Fishery Development

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### *Agricultural Development*

There are 47,344 hectares of cultivated land in Kaohsiung City (accounting for 16% of the total land area of the City), with a gross output value in agriculture and animal husbandry of approximately NT\$26,744,780,000, a total of 70,057 farm households, and a farmer population of 243,905. In terms of agriculture, the gross output value is NT\$17,714,380,000. Vegetables, fruits and rice are among the main agricultural products of Kaohsiung City, which makes the city an important production region of fruits and vegetables in Taiwan. Its rice production areas include Meinong, Daliao, Ciaotou, Linyuan and Gangshan Districts. Kaohsiung has the greatest annual output of tropical fruits, especially guavas, jujubes, and litchis (Yu Her Pau); and the outputs of other fruits, including pineapples, papayas, longans, bananas, wax apples, and Jinhuang mangos, are also abundant, making

Kaohsiung the city of fruit in Taiwan. In terms of animal husbandry, the gross output value is nearly NT\$9,030,400,000: NT\$4,072,390,000 from pork, NT\$3,633,720,000 from poultry, NT\$556,610,000 from cow's milk, and NT\$767,680,000 from other animals and related products. In addition, there are a total of 1,203 livestock farms and feedlots in the city, farming 296,000 hogs, 7,252 cattle, 15,613 goats, 1,199 deer, 5,618,000 chickens, 229,000 ducks, and 62,000 geese.

#### 1. Rural Development

- (1) Promotion of Rural Regeneration and Leisure Agriculture
  - Approved the rural regeneration programs for communities including Cinhe in Taoyuan District, Jinjhu in Neimen District, Singuang in Cishan District, Jinggong and Guangde in Meinong District, Rihguangsiaolin in Shanlin





District, Lungang in Alian District, Sinfa and Laonong in Liouguei District, Yuanfu in Cishan District, and Gouping in Neimen District, and received NT\$24,540,000 for rural infrastructure construction, local industry promotion, overall improvement of rural community environment, ecological conservation, industrial revitalization, and cultural preservation.

- Completed a total of 224 hours of rural regeneration empowerment program training courses in communities including Fongshan and Shihan in Alian District, Kunniouhu in Yanchao District, Fuan in Meinong District, Yonghua in Yongan District, Galafong in Taoyuan District, Weisin in Yongan District, Dakeng in Dashu District, Maya in Namasia District and Neidong in Neimen District. Working towards the goal of “rural regeneration,” the courses aim at cultivating local manpower, strengthening community participation and consensus, and assisting local residents to take the initiative in leading community development.
- The Longmu Community in Dashu District of Kaohsiung City was awarded bronze medal in the first “Golden Village Competition” organized by the Council of Agriculture.



Group Photo at the Golden Village Award Ceremony)

- Evaluated and counseled 5 leisure agricultural regions in Liouguei’s Jhulin, Neimen, Meinong, Dashu, and Namasia’s

Minsheng; among them Meinong and Dashu leisure agricultural regions scored over 80 points in the evaluation.

- (2) Maintenance and Improvement of Farm Roads:

A budget of NT\$54 million was allocated for the farm road maintenance program in 2018, maintaining public agricultural transportation roads outside the agricultural land consolidation zones in Kaohsiung City. In sum, a total of 74 projects were planned for implementation in 2018, which covered the districts of Cishan, Meinong, Shanlin, Neimen, Liouguei, Tianliao, Yanchao, Dashu, Cieding, Gangshan, Ciaotou, etc.

## 2. Farmer Services

- (1) Fostering young farmers to enhance soft power in agriculture

Encouraged young farmers to return to their hometowns and attend training sessions that shall enhance their abilities to plan and implement the six-tier development plan, as well as to stimulate innovative ideas for agricultural development. Leading farmers were sent overseas on agricultural exchange programs. A quarterly magazine Empower Agriculture was published to introduce agricultural products and the diversified appearances of agriculture as agricultural products are used in food-processing, tourism, leisure and catering industries.



Kaohsiung Farmers League visiting the Venco Camenco headquarters in the Netherlands.



- (2) Providing guidance to farmers' organizations to ensure farmers' rights

Guidance was provided to 27 farmers' associations, 116 agricultural cooperatives, and 412 agricultural production and marketing groups in Kaohsiung City to improve their abilities in general affairs management, promotion, marketing, and organizational reengineering. Assistance was given to farmers' organizations for organizational improvement and transformational operation, strengthening their agricultural competitive advantages so as to fully ensure farmers' rights.

- (3) Emphasizing farmers' welfare to build a sound agricultural insurance system

The 2018 budget for agricultural insurance and welfare allowances for elderly farmers totaled NT\$1,316,315,000; from November 1, 2018, occupational accident subsidy was allocated in coordination with the launch of farmer occupational accident insurance, and a total of NT\$24,532 was subsidized to the insured. Also, the verification of various agricultural and health insurances was conducted in accordance with the "Evaluation Standards and Eligibility Examination Regarding Farmers' application for Farmer Health Insurance" to ensure appropriate usage of farmers' welfare resources in Kaohsiung.

- (4) Developing the agricultural manpower platform to solve the problem of farm labor shortage

Aiming to solve the shortage of farm labor by mobilizing the labor force of students in the colleges near rural villages, the "Real-time Agricultural Manpower Demand Platform" was developed. It uses push notifications via a Line@ account to disseminate relevant information and build a database of human resources for agriculture. So far, about 4,725 students and farmers have joined the platform, addressing the

seasonal, temporary or primary farm laborer shortages by rapidly matching farmers and labor force through mobile phones.

### *3. Guidance on the Marketing of Agricultural Products*

- (1) Provided guidance to farmer organizations on the cooperative marketing of vegetables and fruits; 38,211 tonnes of fruits and 20,984 tonnes of vegetables were supplied during the year.
- (2) Organized the 2018 "Evaluation of Domestically Produced Longan Honey in Kaohsiung," awarding 41 members of the bee-farming production and marketing groups. In addition, 22,464 bottles of award-winning honey were packaged by the Alian District Farmers' Association food factory, which holds two international accreditations, and the "Dagangshan Longan Honey Cultural Festival" was also organized.
- (3) Marketing of agricultural specialty products in the metropolitan area
  - The Kaohsiung Products Store at Lotus Pond adopts an exquisite, professional and brand marketing model to market agricultural and fishery products of the City, taking advantage of the Lotus Pond tourist attraction to build a marketing base for quality agricultural products of the Greater Kaohsiung area.
  - Administered the "Green Corridor through Mountain and Sea" program by organizing monthly events at the Central Park from July to November, which included agricultural specialty stalls, in order to increase farmers' income and the reputation of Kaohsiung's agricultural specialties.
  - Organized the "Warm Winter × Picnic Marketplace" outdoor night cinema event at the Pier-2 Art Center on December 15-16, inviting small farmers and local



cultural and creative industries to set up booths for the public to taste agricultural products, supporting local agriculture in action.



The Warm Winter × Picnic Marketplace Event



Green Corridor through Mountain and Sea Program

(4) Promoting local ingredients and healthy organic agriculture in Kaohsiung

- The “Kaohsiung Local Ingredients Information Website” was launched to provide information about safe food ingredients of the City and explain the meaning of food labels and the inspection procedures, so that consumers can search for high-quality local ingredients in Kaohsiung.
- The concept of a “green-friendly restaurant” was introduced and restaurants in the Greater Kaohsiung area were encouraged to use local ingredients for cooking. Purchasing agreements were signed with organic and safe fruit and vegetable farmers. In 2018, a total of 49 restaurants joined the array of green-

friendly restaurants.

(5) International marketing:

- Provided guidance on the export of a total of 6,122 tonnes of fruits, including 3,034 tonnes of pineapples and 1,628 tonnes of guavas, as the largest orders of fruit exports. Other fruit exports included 962 tonnes of bananas, 182 tonnes of wax apples, 129 tonnes of litchis, 42 tonnes of jujubes, 33 tonnes of Jinhuang Mangos, 58 tonnes of papayas, and 54 tonnes of other fruits; these fruits were primarily exported to China, Japan, Canada, Singapore, and Hong Kong.
  - Provided guidance on the export of a total of 1,900,000 flamingo flowers to Japan, China, and Hong Kong.
  - Participated in “GULFOOD 2018” to market agricultural products of Kaohsiung City; the exhibitors subsequently brokered purchase orders worth NT\$13.5 million.
  - Participated in “FOODEX JAPAN 2018” to market agricultural products of Kaohsiung City; the exhibitors subsequently brokered purchase orders worth NT\$22.5 million.
  - Participated in the first “China Fruit Logistica 2018” to market agricultural products of Kaohsiung City; the exhibitors subsequently brokered purchase orders worth NT\$90 million.
  - Visited Canada to promote agricultural products from June 8 to June 18, including “the Best of Kaohsiung” farm products; local specialty vegetables such as wild lotus and cabbage were also promoted in Canada for the first time.
- (6) Taipei and Kaohsiung food shows
- Participated in “FOOD TAIPEI 2018” to market agricultural products of Kaohsiung City; the exhibitors subsequently brokered purchase orders worth NT\$50 million.
  - Participated in “Kaohsiung Food Show



2018” to market agricultural products of Kaohsiung City; the exhibitors subsequently brokered purchase orders worth NT\$15.45 million.

#### 4. Wholesale Markets

- (1) Provided guidance to wholesale markets of fruits, vegetables and flowers to achieve an annual transaction volume in 2018 of 272,512 tonnes of vegetables and fruits, including 168,449 tonnes of vegetables and 104,063 tonnes of fruits, as well as 9,765,028 bouquets of cut flowers and 990,332 pots of potted flowers.
- (2) Provided guidance to wholesale markets of livestock and poultry to achieve an annual transaction volume in 2018 of 983,859 hogs, 9,842,473 chickens, 2,872,090 ducks, and 33,240 geese. In total 725,044 hogs, 4,421 cattle, and 1,256 goats were butchered.
- (3) Supervised wholesale markets to reinforce the examination of “pesticide residues in fruits and vegetables” and completed 33,204 cases of inspection; non-complying suppliers of fruits and vegetables were continuously monitored.
- (4) Administrated the “rolling warehouse” measure in cooperation with the Agriculture and Food Agency, and counseled the Zihguan Farmers’ Association in the procurement of roughly 75 tonnes of cabbage and 4.5 tonnes of Chinese cabbage, which shall be released depending on the market situation to stabilize prices.
- (5) Promoted the expansion of the Sanmin Fruit and Vegetable Wholesale Market and the consolidation of the Sanmin Meat Wholesale Market to alleviate congestion and improve residents’ living environment; implemented the relocation plan of the Gangshan Fruit and Vegetable Wholesale Market to facilitate the KRT Lujhu extension line construction project. A logistics center for fresh fruits and vegetables was planned to reinforce export.

- (6) Improved the hardware/software and environmental facilities of wholesale markets. In 2018, an electrical equipment renewal project in the Fongshan Fruit and Vegetable Wholesale Market was carried out, while the trading facilities and environment improvement projects in the Fongshan Poultry Wholesale Market, Fongshan Meat Wholesale Market, Cishan Branch of Fongshan Meat Wholesale Market, and Gangshan Meat Wholesale Market were also implemented.



The mayor visiting a wholesale market

#### 5. Agricultural Production

- (1) Revitalizing agricultural lands to enhance land utilization:  
With the promotion of the “Green Environment Payment on Land Area Program,” the fallow land in Kaohsiung under guidance to grow local specialties or change to contract farming in 2018 reached 2,721 hectares. In addition, 62 hectares of flowers were planted in Meinong District, Shanlin District, and Liouguei District during the Chinese New Year holiday, successfully attracting tourists and increasing the revenues of local leisure industries and agricultural product sales.



Seas of Flowers in Winter in Shanlin District

(2) Assisting in organic production and implementing source management:

Follow-ups and spot-checks of certified organic farmers were reinforced, completing field sample test for 67 organic agricultural products, and 25 sample tests for heavy metals in agricultural products in 2018. These field samplings were conducted to ensure the safety of organic agricultural products and to effectively implement source management of agricultural production.

(3) Protecting high-quality farmland resources and establishing Special Agriculture Enterprise Zone:

Counseled the Meinong Farmers' Association to develop a 1,400-hectare grain and vegetable agriculture zone. The Special Agriculture Enterprise Zone can serve as the core headquarters for safe agricultural production, and it can expand business scale, adjust labor structures, and consolidate the value-added benefits of integrating industrial and brand marketing strategies across different domains.

(4) Promoting and marketing local high-quality rice:

Assisted the "Yuan-pin Organic Rice" produced in Daliao District to attend the 2018 Fine Rice Awards competition, which won the third place. A total of 365 hectares was provided as a contracted area for rice production and marketing in Meinong District, in order to increase the income of

farmers in the special zone.

(5) Continuous updates of investigations, reports, and relief aid for natural disasters to reduce farm losses:

- Administered cash assistance for agricultural natural disasters in 2018; during the low temperature period in January, a total of 913 households in Kaohsiung City were approved for the assistance, with a relief area of 276.9047 hectares and a relief fund amounting to NT\$13,845,235.
- Approved 11 households in Zihguan District affected by the 0613 heavy rainfall in 2018, with a relief area of 1 hectare and a relief fund amounting to NT\$24,000.
- Approved 4,718 households in Kaohsiung City affected by the 0823 tropical depression (including later damages), with a relief area of 2,077 hectares and a relief fund amounting to NT\$141,566,536.

(6) Conducting food and agriculture survey to establish complete agricultural production data:

- In 2018, three crops were planted – the intercrop, first crop, and second crop; surveys of agricultural crop planting area were conducted a total of 4,661 times, surveys of crop production 4,459 times.
- The crop production forecast was conducted monthly in 2018, completing forecasts for 406 items including bananas throughout the year.
- Honored with second place in 2018 for the Council of Agriculture's appraisal on "the 2017 Municipality and County/City Agricultural Report."

(7) Integrating Agricultural Land Use Management:

- Review and approval for the establishment of agricultural facilities on agricultural lands: 230 cases in 2018.



- Review and approval for changes in farmland use: 84 cases in 2018.
- Review of eligibility for farmhouse construction on farmlands: 20 cases in 2018.
- Auditing of estate tax exemptions and 5-year gift tax exemptions for maintenance of farmland use: 70 cases in 2018.
- Penalizing the illegal use of farmlands for non-farming purposes: 493 cases in 2018.
- Review and approval of land use certificates for farmlands: 4,327 cases in 2018.

## 6. Livestock Management

- (1) Registration and management of livestock farms  
1,203 livestock farms and stock breeding farms were assisted in completing their registrations.
- (2) Guidance and management of livestock and poultry slaughterhouses
  - Inspected a total of 107 places suspected of illegal slaughtering. The City jointly reported 2 illegal poultry slaughterhouses with the Bureau of Animal and Plant Health Inspection and Quarantine of the Council of Agriculture.
  - Promoted legal slaughtering of livestock and poultry and the understanding of the mark signifying meats that meet the hygiene standard.
- (3) Conducting livestock production and guidance
  - Assisted animal farms in Kaohsiung in obtaining the TAP certificates for poultry or livestock, promoting the quality and image of animal husbandry in Kaohsiung.
  - Assisted various farmers' associations in applying for pig co-operative marketing and livestock insurance, of which the outstanding outcomes have helped the

associations to be ranked first in the Group A of livestock insurance operation of the municipal and city/county governments.

- Assisted dairy farmers and deer-raisers in improving productivity. The city has been awarded the New Tons Award in the Prolific Ten Tons Cow Award & Elite Cow Award.
- (4) Pollution prevention in livestock farms  
Subsidized 63 livestock farms for purchasing or renewing pollution prevention equipment, and guided 82 livestock farms to reduce odor and improve wastewater processing facilities.
  - (5) Promotion of and guidance for livestock products
    - Guidance was provided to establish the traceability system and branding of special livestock and poultry products of Kaohsiung City. Assistance was given to match products with distribution channels, or set up direct-sale stores and join farmers' marketplace, to provide consumers channels to select safe, local livestock and poultry products. In addition, assistance was provided in image and literature design.
    - Assisted in promoting "The Best of Kaohsiung" and various high-quality livestock and poultry products; organized 10 sessions of promotion and integrated marketing activities for "The Best of Kaohsiung" livestock products and food as well as agriculture experience activities in a "learning in entertainment" manner. Also, assisted the City's animal husbandry groups in organizing 33 sessions of high-quality livestock and poultry products promotion events and DIY activities in conjunction with related activities.



Kaohsiung Good Livestock Industry Experience, Promotion and Marketing Event

### 7. Control of Plant Diseases and Ecological Conservation

- (1) Establishment of a crop disease control network
  - Implemented rice pest control, integrative pest disease control and monitoring measures, and the joint prevention of *Bactrocera dorsalis* (oriental fruit flies).
  - B. Commissioned Miaoli District Agricultural Research and Extension Station to raise and release 440,000 bug egg parasitoid wasps, the natural enemy of Litchi stink bugs.
  - C. Administered a technical service team for high-risk crops, strengthening the farmers' skills in using pesticides and helping plant doctor interns to enhance their diagnostic skills.
- (2) Promotion of healthy and safe agriculture
  - Assisted production and marketing teams in obtaining GAP certification, TAP certification and Taiwan Agricultural Products Production Traceability Barcodes.
  - Assisted Alian District Farmers' Association, Yanchao Cinglong Vegetables and Fruits Marketing Cooperative, Jiajhou Vegetables and Fruits Marketing Cooperative and Hefong Agricultural Products Marketing Cooperative in obtaining Global G.A.P. accreditation.
- (3) Ecological maintenance and management
  - Sustainable utilization and promotion of biodiversity
    - A. Subsidized the running of a series of activities for the purple butterfly season in Maolin.
    - B. Organized campus promotion for grass owl conservation; surveyed Black-faced Spoonbills at Cieding Wetland and Yongan Wetland, and migrating raptors at Fongshan Hills.
    - C. Investigated and removed exotic frog species and Green Iguanas.
  - Implementation of the Satoyama Initiative
    - Conducted an ecological basic survey in Meinong District, guiding farmers in ecological observation and environmental construction to obtain the Green Conservation label.
  - Conservation of wetlands of national importance and maintenance and management of natural reserves
    - A. Implementation of basic survey and management of the Nanzihshian River Wildlife Refuge and wetlands of national importance.
- Clamped down on illegal pesticides and inspected 75 pesticides on the market.
- Conducted sample tests for pesticide residues on 1,765 farm products and 514 school lunch food ingredients and organized 50 sessions promoting the safe use of pesticides.
- Six bureaus of the Kaohsiung City Government in charge of Agriculture, Health, Economic Development, Environmental Protection, Education and Marine jointly participated in the "2017 Encouragement Plan for Implementing Promotion of the Five-Point Food Safety Reform in Local Governments" and won second place in Group A in the Performance Award Program.



- B. Management and resource survey of the Wushanding Mud Volcano Landscape Nature Reserve.
- C. Monitoring the ecological environment of the Jhuokou River and the Butangbunasu Stream; patrolling and protection of the Jhuokou River in Maolin District.
- Promotion of the Kaohsiung Mudstone Badland Geopark
  - Organized summer camps, one-day Ecolife tours and trail maintenance work-holidays; tour guide training and holiday guides were provided 338 times.



Kaohsiung Mudstone Badland Geopark Event

- Conservation of protected wildlife
  - A. Conducted raids, rescues, management, and feeding inspections.
  - B. Penalized feeding of Formosan rock macaques in 3 cases; assisted with the installation of electric fences in 6 cases.
- (4) Protection of special memorial trees, Shenshuei tree nursery, and tree planting activities
  - A. Listed 546 special memorial trees in Kaohsiung City to be put under supervision.
  - B. Managed the Shenshuei Tree Nursery and distributed 56,291 tree seedlings.
  - C. Organized Arbor Day events including lectures, educational tours, and tree seedling distribution.

- (5) Catching bees and trapping snakes
  - Trial bee-catching and snake-trapping actions were held in Renwu and Niaosong Districts; from May to December, 35 volunteer firemen assisted in 131 bee-catching and 182 snake-trapping actions.
- (6) Prevention and control of Forcipomyia taiwana (little black midges)
  - Conducted training of seed personnel for the prevention and control of Forcipomyia taiwana (little black midges).

## 8. Animal Protections and Animal Disease Control

- (1) Animal protection
  - The Kaohsiung City Animal Protection Office has become the first public agency to receive the “Government Service Award” from the National Development Council for its “Building Animal-Friendly Zone - An Ideal Life for Stray Animals” project.
  - Capture and adoption of stray dogs and cats
    - A. Received and handled a total of 7,722 related application cases, including 2,711 captures and 456 abandoned and picked up dogs and cats. Public animal shelters accommodated 4,085 dogs and cats, of which 3,394 were adopted. The adoption rate was 83.08%.
    - B. The Yanchao Animal Shelter, the first animal shelter in Taiwan to prioritize humane animal rescue, started operations in 2016, significantly improving animal welfare and adoption rates. To provide more diverse services, the shelter is applying for accreditation as an environmental education venue.
  - Promotion of dog and cat sterilization and related education campaign
    - A. Sterilized dogs and cats in public animal shelters, arranged tours of free sterilization service, and actively





promoted dog and cat sterilization by providing subsidies to individuals and animal protection groups. In total, 10,050 dogs and cats were sterilized.

- B. Hosted or co-hosted 287 educational events, which were attended by 44,239 people.
- C. Coordinated across departments to promote campus dog and firehouse dog programs, campaigning with private organizations for adoption.



Volunteers with dogs at the Yanchao Animal Shelter

- Animal protection inspections
    - Accepted 1,392 reported cases from the public; issued 24 administrative injunctions to cases related to dog abandonments, placement of animal traps, and pet registration.
  - Pet registration and management of pet businesses
    - A. A total of 32,918 pets were newly registered.
    - B. Accepted 73 license applications from specific pet-related businesses. A total of 233 licensed businesses are operating in Kaohsiung City. Inspection of pet businesses was conducted 3,260 times.
- (2) Control of animal diseases
- Examination, identification, treatment, and disease control counseling for animal diseases
    - Conducted examination and made

diagnosis of 4,461 aquaculture and livestock samples.

- Disease control in even-toed ungulates
  - Provided guidance on foot-and-mouth disease vaccination on 225,000 animals in the first half of 2018. Vaccination ended in Taiwan in the second half of the year to apply for recovery of pest free area (PFA) status of foot-and-mouth disease. Since August 2018, vigorous operations were undertaken to block African swine fever from the border.
- Eliminated tuberculosis and brucellosis which is communicable between humans and animals
  - A total of 10,809 heads of cattle, sheep, and deer were tested for tuberculosis, and 2,467 heads of cattle and sheep were tested for brucellosis. All results were negative.
- Established an alert mechanism for animal diseases and conducted 9,772 cases of sampling and serum antibody tests for swine fever, foot-and-mouth disease, and avian influenza.



African Swine Fever Control Drill in Kaohsiung City

- Prevention and control of rabies:
  - Continued the vaccination tour around districts with confirmed ferret-badger rabies cases to establish a rabies prevention defense line covering mountainous areas and coastlines, reinforcing monitoring and prevention campaign. In 2018, 93,847 dogs and cats were vaccinated, 413 imported dogs and



cats were tracked and quarantined, and 234 rabies prevention campaign events were held.

- Examined the labels, instruction sheets, and quality of commercially available animal medicines to ensure the safety of animal medicines and protect the rights of legitimately running businesses; organized 19 educational events and conducted 7 factory inspections for GMP compliance.
- Monitored drug residues in raw animal products and provided guidance for improvement. A total of 277 samples were inspected and 16 administrative injunctions were issued.

## *Maritime Development*

### *1. Fishery Construction and Renovation*

Implementing renovation of fishing ports and landscape re-design in Kaohsiung city enables Kaohsiung City to embrace 16 fishing ports in Cianjhen Fishing Port. Marine Bureau continues to implement the construction and maintenance of fishing port facilities, the harbor dredging works, beautifying projects of landscaping and greening construction, which amounts to 36 projects in 2018. The total expenditure of these projects is NTD 1,848.54 million, of which NTD 1,264.35 million comes from central government's commissioned grant, while the rest of NTD584.19 million is from the city government fundraising. These projects are summarized as follows:

- (1) Construction Works of Gangshan Fish Market
- (2) Construction Works of Eh-Tsu-Liau Tourist Seafood Market
- (3) Extension Works of Jhongyun Fishing Port East Breakwater (Phase II)
- (4) Expansion Works of LNG Seawater Pipeline (Shiban Road)
- (5) Restoration Works of North Dock Surface in Baishalun Fishing Port
- (6) Dredging Works of Jhongyun Fishing Port
- (7) Replacement Works of Chienchen Fishing Port Fender
- (8) Post Disaster Reconstruction Works of Western Seawall in South Star Land Development Project
- (9) Common Water Supply Pipeline Installation Works of Yonghua Fish Farming Production Area in Kaohsiung City
- (10) Improvement Works of Xingang Coastal Levee Flood Prevention Road in Yongan District, Kaohsiung City (Phase II)
- (11) Coastal Environment Improvement Works of Mituo Fishing Port
- (12) Water Environment Improvement Project of Singda Fishing Harbor - Construction Works of Waterfront Environment and Promenade Facilities in Singda Harbor (Phase I)
- (13) Environmental Improvement Works Design and Supervision of Jhongyun Rectification Site and Port Area
- (14) Improvement Works of Fish Farm Ditch and Levee Road in Yongan Fish Farming Production Area
- (15) Facility Improvement Works of Jhongyun Fishing Port
- (16) Impact Evaluation of Adjacent Coastal Terrain for East Breakwater Extension in Jhongyun Fishing Port (Phase II)
- (17) Improvement Works of Sheltered Mooring Dock in Jhongyun Fishing Port
- (18) 2018 Dredging Works of Fish Farming Production Area Drainage in Kaohsiung City
- (19) Dredging Works of Mituo Fishing Port
- (20) Construction Works of Old Dock Area, Coastal Light Gallery and Promenade Facilities in Mituo Fishing Port
- (21) Environmental Improvement Works of Jhongyun Rectification Site and Port Area
- (22) Extension and Landscape Reconstruction



- Works of South Breakwater in Eh-Tsu-Liau Fishing Port
- (23) Landscape Reconstruction Works of Eh-Tsu-Liau Fishing Port
  - (24) Construction Works of Waterfront Environment and Promenade Facilities in Singda Fishing Harbor (Phase II)
  - (25) Drainage and Landscape Construction of Chungjon Fishing Port
  - (26) Landscape Reconstruction Plan of Xiaogang Linha Village Fishing Port
  - (27) Drainage Works of Harbor Basin of Singda Fishing Harbor in Kaohsiung City
  - (28) 2018 Facility Improvement Works of Linyuan Fish Market
  - (29) Health and Safety Improvement Works of Chienchen Fishing Port for Export Sales of EU Unloading Fish Farm
  - (30) Announcement for Construction Works of Access Road in Culture Zone
  - (31) Renovation Works of Chienchen Sewage Treatment Plant
  - (32) Renovation Works of Chichin Museum of Marine Exploration
  - (33) Improvement Works of the Awning Shed at the Da San Ton Dock of Chichin Fishing Port
  - (34) Renovation Works of Public Toilet Light Gallery in Mituo Marine Park
  - (35) Waterproof Improvement Project for roof and window frame exterior wall of Fish Market Building in Linyuan District
  - (36) Dredging Project of Eh-Tsu-Liau Fishing Port

## *2. Marine environmental protection and promotion of marine education*

- (1) Organizing professional training programs for marine pollution prevention to recruit and train hundreds of trainees from the industrial, governmental and academic sectors in all cities and countries.
- (2) Establishing the Kaohsiung City Joint Protection and Prevention System for Marine Pollution Prevention to reinforce mutual communications among agencies in charge of marine pollution prevention; agencies concerned would be responsible for auditing marine pollution in their own jurisdictions and combining resources from the private sectors to improve the effects of marine pollution prevention
- (3) Publishing the journal of Marine Kaohsiung
- (4) Carrying out marine environment monitoring, sampling and inspection programs at 36 monitoring spots over four quarters years; carrying out inspections regarding marine hydrology, sea water quality, bottom materials and marine ecology, respectively, on a quarterly basis.
- (5) Counselling non-governmental organizations to cast the young fish fries such as yellow-finned sea bream, silver sea bream, mullet, snubnose pompano, silver-striped snapper, barramundi perch and black sea bream, *lutjanus rivulatus*, mullet, etc, which amounts to more than 2.30 million pieces.
- (6) Organizing one drill of marine pollution response and one training session for inspection of marine pollution by collaborating with Marine Pollution Prevention Team of Kaohsiung City; organizing two coastal clean-up activities with public participation.
- (7) Organizing 30 sessions of marine environmental education on campus to help school-age children in the city to understand the importance of marine ecology and resource conservation.
- (8) Organizing one drill to simulate the operation and mobilization of the Kaohsiung City Tsunami Response Center.
- (9) Taking charge of city's management works to solidify and strengthen coastal management policy and implement costal management of



Kaohsiung City.

- (10) Implementing 17 ocean cleanup activities and 23 maritime environment education activities.

### *3.Promoting value-added fisheries and boosting its marketing sales*

- (1) Handling the assessments of Fishery Production and Marketing Groups

There were 33 Production and Marketing Groups in Kaohsiung City, and the assessments were carried out in accordance with “Agricultural Production and Marketing Group Establishment and Counseling Methods”. Marine Bureau and Fisheries Research Institute, COA conducted the assessments of 22 Production and Marketing Groups from May 28<sup>th</sup> to 30<sup>th</sup>, 2018. Each assessment was based on the standard procedure.

- (2) Handling “Monitoring Plan of the Origin of Unlaunched Marine Products”

- In order to ensure the quality of marine products and enhance the competitiveness of marine products, Marine Bureau cooperated with the central government to carry out monitoring on the origin of unlaunched marine products in Kaohsiung City. The inspection items included drug residues, heavy metals and pesticides.

- In 2018, the number of product sampling tests was 350, and the total number of the sampling was 353. The sampled marine products were sent to a certain unit designated by Fisheries Agency, Council of Agriculture for inspection.

- (3) Handling “Enhancement of Production and Marketing Traceability and Verification of Marine Product Counseling Management”

- Giving guidance to the aquaculturists in Kaohsiung City to cultivate marine products in fish farming industry. Being assisted to obtain Production and

Marketing Traceability promoted by Council of Agriculture, Executive Yuan, the number of aquaculturists had increased 11.

- Counseling the aquaculturists with processing goods in Kaohsiung City to register in the system of Traceability codes promoted by Council of Agriculture, Executive Yuan for marine products in fish farming industry. The number of aquaculturists had increased 78.

- Completing Marine Product Certification Marks at the site of the target aquaculturists for tracking and auditing, including 7 aquaculturists working on food processing, 17 aquaculturists for product sampling inspection, 9 processing products and 28 aquaculture products.

- In 2018, Marine Bureau and Taiwan Aquaculture Fisheries Development Foundation inspected excellent marine products and organic marine products (algae) sold in Kaohsiung City’s markets.

- In 2018, Marine Bureau conducted quality inspection of organic marine products and organic processing marine products. The number of excellent marine product inspection in Taiwan was 16 and the number of Production and Marketing Traceability was 12, and the number of organic marine products (algae) was 2.

- (4) Dealing with “Enhancement of Traceable Marine Product Safety Management and Promotion Plan”

In 2018, Marine Bureau and Taiwan Aquaculture Fisheries Development Foundation came to local markets and stores to conduct production traceability inspection. A total of 8 fishery products was sampled and sent to National Animal Industry Foundation for inspection. The inspection results were still not in compliance with the regulations.

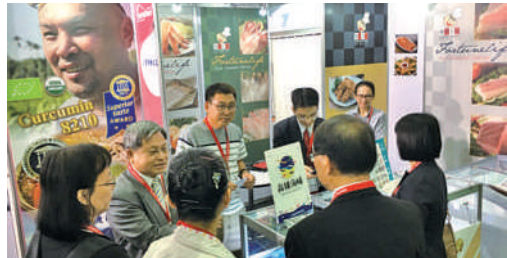
- (5) Handling "Aquaculture Management



#### Workshop

- The seminar included topics such as aquaculture fishery management, aquaculture fish disaster prevention measures, aquaculture water purification treatment and marketing channels, etc. to invite government officers, experts, scholars and specialists in relevant fields to provide counseling and consultations to fish farmers. On June 25th and 27th, 2018, the workshop was held in Fishermen's Association in Yongan District and Meinong District Office. About 150 Aquaculturists participated in the two sessions, learning multiple dimensions of Aquaculture technology, disaster prevention, diversified marketing business and management.
- (6) Handling "Aquafeed Sampling Inspection Plan"
- In 2018, in accordance with the central government's regulations, "Aquafeed Sampling Inspection Plan" and "Good Aquaculture Feed Manufacturing Practice", Marine Bureau conducted sampling inspection on imported and domestic fish as well as shrimp feeds.
  - In 2018, the number of the sampling inspection was 91, and the total number of the sampling was 91. The inspection items include 39 cases of general ingredients, 39 cases of drug residues, 1 case of melamine, 3 cases of lean meat, 1 case of pesticide, 3 cases of heavy metals, 3 cases of hormones and 2 cases of dioxin polychlorinated biphenyl.
- (7) Developing "Kaohsiung Seafood Tastes" of fishery products and expanding the marketing networks
- Organizing the "Kaohsiung Seafood Tastes Area" and participating in International Food Show.
    - Participating in the 107th Tokyo Food

Show in Japan (March), Boston Seafood Show (March), Belgian Global Seafood Show (April), Thailand International Food Show (May), Taipei Food Show (June), Kaohsiung Food Show (October) and other related marine product promotion conferences will help the promotion and marketing of bulk fish products in Kaohsiung City.



Thailand International Food Show

- Developing domestic convenience stores, department stores and MTD (Metropolitan Living Development).
  - FamilyMart and MTD (Metropolitan Living Development) are selling Kaohsiung City's high-quality marine products. Among those stores, MLD (Metropolitan Living Development) is a new-style lifestyle shopping mall in Kaohsiung City, which incorporates the concepts of environmental protection and food safety into its management. Marine products are widely promoted through professional lecturers' speeches, live fish selling, cooking dishes in the restaurant and shown on the signs at the store. Live fish are displayed in the fish preserves. The restaurants use groupers as the main ingredients of the main dishes and even as the main topic for the introduction of professional lecturers' speeches, which is an initially creative exhibition event for full-scale sales.
- Developing multiple varieties of Kaohsiung seafood products



Marine Bureau and Jinshin Food Company cooperated to develop Kaohsiung's seafood cuisines, "Abalone and Squid Rice Dumpling." The class leader of the 8th Yongan Grouper Production and Marketing Group is named Su Class Leader, which created his own brand "Su Class Leader Safe Grouper," marketing frozen processing groupers, and developing frozen conditioning groupers as well as fish fillets of *Epinephelus Fuscoguttatus* with grill, miso and salt baking, which is widely popular with consumers.

(8) Counseling all district offices in Kaohsiung City to handle relevant marine cultural festivals

- In order to promote Kaohsiung's seafood and develop the features of each district, Marine Bureau continued to assist Freshmen's Associations in Singda Harbor, Yongan, Mitou, Ziguan, Kaohsiung and other districts to hold marine cultural festivals in 2018.
- In 2018, in order to integrate marketing, Marine Bureau invited Civil Affairs Bureau, District Offices and Fishery Associations to discuss the cooperative matters to hold relevant marine cultural festivals. Yongan, Mitou and Qieding Districts cooperated with local Fishermen's Associations to handle festival activities and effectively integrate local resources for co-marketing the local industries.

(9) Counseling the enterprise management of Production and Marketing Groups and winning the honor award of Excellent Fishery Production and Marketing Group

- In order to strengthen the counseling of organization, informationization and institutionalization of Fishery Production and Marketing Groups, to effectively improve the productivity

and competitiveness of fisheries and to demonstrate the effectiveness of pioneering demonstrations, Marine Bureau actively assisted the Production and Marketing Groups under its jurisdiction to participate in the annual selection of "Excellent Fishery Production and Marketing Group" held by Council of Agriculture, Executive Yuan.

- "2018 Excellent Fishery Production and Marketing Group" was selected. Among the 281 Fishery Production and Marketing Groups in the country, the 9th and 10th of Aquaculture Production and Marketing Groups in Yongan District stood out and were selected as the top 4 in the country with outstanding results.



The 9th of Aquaculture Production and Marketing Groups in Yongan District



The 10th of Aquaculture Production and Marketing Groups in Yongan District

(10) Dealing with annual assessments of Freshmen's Associations

Article 2 stipulates that "the competent authority shall invite the relevant authorities and the higher-level fishermen's Associations to conduct annual assessments



of the fishery meetings, businesses and finance reports before June 30th of each year, and evaluate the results." Marine Bureau and Finance Bureau complied with the regulations and conducted the assessments of 7 Fishermen's Associations under the jurisdiction from May 7th to 10th, 2018. The results were 83 to 93 points (Grade B for 5 Fishermen's Associations; Grade A for 2 Fishermen's Associations).

(11) Handling the Relocation of Gangshan Fish Market

- In order to solve problems of insufficient space of Gangshan Fish Market and improve traffic congestion, environmental sanitation and noises in the vicinity of Jiasin West Road in Gangshan District. Marine Bureau promoted the relocation of Gangshan Fish Market and used 2110-8 Tuozi Alley, Gangshan District as the relocation site.
- The relocation works of Gangshan Fish Market were divided into two parts, "Land Expropriation" and "Building Construction". Land Expropriation had been completed in 2016. Building Construction is expected to be completed by the end of August, 2019. In the end of December, 2019, the relocation of the Gangshan Fish Market is scheduled to be completed.

(12) Counseling the Fishermen's Associations to hold festival

In 2018, under the jurisdiction, 7 fishermen's Associations (Singda Port, Yongan, Mituo, Zihguan, Kaohsiung, Xiaogang, Linyuan) held the fishermen's festival celebrations throughout July to recognize the contributions and achievements of the outstanding fishermen's models, civil servant, employees and underwriting personnel in the year. (14) Holding reelection for 7 fishermen's associations in

the Kaohsiung city in 2017

#### 4. Marine industry and waterfront tourism

(1) Promoting the establishment of the cruise home port

- In 2018, there were 27 cruises (54 vessels) to Kaohsiung, which brought in about 52,000 cruise-passenger visits.
- Improving the service quality of the customs clearance procedure for the passengers of the cruise ship.

Marine Bureau collaborated with Wenzao Ursuline University of Languages to conduct "2018 cruise passengers service plan of Kaohsiung Harbor" and held the courses of volunteer training with 2 batches by sending the volunteers equipped with foreign language expertise to Pier 9 to serve and help international cruise passengers to do shore excursions. In Addition, we created an interdepartmental group on Line (Apps) and worked with the Taiwan Ports Corporation, the Transport Bureau and Kaohsiung Bank to deal with the issues and services such as taxi service, increase of ATMs, maintenance of currency exchange machines, iPASS card and shuttle bus service for cruise passengers.

- Marketing and promoting Kaohsiung's cruise liner and logistics economy

Marine Bureau intensively applied for funding from the OAC (Ocean Affairs Council) to handle the project, "The Promotion of Kaohsiung Cruise Industry Development", to provide guidance and cooperative opportunities to local trustworthy vendors for supplying goods to International cruise liners.

(2) Promote the blue highway

- Providing more opportunities for the public to experience marine leisure



activities, Marine Bureau launched the Blue Highway ferry route. The Blue Highway had a total of 89 scheduled ferry transports and attracted 5,430 passengers in 2018.

(3) Developing the yacht industry and promoting the City's recreational yachting activities

- Facing the increasingly frequent demand for yacht berths, the Marine Bureau has requested the Port of Kaohsiung, Taiwan International Ports Corporation considers building a yacht marina at the Pier 3 Boat Basin in Port of Kaohsiung, aiming to promote the development of the yachts in this municipality and create the economic benefits in the port area. At present, Taiwan International Ports Corporation plans to build a marina area in the waters of Love River (Pier 13-15). The target water area is about 3.45 hectares, and the land area is about 0.817 hectares. Taiwan International Ports Corporation also invests in building a 135-meter-long wave fence. The embankment will enhance the stability of the water area and be used for parking all kinds of yachts. The overall berth configuration will be designed by the investment companies and expected to provide at least 100 yacht berths.
- The 2018 Taiwan International Boat Show (the third time) exhibited on March 15th to 18th, 2018 was a success. The show featured luxurious yachts, and accessories from associated industries, including metal parts, luxuries and professional services. There is a total of 170 firms, with 1,000 exhibition booths, including domestic yacht manufacturers, displaying 65 yachts. Statistics revealed that, during the 2018 Taiwan International Boat Show, 35 boats sold in total, with 726 of foreign purchases, 20,000 domestic attendees. The yacht test ride event was held for the first time. A total

of 13 yachts sailing for 96 voyages and the number of passengers reached 1,288. TIPC (Taiwan International Ports Corporation) supported the free VIP boat ride event, sailing 7 voyages. The number of passengers experiencing the test ride reached more than 600 people. Moreover, TIPC cooperates with Brogent i-Ride Experience Center for giving citizens the opportunities to experience its latest somatosensory technology, which contributes to this highly prestige event with the most experiences than ever before. The next "2020 Taiwan International Boat Show" is expected to be held from March 12th to 15th, 2020. Continuously promoting this boat show will effectively market the yacht industry in Taiwan, and push forward all the related industries and tourism.

- Kaohsiung Marine Bureau facilitated the business partnership of Horizon Yacht Development Company Ltd, with Port of Kaohsiung. By renting and transforming the harbor water at Pier Number 22 into Horizon City Marina with 30 yacht berths, Horizon Yacht Development Company establishes the Argo Yacht Club. Being Taiwan's only professional yacht club in Kaohsiung, Argo Yacht Club seeks to promote yachting recreational business. To expand the yacht marinas in Kaohsiung, Marine Bureau also coordinated with the Taiwan International Ports Corporation to release the south waters of the water-filling Pier Number 22 to the investors to build yacht marinas. At present, Kha Shing Enterprise Co. Ltd. & Monte Fino Yachts has rented this place and is capable of providing 25 yacht berths.

### *5. Fishing boat and crew counselling*

- (1) Joining events held by international fishing





organizations to facilitate information exchanges and cooperation, and to safeguard the fishing rights of fishermen.

- (2) Coordinating with the central government to promote responsible fisheries in an attempt to prevent fishing boat detention and thereby strengthen the safety of fishing activities.
- (3) 487 Fuel Allocation Handbooks for Fishing Boats were issued.
- (4) 1358 fishery licenses were issued.
- (5) Easing the burden of fishermen, half of the regular maintenance costs for 392 fishing vessels was subsidized, amounting to 221,800 NTD.
- (6) Conforming to the policy of lower oil prices for powered fishing vessels, fishing vessels smaller than 100GT or fishing rafts longer than 12 meters were assisted in being equipped with the Voyage Data Recorder (VDR), which can record the working hours of fishing vessels, thereby helping safeguard the rights for oil prices.
- (7) Handling the insurance subsidy of Kaohsiung City's Powered Fishing Vessels

In accordance with the "Provisional Regulations for the Insurance Subsidy of Kaohsiung City's Powered Fishing Vessels", those smaller than 100GT and registered as the City's fishing vessels were insured. A total of 138 vessel-times were insured in 2018, with an insurance premium subsidy of 3,804,730 NTD.

- (8) To Grant fishing accident relief  
The fishing accident relief and subsidies were provided in accordance with "Kaohsiung City Local Ordinance of Fishing Accidents Relief". In 2018, a total of 8 deaths, 1 sunken fishing vessels and 2 totally destroyed fishing vessel were eligible for the ordinance, with a subsidy of 5.05 million NTD altogether.
- (9) Assisting Fishermen's Associations in granting welfare allowance for elderly farmers

In accordance with the "Provisional Act Governing the Welfare Allowance for Elderly Farmers", fishermen's associations were assisted in granting the welfare allowance. A total of NTD 238,086,000 was granted in 2018.

- (10) Assisting the Fisheries Agency to conduct "The Enhancement Project of Fishery Information & Statistics System"  
The Marine Bureau assisted the Fisheries Agency to conduct the 2018 fishery statistics investigation and the compilation of relevant data on the Taiwan Region of Kaohsiung City for the Fisheries Statistical Yearbook Taiwan.
- (11) A total of 237 distant-water fishing vessels applied for the permission of mainland Chinese crews to enter and exit Taiwan's fishing zones; 661 people were permitted.
- (12) A total of 1,569 distant-water fishing vessels applied for approval of employing international crews; 8,728 people of international crews were employed.

## *Market Planning and Street Vendor Management*

### *1. Market guidance and management*

- (1) Improve the hardware facilities of the public and private retail markets
  - Public retail market renovation plan (with a timetable by district and by year)  
In 2018, repair works were carried out in 17 markets, namely Guomin, Cianjin, Guyi, Cisian Building, Jhonghua, Hunei, Sanmin First, Sanmin Second, Sinsing First, Lingya, Cijin, Cihou, Jhongsing, Fongshan First, Wumiao, Haluo, and Gangshan Pingan markets, expecting to improve the public retail market's overall image and hence market operations by creating a



clean, bright and comfortable shopping environment.

- Subsidy for the improvement of public facilities in private retail markets

In 2018, repair works were completed in 4 markets, namely Jiansing, Jiangong, Sanhe and Boai markets, expecting to upgrade the private retail market's competitiveness by fixing infrastructure and creating a clean and pleasant shopping environment.

(2) Improve the hygiene and order in the market

In 2018, the Kaohsiung city government conducted sanitation supervision 13,542 times and disinfection 65 times and urged all market neighborhood councils and management committees to strengthen clearance of breeding sources for dengue-vector mosquitos and perform ditch cleaning and disinfection to maintain market sanitation.

(3) 2018 Star-Graded Outstanding Markets and Lohas Vendors

- Outstanding markets: 16 markets were awarded.

In 2018, the outstanding markets in the City were awarded 25 stars in total in the MOEA's nation-wide excellent markets and vendors accreditation program. Gangshan Second (Wunsian) Public Retail Market was awarded 3 stars; Liouhe Second Road Vendor Gathering Site, Guomin Public Retail Market, Lingya Public Retail Market, Guanghua Second Road Vendor Gathering Site, Jhongsiao Second Road Vendor Gathering Site, Kaisyuan Youth Night Market, and Sanmin Street Vendor Gathering Site were awarded 2 stars; Sinsing Second Public Retail Market, Kezihliao Vendor Gathering Site, Jhonghua Public Retail Market, Dafa Public Retail Market, Jioucyutang Public Retail Market, Ciaotou First Public Retail

Market, Alian First Public Retail Market, and Zihguan First Public Retail Market were awarded 1 star.

- Brand market: Singda Harbor Fish Market and Vendors Gathering Site
- Lohas Vendors: 136 vendors were awarded.

Zheng Yu Herbal Medicine, Hekai Foods, Weikai Milkfish Maw, Ping's Fresh Sea Fish, Genesis Organic Farm, G-Ping Meat Floss, Donggang Shangcing Fish Soup, (Zong's) Herbal Stewed Pork Ribs, Guanghua Yanshuei Noodle, Guobingguojiang Spicy Stinky Tofu, Jhengbang Fruit and Vegetable Store, Meiyu Herbal Drinks, Ciaoli Studio, Linlaoer Traditional Snack, eDouzan Boneless Chicken Feet, Chengyi Sausage Pack, Chen's Butcher Shop, Traditional (Ace) Tofu Pudding, Peikang Three Greens, Dongchang Food and Drink, Hong's Steamed Dumpling, Jiangshan Penghu Seafood, Baishan Vegetarian, CA Mulun Clothing, Lingya Dumpling King, Arts Vendor, Liouhe Lin's Lemon Aiyu Jelly, Liouhe Beef Nugget, Fang's Dumplings, Century-old Danzai Noodles with Grilled Seafood, Lyu Family's Pig Heart, Shih Family's Spanish Mackerel Soup, Kaohsiung Dongshan Duck Head, Sister Eel, Lin Family's Dumpling, Guojhong Free Range Chicken, Cingchang Meat Shop, Old Zhou's Iced Drinks, Linjheng Herbal Tea, Ajhih Tea Stand, Addictive Chicken, Bulaowu Steak House, Sihchuan Spicy Snack, You's Stinky Tofu, Chuyuan Foods, Shangfong Soymilk Chicken, Asheng Budget BBQ and Fried Seafood, B-51 Ahua Fresh Fruits, Old Guanghua Pig Heart Noodle, Gangshan Mutton, Lin Family's Danzai Noodle, Amu Oden, Brother Huei's Eel Noodle, and Little Boy Steaks.



(4) 2018 market land revitalization and merchant recruitment:

- 38 Cases of Market Land Rentals in Wanshih: In order to maximize the utilization of the land under the management of the Economic Development Bureau, Kaohsiung City Government and to meet the demand for parking on the periphery, the land was leased to private companies to be used as parking lot from July 25, 2014 to July 24, 2022, and the income from the lease reached NT\$46,034,280. It is expected to satisfy the needs for parking and to promote overall public interest.
- The land at No. 56 of Sanjia Section of Fongshan was leased to a private business on October 15, 2015, for a term of 9 years and 10 months, at a rent of NT\$1,559,792.

evaluation of establishment of vendors gathering sites, in order to secure public welfare and vendors' source of income.

- (2) The 2018 vendors gathering site evaluation subsidy program was conducted for the repair works of 4 vendors gathering sites in the City, namely Yancheng Fourth (Yancheng Street), Nanhua Road, Liouhe 2nd Road, and Sanmin Street, in order to provide a safer and more comfortable shopping environment for consumers.

## *2. Vendor management and planning*

- (1) Assist in application for the establishment of temporary vendors gathering sites. Relevant authorities were invited to establish a taskforce and assessment unit for deliberate

# **VI ▾ Urban Development**

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## *General planning affairs*

### *1. Promoting State owned Public Land Development in the Kaohsiung Multifunctional Commerce and Trade Park*

The completion of five major construction projects has successfully created a harbor city brand of the Kaohsiung Multifunctional Commerce and Trade Park. State-owned landowners in the

region have also successfully created the Asia New Bay Area Alliance and continued to promote land development cooperatively. At present, it is expected that the Taiwan Power Corp DCTD3 will begin drawing outside investments in the first half of 2019. In the Old Harbor Area, Kaohsiung Port Warehouse No.2 completed its reconstruction and began operation in March 2018, and Kaohsiung Harbor Land Development Corporation will begin drawing investments for Piers 2-10, 16-18, and 21 in 2019.



## *2. Initiating the Relocation Project for Arsenal 205*

To carry out the project approved by the Executive Yuan in 2015, Arsenal205 implements the principles of “build first and then demolition” and “outsourced demolition and building,” and expects to complete the relocation by 2023. The central government approved the project for zone expropriation, soil and water conservation plan, and the construction design for the new military factory site in Dashuin 2018. The Bureau continues to coordinate the project handling, zone expropriation work, and other matters through platforms of the city government and the Ministry of National Defense.

## *3. Revitalization of Jinma Hotel in Gushan*

The Jinma Hotel building has been idle for many years since the Railway Reconstruction Bureau of the Ministry of Transportation and Communication moved out. To revitalize and reuse the idle lots in Guyan Old Town, the Bureau completed the investment drawing procedures when it signed contracts with the vendor on January 25, 2017, and started operation of the site on December 1, 2018. The hotel was transformed into a museum of contemporary art and known as ALIEN Art Centre, and became a new landmark in Kaohsiung that integrates historical elements and artistic atmosphere.

## *Regional development and review affairs*

### *1. The Review Operations of the Kaohsiung Urban Planning Commission*

The Kaohsiung Urban Planning Commission held 20 meetings (5 general meetings and 15 task force meetings) in 2018. It completed discussions on a total of 13 cases concerning industrial

development, social welfare, reconstruction of unsafe and old buildings, and local development. Key cases include:

1. To promote industrial development and attract investor development, the Commission reviewed and approved transformation cases of the industrial park at old Cisian Junior High School, the parking land at the north side of the Kaohsiung Exhibition Center, the site of the former Dr. Sun Yat-Sen Memorial Hall, and a part of Formosa Plastics Group Renwu Plant.
2. To promote social welfare and provide children and youth with protection and care, the Commission reviewed and approved the case to set up a children and youth welfare organization in the Women, Children, Youth Center in Fongshan.
3. To accommodate potential disaster risks and expedite reconstruction of unsafe and old buildings, the Commission reviewed and approved the overall review case of the Chengching Lake Designated Area Project (to comply with the Statute for Expediting Reconstruction of Urban Unsafe and Old Buildings).
4. To strengthen local development and reference public opinion, the Commission reviewed and approved the overall review cases of increased floor area of Fongshan Railway Underground Project, formulation of the Kaohsiung Main Project (the third overall review) detailed plans, road conversion of the north side of Rueisiang St. in Cianjhen, transformation of Jinshan Temple in Wanzihnei, and the detailed plans of Fongshan, land use of the former Kaohsiung City Market, and Lujhu.

### *2. Review of non-urban land development*

Kaohsiung’s dedicated review team for the zoning and alteration of non-urban land held 3 meetings and completed the review of 11 projects in 2018:

1. To promote industrial development, the team reviewed and approved 5 projects including the Extend Forming Industrial Corp. Industrial Park Development Plan (First Amendment), Chen Nan



Iron Wire Co., Ltd. Industrial Park Development Plan (First Amendment), Guanyin Memorial Park Expansion (Columbarium) and Funeral Facilities Development Plan, Huawei Lakeside Mountain Village Community Development Plan (First Amendment), and Kaohsiung Science Park of Southern Taiwan Science Park Development Plan and Detailed Plans.

- The team reviewed three projects relating to the zoning of non-urban land in Kaohsiung.
- To accommodate potential disaster risks, the team reviewed and approved 3 cases including the Rezoning of the Non-urban Land in Dianbao River Area D under Detention Basin Construction, Rezoning of the Non-urban Land in Cianfongzih under Detention Basin Construction, and Rezoning of the Non-urban Land to Special Zone in Wujiawei under Detention Basin Construction.

### *3. Drawing up the Kaohsiung City Spatial Planning*

- The Ministry of the Interior announced the National Spatial Plan on April 30, 2018. Pursuant to Article 45 of the Spatial Planning Act, Kaohsiung City shall announce and implement Kaohsiung City Spatial Planning on April 30, 2020, and publicly post the functional zone maps of Kaohsiung City on April 30, 2022, in which the City will be demarcated with 4 functional zones including environmental conservation zones, marine resource zones, agricultural development zones, and urban-rural development zones.
- During the drawing up process, the City Government convened coordination meetings with relevant city government units respectively concerning issues about the balance between agriculture and industry, strategies on aboriginal tribe lands, tourism development, and other issues to accommodate the drawing up of department plans and handling of important issues. In addition, to listen to opinions from all parties, the City Government also convened two meetings with specialists and scholars, inviting members of

the Kaohsiung City Spatial Planning Committee, specialists and scholars, the Central Government, Kaohsiung City government agencies, and district offices to give advice about drawing up the plan.

## *Urban planning affairs*

### *1. Change of School Area to Commercial Area in Fongshan*

To revitalize idle non-public use land, increase land use efficiency, and have self-liquidating fund for mass rapid transit construction, the main plan was promulgated on January 9, 2018 that the school area would be changed to commercial area.

### *2. Review of the Open Space Area Reward System in Kaohsiung*

A moderate review was performed on open space area reward in Kaohsiung to encourage planning of open space in building sites for public passage or for resting and to enhance the urban landscape. It was promulgated on January 26, 2018.

### *3. Review of the Land Use Zoning Controls around LRT Stations*

The strength of land use was improved by “extra floor area ratio,” forming mass transportation living areas centered around LRT and MRT stations and solving the problems of urban traffic congestion and air pollution. At the same time, an application will be submitted for the inclusion of the prices paid for increased floor area in the scope of financial injections for LRT and MRT construction, increasing the financial self-liquidating rate. It was promulgated on March 15, 2018.

### *4. Review of Downgrading Dashe Industrial Zone for Urban Planning*

To accelerate industrial upgrade and enhance environment quality, Dashe Industrial Zone was downgraded to Type B industrial land. The draft completed public display on August 10, 2018, and is now being reviewed by Kaohsiung Urban Planning Commission.



### 5. Urban Planning Amendment to the Revitalization of the Old Cisian Junior High School Land

The City Government and the Ministry of Science and Technology jointly planned and set up a national-grade research center for marine science to conduct scientific research, support international cutting-edge academic research, assist marine science industry development, and cultivate research and industrial talents. 3.08 hectares of the original Cisian Junior High School land is to be used for the Marine Science Research Center, and the rest is drawn up for revitalizing plan and changed into a commercial/manufacturing park. It is promulgated on October 11, 2018.

### 6. Amendment to the Kaohsiung City Enforcement Rules of the Urban Planning Law

Pursuant to the Industrial Zone Three-dimensional Plan approved by the Executive Yuan, regulations on floor area ratio reward were added. Regulations on establishment standards of senior citizens' welfare institutions, disabled welfare institutions, and institutional residential long-term care services were amended. "Nature conservation facilities" and "green energy facilities" were added to agricultural facility types, and the building coverage ratios of related facilities were formulated. It is promulgated on November 1, 2018.

### 7. Urban Planning Changes for Kaohsiung Second Science Park

To promote post-transformation of new towns in Kaohsiung City, the central and local governments joined hands to plan a science park, which can cluster nearby related industries to form an industrial corridor. The area of the planned park is 360 hectares, and 185 hectares of which serves as a commercial/ manufacturing park. The City Government assisted the Ministry of the Interior to hold public display of the urban planning draft on December 7, 2018, which is now being reviewed by the Urban Planning Commission of the Ministry of the Interior.



Kaohsiung Second Science Park

### 8. Urban Planning Changes for Renwu Industrial Park

To promote economic and industrial development and accelerate the high-value transformation of industries, urban planning changes to the surroundings of Renwu Interchange, Freeway No. 10, were implemented. The plan is to develop a 74-hectare Renwu Industrial Park, which was reviewed by the Joint Task Force of the Urban Planning Commission and the Land Expropriation Review Committee under the Ministry of the Interior on May 3, 2018, and is now being reviewed by the Urban Planning Commission of the Ministry of the Interior.



Renwu Industrial Park

### 9. Re-examination of Caotan Pond Consolidation for Flood Management

To deal with the flooding situation in Renwu District, the City Government accommodated the



report on flood control plan and zoned 3.67 hectares of land for river course and detention pond, which provides detention volume of 55 thousand tons. Land use allocation was also adjusted, and was developed through urban land readjustment method. The Urban Planning Commission of the Ministry of the Interior completed review on October 16, 2018, and held further public display on December 21, 2018. The submission of the further public display part of the plan is now being reviewed by the Urban Planning Commission of the Ministry of the Interior.

### *10. Overall Review on the Project of Land for Public Facilities*

To adequately act in the public interest concerning land reserved for decades for public facilities but is not undertaken, the City Government accommodated the policy of the Central Government and conduct an overall review on land reserved for public facilities in 18 urban planning areas. The public display of the first batch (Daliao, Renwu, Gangshan, Cieding, Hunei, Hunei (Dahu Area)) was held on December 28, 2018.

## *Urban design affairs*

### *1. The Review Operation of the Kaohsiung City Urban Design and Land Development Authorization Review Committee*

The Kaohsiung City Urban Design and Land Development Authorization Review Committee held 37 meetings (17 general meetings which reviewed 96 cases and 20 executive committee meetings which reviewed 116 cases), completing a total of 162 cases, including 78 architect-validation cases. The deliberated cases included the Kaohsiung City Railway Underground Project –Construction of Fongshan Station, LRT stations C18-37, private real estate development, and other urban design reviews.

### *2. Survey and Research of Takao Park during Japanese Rule*

The Urban Development Bureau applied to the Ministry of Culture for fund for “Coastal Revitalization Project” to conduct research and survey on Takao Park. The study result of Takao Park’s historical changes was written into a book named “Takao Park Wild Watch” by Professor LiWunhuan at National Kaohsiung Normal University. In addition, the Bureau invited Professor Wu Mali to curate “Takao Magical Topography” exhibition, which showcased the hundred-year history of Takao Mountain through various art forms and artistic expressions such as printmaking and recreation of ruin materials..

### *3. The Business Model Planning and Delegated Management of Hamasen Revitalized Base*

Hamasen Revitalized Base Dengshan35 (hereinafter “Dengshan35”) has received positive reviews from neighbors and visitors, after hosting three exhibitions of “The Opening,” “Good Neighbor • Gathering,” and “Wisdom in Fishery” under the theme of “Hamasen,” and organizing activities such as “Hamasen Monopoly Game,” “Hamasen, Time Machine, Nostalgic Sports Day,” and “Fish Feast.” Besides exhibitions and activities, Dengshan35 also held “Hamasen Imagery Planet” workshop, “Creative Morphing Boards” workshop, and 6 guided tours, which brought approximately 2,500 visitors.

## *Community development affairs*

### *1. Promoting the University Student Rooting Project and Creating Vibrant, Creative Communities*

The promotion of the “Clean Homes, Community Building” project continues. To inspire community vitality and creativity, a university



student rooting project was held for the first time in addition to encouraging autonomous community building and improving idle, messy spaces in communities. Teams of university students were encouraged to participate in community building, bringing new energy to communities. In 2018, subsidies were provided for 97 new or existing community building points for maintenance and 8 proposals by university student teams. The community building achievements of four communities including Sinhueifong in Nanzih District, Jhonghuain Renwu District, Chengsiangin Gangshan District, and Laorong River Environmental Art Promotion Association in Liouguei District were given the 2018 Yuan Ye Landscape Awards. Moreover, because of the “Clean Homes, Community Building” project, the City Government received the 10th Healthy and Age-friendly City Award from the Ministry of Health and Welfare.



A Briefing on the University Student Rooting Project 2 (National Cheng Kung University Session) and the community building point that won the Yuan Ye Award.

### *2. Renovating old buildings in traditional neighborhoods*

To revitalize the traditional streetscapes of Kaohsiung City, preserve the history of the city, actuate the development of traditional neighborhoods, and attract young investors to invest in traditional neighborhoods, the City Government subsidized and assisted revitalization of historical buildings in Kaohsiung City through central and city funding in 2018. A total of six old buildings were repaired and revitalized.



The successful repurposing of Gangshan Renshou Hospital and No.9, Gushan 1st Rd.

### *3. Heart of Liouguei Reconstruction Project*

To revitalize the Liouguei tourist industry, the city has promoted an integrated project involving scenic construction in the Liouguei Caijhang





settlements, a weekend market on the right bank of Laonong River, and the construction of a site for ecological and environmental education in Caidie Valley. The Ministry of the Interior's Heart of the Town Project has agreed to subsidize NT\$104.5million. The execution period will be 2018-2020.

#### *4. Yanchao Hengshan Military Barracks Land Redevelopment Project*

To make proper use of the former Hengshan Military Barracks by the side of Miancianbu Community in Yanchao District, which has been idle for more than 10 years, as a base for community building, the City Government is subsidized by the Construction and Planning Agency of the Ministry of the Interior to improve the environment and repair part of the military barracks. The construction is completed in June 2019.

### *Housing development affairs*

#### *1. Promote Reconstruction of Unsafe and Old Buildings*

Pursuant to the Statute for Expediting Reconstruction of Urban Unsafe and Old Buildings, incentives such as floor area ratio reward, simplified procedures, tax concessions and financial incentives are provided to fully assist the private sector in the reconstruction of unsafe and old buildings. In 2018, eight applications for the reconstruction plan were received, where seven of them were approved and one of them was rejected. Among those approved, the base at Ln. 187, Zihciang 3rd Rd., Lingya Dist., Kaohsiung City was the first to carry out the reconstruction plan of unsafe and old buildings. The reconstruction not only improved residential safety but also the cityscape.

#### *2. Encourage the Independent Urban Renewal, Renovation, and Maintenance of Old Communities*

To encourage the application for central government urban renewal subsidization and independent urban renovation and maintenance, the City Government provided consultation services for Boai Town Building A in Zuoying District and Guanhai Building in Lingya District to obtain planning and design subsidization. It is hoped that by repairing the peeling-off exterior wall of buildings through urban renewal, public safety and living quality will be improved.

#### *3. Fongshan Creative Housing – Provides Young People with Quality Rental Housing*

Fongshan Creative Housing is a “Pilot Diverse Residential Service for the Youth Project” proposed by the City Government to cater for young people's urgent need for secure housing. Young people between ages 20 to 40 residing, studying or working in Kaohsiung City who do not own a house and have an income below the specified level can submit community service creative residential plan and be provided with the housing once passed the screening with no need to draw lots. Proposal types may include social housing image promotion, service for senior citizens, community development, professional service, and others. The plan enables young people to obtain housing with brand-new furnishing and a full set of furniture and appliances at a lower rent so that their financial burden will be lightened. After the screening, 13 households will move in in May 2018.

#### *4. Providing Rent and Interest Subsidies for Underprivileged Households*

The City Government aims to promote an integrated housing subsidization plan (such as rent subsidies, or interest subsidization for purchase and renovation loans) to satisfy the housing demands of underprivileged households. The 2018 integrated housing plan approved to subsidize the rent of 10,409 households, the interest rate on purchase loans for 764 households, and the interest rate of renovation loans for 142 households, thereby



satisfying the housing requirements of 11,315 underprivileged households.

### *5. Subsidization for the Renovation of Facilities in Public Housing Communities*

This year, 13 public housing communities, including Guomao Public Housing, Kangjhuang Public Housing, Jianguo New Town Public Housing, applied for subsidization to renovate public facilities, mainly for repairing fire-fighting equipment, updating surveillance systems, and de-sludging septic tanks, which effectively improved the living quality of residents.

## *Urban development affairs*

### *1. Surveying Urban Planning Stake Positions and Accelerating Urban Construction*

To promote the smooth and rapid completion of urban construction, the City Government has arranged the survey of urban planning Stakes in accordance with requirements of various plans, including urban planning announcements, civil engineering, and flood control. In 2018, 64 staking operations were completed, including the Master Plan for the East Dapingding Urban Planning Project (passed during the fourth overall review) (first phase)

### *2. Urban Planning Drawings Remaking, Integration, and Application Plan*

To improve precision of urban planning drawings, deal with the difficulty of the preservation of the original paper used for the drawings which were prone to deformation, and protect legal rights of the public, an overall review on the remaking project of urban planning drawings was convened. In 2018, the overall review on the remaking projects of urban planning drawings for Dashe, Alian, Daliao, and Meinong were promulgated and implemented.

### *3. Cishan Sugar Park Project*

To balance urban and rural development, develop local cultural industries in nine districts including Cishan and Meinong, and revitalize the hundred-year-old sugar factory, the City Government collaborated with Taiwan Sugar Corp. and planned the transition of Cishan Sugar Factory into a multi-functional innovative exposition park for agricultural sales, tourism, experience, and value-added processing. The Ministry of Economic Affairs granted the plan a subsidy totaling NT\$104 million. As of December 2018, the detailed design and construction outsourcing of the red brick warehouse and the remodeling of the facade space on Yanping Rd. were completed, and the environmental assessment of the agricultural product processing area was reviewed and approved. At the same time, relevant cooperation agreement and rental agreement with Taiwan Sugar Corp. were drawn up, and detailed designs for the renovation of 13 warehouses on the south side and environmental improvement on public space were contracted out, while the detailed design is currently taking place.

### *4. Lane 60, Dengshan Street Landscape Renovation Project*

Following the restaging of important historical sites of Hamasen hundred-year-old historic trail, waterway, embankment, air-raid shelter, and pillbox, a 79-meter-long slide was built in 2018 around the design concept of space-time corridor. The slide has the best view in Taiwan, and is also the first long slide that combines with historical scenes. Going down the slide is like riding on a time machine; visitors may enjoy a fresh and interesting experience of traveling through historical heritage from the Qing Empire, Japanese rule, and postwar period, and stay close to the historical scenes. The slide has been opened to public since November 2018, and has become a popular check-in spot and tourist attraction in Taiwan.



### *5. Dashu Old Railway Bridge National Designated Monuments Conservation*

To maintain visiting and experiencing quality of Dashu Old Railway Bridge national designated monuments, the City Government applied for and received subsidization from the Ministry of Culture for the “Cultural Heritage Preservation, Restoration, Management, and Conservation Plan,” for regular inspection and cleaning of the facilities, replacing damaged railroad ties, maintaining bridge paintwork, inspection and repair of electrical and mechanical facilities, and adding fire extinguishers and surveillance equipment.

### *6. Mobile Approval for Issuance of Land Use Classification Certificate*

To accommodate citizens’ needs in buying and selling real estate, application for building, and other registration services, the City Government has continued to expand the automated information service platform to enhance service efficiency and quality of providing land use classification information and approving and issuing certificate. Citizens can apply cross-district service and documents will be issued immediately since 2018. In addition, mobile payment option is added, so

application for certificate of land use classification can now be done anytime anywhere with a mobile device.

### *7. Building and Landscape Reconstruction in the Gas Explosion Area*

The project subsidizes the renovation of old building exteriors and facade spaces, and incorporation of green building and friendly environment design concepts. The road sections encompassed in this project include Yisin 1st Road (from Kaisyuan 3rd Road intersection to Guanghua 3rd Road intersection), Kaisyuan 3rd Road (Yisin Road intersection to Sandou Road intersection), Sandou 1st Road and Sandou 2nd Road (Kaisyuan Road intersection to Wuying Road intersection), Wuqing 3rd Road (Sandou Road intersection to Wucing 3rd Road Lane 79 intersection), and Wuling Street (Sandou Road intersection to Wujhih Road intersection). The last batch of 15 buildings (32 households) completed landscape improvement in 2018. A total of 397 buildings (707 households) were renovated in four years, giving the streets a brand-new look with business opportunities revitalized.

## **VII 、 Construction**

### *Building Management*

Details regarding building permit issuance, and management of architects, construction businesses and civil engineering contractors in 2018 are illustrated in Tables 3-9 、 3-10 and Figure 3-2.

#### *1. The Issuance of Building Permits and Construction Management*

- (1) In 2018, a total of 3,377 building permits for 19,661 households, 485 demolition permits and 129 miscellaneous permits were issued. There were 1,308 cases of alteration of design, 2,582 use permits for 12,982 households, 416 usage alteration permits, 278 certificates of building interior decoration, 1,943 building line directions and 194 combined usage certificates of leftover land were issued.



- (2) There were 6,576 cases of construction site patrol, 97 cases of construction project plan consultation, and 14,711 reports of under-construction building inspection.
- (3) To ensure efficient use of earth and gravel for construction, the management of residual earth and gravel was reinforced. To prevent illegal disposal of such earth, 2 cases of the shipping of residual earth from construction sites were practically inspected in 2018, and regular inspection was carried out at dumping site 27 times.

## *2. Kaohsiung LOHAS Building Project*

- (1) Kaohsiung LOHAS Building-related projects:
  - Kaohsiung LOHAS Building R&D Subsidization Program: Applications in 2018 were reviewed on July 2. Seven applicants were granted the subsidy, amounting to 380,000 in total.
  - Kaohsiung LOHAS Building – Green Building Promotion Program: 17 applications were received in 2018, and 15 of them entered the final contest after the preliminary selection on June 4, 2018. The final contest was held on June 20 and 21 and awards were presented on July 23.
  - Kaohsiung LOHAS Building – New Building Activation Program: Weekly follow-ups on newly built Kaohsiung LOHAS Building cases were conducted, and a basic database and Kaohsiung LOHAS Building map were created. Building visits for citizens and experts were held on September 4 and 13, and October 17, 2018. Kaohsiung LOHAS Building Design Exhibition was held on July 23. On October 18, an international forum was held. Experts and scholars from Canada, the United States, and the Philippines were invited to exchange knowledge on green architectures.
  - Kaohsiung LOHAS Building – Local

Design Operation Program: Weekly follow-ups on the legal procedure consultation for existing buildings (30 cases) were conducted. By December 31, 2018, assistance concerning the legal procedures and acquisition of construction permits was given for 60 cases. In addition, a consultation counter for Kaohsiung LOHAS Building projects was established on the 1st floor of the Department of Building Affairs.

- (2) Regulations Concerning Kaohsiung LOHAS Building Design and Encouragement of Feedback were promulgated and enforced on September 4, 2014, and amended on January 11 and May 26, 2016, and April 26, 2018. As of December 31, 2018, the following statistics was obtained:
  - Number of applications: Kaohsiung LOHAS Building designs that have obtained a building permit totaled 1,111 cases, involving 38,144 households, and 343 of them have obtained a use permit.
  - Balcony Landscaping: a total area of 215,724 square meters.
  - Bathrooms with a universal design: a total area of 38,361 square meters.
  - Universal common rooms and elevators: a total area of 7,212 square meters.
  - Green energy facilities: front-of-house facilities totaled 28,293 square meters; back-of-house facilities totaled 1,778 square meters.
- (3) Vertical Greenery Action Plan for Kaohsiung LOHAS Building:
  - The area of legally constructed green roof has reached 251,000 square meters (equivalent to a green area of 38 standard football courts) since 2012; this can be translated to an annual reduction of 5,022.1 tons of CO<sub>2</sub> emissions (equivalent to the annual carbon uptake of 13 Da'an Forest Parks).



- The eco-green roof demonstration project in Kaohsiung Municipal Sanmin Vocational High School of Home Economics & Commerce was completed in 2018. The green area of the butterfly eco-park is 720 square meters, and solar photovoltaic facilities with a maximum of 16.5 KW per hour were installed.
- The Green Roof Subsidization Program was launched in 2018. A total of 4 public and private buildings were included in the green roof establishment project, representing an increase of 505 square meters in the rooftop green area. The amount of subsidies totaled NT\$1.95 million.

### *3. The Promotion of Photovoltaic Smart Buildings*

#### (1) Plans of Execution

The city approved 1,273 filings in 2018 and set a capacity of 185,376 KW, generating an average of 236,818,294 kWh of electricity per year and reducing CO<sup>2</sup> emissions by 125,277 tons.

#### (2) Promotional Events and Performance

- Field investigation in 38 districts of the City, as well as the list of willing installation participants, was completed in 2016. Public authorities are encouraged to rent out vacant rooftops to not only reduce the cost in the maintenance but also increase municipal revenues. In 2017, photoelectric facilities have been set up in the offices of Ciaotou, Lujhu, Zuoying, Nanzih, Cianjhen and Daliao Districts. Seven public health clinics have been set up in Yanchao, Fongshan, Linyuan, Hunei, Alian, Meinong, and Namasia. Other public buildings, including the Veterans Affairs Commission Gangshan Veterans Home, Bureau of Labor, Council for Hakka Affairs, Nioupu Community

Center, Gushan District Activity Center, Agongdian Reservoir, Dian-Bao Creek drainage detention pool, Yong-an detention pool, Dashe Phase One landfill site, Cishan regional landfill site, were established.

- Agongdian Reservoir set up 2 hectares of buoyant solar panels (installed capacity of 2.3MW) in 2018, being the first reservoir in Taiwan to set up floating photovoltaic system. Construction of photoelectric facilities was completed in Section B of the Dian-Bao Creek drainage detention pool, Yong-an detention pool, and Dashe landfill site.
- The 250 MW “100 World Games Solar Photovoltaic Project” goal accomplishment and MOU signing ceremony for industry-academia collaboration was held at the rooftops of C8 and C9, Dayi Area, the Pier-2 Art Center on July 25, 2018. The Mayor was invited to come and made a speech.

### *4. Earthquake Resistance and Related Affairs*

To boost the City’s performance and ability in disaster rescue, the 2018 Group Training and Drill on Post-disaster Emergency Evaluation of Dangerous Buildings was held at the Kaohsiung City Dadong Arts Center on September 26, 2018. A total of 90 technicians and architects in the City were mobilized in the hope to reduce the loss of life and property of citizens in an earthquake.

### *5 Management of Billboard Advertisements and Erect Advertisement Signs*

“The 2nd Implementation Program for Renewal of Buildings, Landscape, and Signs in the Petrochemical Explosion Area of Kaohsiung City” was processed in 2016. The program announcement was made on April 18, 2016. After 9 review meetings, 170 cases were approved. The amount of subsidies totaled NT\$10,564,526. Closure of the



program was approved and filed for future reference in the third meeting of the second-term board of directors of Kaohsiung Petrochemical Explosion Donation Account Committee on October 22, 2018.

### 6. Apartment and Condominium Management

- (1) total of 46 review meetings were convened to review apartment and condominium certification mark applications. A total of 1,037 buildings have been granted certification.
- (2) Attorneys specializing in the laws governing apartments and condominiums were commissioned and a toll-free hotline was

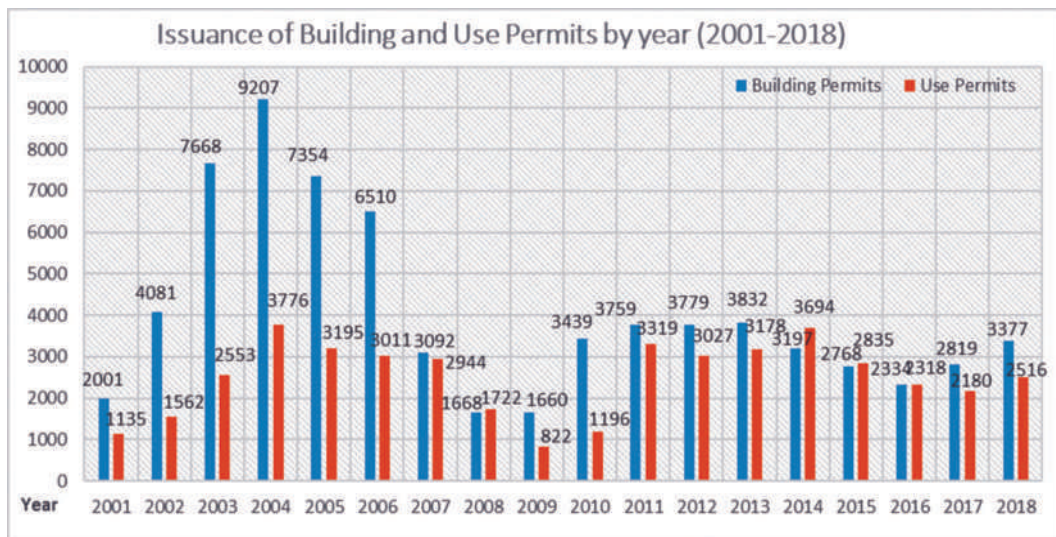
set up, to provide legal consulting services for building management committees and residents from January 2016 onwards. In addition, a service counter was established at the Department of Building Affairs to provide legal consulting services. A total of 283 individuals were served in 2018 to help resolve residential disputes.

### 7. Promotion of a Barrier-free Environment for Public Buildings

The Ministry of the Interior has conducted the annual accessibility evaluation, and the result was announced recently. Kaohsiung City has been rated “outstanding” for 6 consecutive years.

Figure 3-2 Statistics of Issuance of Construction Licenses in Kaohsiung City

Unit : Case



Note: Construction Licenses (including Miscellaneous License, Demolition License, Usage Alternation, Design Alternation, Temporary Construction License, and Interior Decoration)



Table 3-9 Statistics of Architect Registration in Kaohsiung City

Unit : Case

Month Year	No. of Architect Firms				Architects											
	No. in the Previous Year	Increased No. This Year	No. of Withdrawal This Year	Current No. as of the End of This Year	No. in the Previous Year			No. of Registration Approved This Year			No. of Name Removal / Withdrawal This Year			Current No. as of the End of This Year		
					Total	Grade-A	Grade-B	Total	Grade-A	Grade-B	Total	Grade-A	Grade-B	Total	Grade-A	Grade-B
December 2009	249	6	7	248	249	247	2	6	6	0	7	7	0	248	246	2
December 2010	248	18	9	257	248	246	2	18	18	0	9	9	0	257	255	2
December 2011	323	9	9	323	323	321	2	9	9	0	9	9	0	323	321	2
December 2012	323	15	0	338	323	321	2	15	15	0	0	0	0	338	336	2
December 2013	338	16	3	351	338	336	2	7	7	0	3	3	0	354	352	2
December 2014	351	10	0	361	351	349	2	10	10	0	0	0	0	363	361	2
December 2015	361	4	0	365	361	359	2	4	4	0	0	0	0	365	363	2
December 2016	365	15	6	374	365	363	2	20	20	0	2	2	0	381	379	2
December 2017	374	17	6	385	381	379	2	19	19	0	6	6	0	394	392	2
December 2018	322	14	8	332	329	327	2	14	14	0	8	8	0	343	341	2



Table 3-10 Statistics of the Registered Construction Enterprises in Kaohsiung City

(The construction industry has been divided into comprehensive construction enterprises, specialized construction enterprises, and civil engineering contractors since 2005)

Unit : Ten Thousand Dollars

Year	Total Comprehensive Construction Enterprises		Class A Comprehensive Construction Enterprises		Class B Comprehensive Construction Enterprises		Class C Comprehensive Construction Enterprises		Specialized Construction Enterprises		Civil Engineering Contractors	
	No.	Capitalization	No.	Capitalization	No.	Capitalization	No.	Capitalization	No.	Capitalization	No.	Capitalization
Data in 2009	749	2,817,650	200	2,368,849	94	182,680	455	266,121	43	1,472,057	237	31,441
Canceled in 2009	13	10,700	1	2,700	0	0	12	8,000	0	0	5	900
Approved in 2009	12	8,900	0	0	0	0	12	8,900	7	257,820	33	4,510
Data in 2010	771	2,937,437	210	2,474,786	99	175,240	462	287,411	46	1,471,430	254	34,403
Canceled in 2010	8	3,300	0	0	0	0	8	3,300	2	5,500	5	540
Approved in 2010	14	6,400	0	0	0	0	14	6,400	3	4,200	22	2,750
Data in 2011	1943	5,779,044	271	3,025,439	148	270,830	727	436,677	60	1,953,041	737	93,057
Canceled in 2011	24	7,900	0	0	0	0	5	3,400	2	3,000	17	1,500
Approved in 2011	68	41,129	0	0	0	0	20	7,820	5	24,330	43	8,979
Data in 2012	2,000	23,597,818	283	3,340,931	149	263,930	741	457,610	63	19,437,210	764	98,137
Canceled in 2012	26	32,630	1	10,000	1	1500	10	7300	2	12500	12	1330
Approved in 2012	66	26,870	0	0	0	0	25	15,700	4	6,700	37	4,470
Data in 2013	2046	23615018	283	3336731	146	258830	767	470785	63	19444210	787	104462
Canceled in 2013	28	23770	2	16000	1	1500	6	3700	1	500	18	2070
Approved in 2013	72	27505	0	0	0	0	30	16875	1	2500	41	8130
Data in 2014	2,090	23,955,843	294	3,465,568	137	248,950	786	492,092	68	19,639,630	805	109,603
Canceled in 2014	22	17,308	0	0	0	0	9	7,500	2	6,900	11	2,908
Approved in 2014	61	43,510	0	0	0	0	33	19,250	7	21,600	21	2,660
Data in 2015	2,147	24,236,068	313	3,707,909	134	239,525	808	516,327	72	19,657,970	870	114,337
Canceled in 2015	31	23,260	0	0	2	2,750	9	4,520	3	13,300	17	2,690
Approved in 2015	56	39,650	0	0	0	0	26	15,730	5	20,200	25	3,720
Data in 2016	2,014	24,737,807	321	3,603,141	132	219,815	760	615,519	75	20,191,490	726	107,842
Canceled in 2016	32	11,015	0	0	1	1,000	6	1,000	1	6,000	24	3,015
Approved in 2016	40	64,590	0	0	0	0	21	9,075	5	52,500	14	3,015
Data in 2017	2,175	24,842,233	327	3,664,441	138	242,605	803	642,425	79	20,171,790	828	120,972
Canceled in 2017	26	6,040	0	0	0	0	6	3,000	2	1,200	18	1,840
Approved in 2017	65	24,240	0	0	0	0	18	8,610	5	9,800	42	5,830
Data in 2018	2,135	24,406,079	316	3,750,352	135	232,485	793	637,846	73	19,669,490	818	115,906
Canceled in 2018	11	7,270	0	0	2	2,750	9	4,520	3	13,300	17	2,690
Approved in 2018	26	15,730	0	0	0	0	26	15,730	5	20,200	25	3,720





### *Disposal of Illegally Constructed Buildings*

1. In the building management, the Building Violations Enforcement Corps., Public Works Bureau will focus on the removal of illegal buildings and discarded advertisements, T-bars advertisement billboards along the sides of the highway and the illegal utilization of the arcades. In addition, the Corps. will continue its operation to clamp down illegal buildings. The Corps. will

also implement the policy of maintaining public safety, traffic, hygiene and city appearance in line with discarded vacant buildings that breed dengue fever assessed by Communicable Disease Assessment Committee and will remove the illegal buildings occupying lanes that will affect the relief of fire or disaster.

2. In 2018 (from January 1 to December 31, 2018), there were 3,012 illegal building removing cases (please refer to table 3-10 for details).

Table 3-11 Statistics on Reported and Demolished Illegally Constructed Buildings of Kaohsiung City

Year/Month	Item	Report Number	Demolition Number	Demolition number in cooperation with other agencies of Kaohsiung City Government	Total Demolition Number
2018	1	150	225	1	226
	2	82	47	13	60
	3	154	236	0	236
	4	96	130	2	132
	5	104	177	0	177
	6	124	173	3	176
	7	246	188	1	189
	8	489	177	4	181
	9	490	174	6	180
	10	464	242	2	244
	11	491	264	1	265
	12	129	946	0	946
Total		3,019	2,979	33	3,012



## *New Construction Projects*

### *1. Public Construction Projects*

- (1) Renwu District Dawan General Activity Center Construction Project

The project constructed a 2-storey ground building at the Jinding section of Renwu District, which includes functional spaces for public activities, simple reading rooms, conference rooms and classrooms. The project commenced on August 21, 2017 and was completed on October 23, 2018, at a total cost of NT\$25.58 million.

- (2) Linyuan District Administration Center Construction Project

The new RC-structure, multi-functional administration center of 6 overground floors and 2 underground floors has stationed agencies including the Linyuan District Office, Linyuan District Household Registration Office, and Linyuan Cleaning Unit. The project commenced on September 28, 2017 and was completed on December 4, 2018, at a total cost of about NT\$360 million.

- (3) Dashu District Administration Center Construction Project

The RC-structure, multi-functional administration center of 3 overground floors is located at Land No. 629 at the Shueichang section of Dashu District. Stationed agencies include the district office, public health center, cleaning unit, household registration office and the fire brigade. The project was completed on December 17, 2018, at a total cost of NT\$284.734 million.

### *2. School Construction Projects*

- (1) Lingya District Wucyuan Elementary School Construction Project (Phase 2)

The project included demolition of one school building with kitchen, and the

construction of two new buildings of 1 underground floor and 4 overground floors, for administrative offices and classrooms, as well as speech platform, security room, front gate, playground, sports field and landscape building. The project commenced on April 18, 2016 and was completed on April 18, 2018, at a total cost of NT\$112.93 million.

- (2) Gushan District Gushan Elementary School Demolition and Construction Project

Three school buildings (Zihciang Building, Jhongsiao Building and First Building) were demolished and new classrooms, offices, library, audio-visual classrooms, an activity center and landscape were constructed, at a total cost of NT\$108.54 million. The project commenced on November 21, 2016 and was completed on August 13, 2018.



*Gushan District Gushan Elementary School Demolition and Construction Project*

- (3) Daliao District Chaoliao Junior High School Construction Project

The project included the construction of a four-storey school building on the ground and a building of 1 overground floor and 1 underground floor for folk art classrooms, including standard classrooms, special classrooms, library, healthcare center, offices, school gate and green landscaping. After the completion of new school buildings, the existing 3 old buildings, basketball court, speech platform and the main entrance



archway were demolished. The project commenced on May 13, 2016 and was completed on August 2, 2018, at a total cost of NT\$115.65 million.



Daliao District Chaoliao Junior High School Construction Project

(4) Yancheng District Yancheng Junior High School Construction Project

The project included the construction of one new 3-storey school building (with standard classrooms, library, audio-visual conference room, specialized classrooms, canoe material room with canoe display area), the demolition of 3 old buildings (Renai Building, Sinyi Building and Heping Building), landscaping, and relocation of the school gate and security room. The total cost of the project was approximately NT\$62.44 million. Construction started on February 2, 2017 and was completed on September 20, 2018.



Yancheng District Yancheng Junior High School Construction Project

## Maintenance Engineering

### 1. The 2018 annual road and pedestrian environment improvement projects

- (1) Nanping Road (Huasia Road to Sinnan Street), Haibian Road (Wufu 3rd Road to Yingsyong Road), Guanghua 2nd Road (Ersheng Road to Shantou Street) and other projects. The whole city's AC pavement improvement project (one to three bids in the North, Central and South Districts).
- (2) Improvements in sidewalks, bike path inspections, and maintenance of park civil facilities in Gushan, Yancheng, Sanmin, Lingya, Cianjin, Sinsing, Siaogang, Cianjhen, Cijin, Nanzih, Zuoying and other districts.
- (3) Outsourcing inspections, repairs, resurfacing and emergency repairs for roads in Renwu, Daliao, Fongshan, Gangshan and Lujhu.
- (4) Improvement of roads and ancillary facilities in districts such as Cishan, Neimen, Meinong, Liouguei, Taoyuan, Maolin, Shanlin, Jiasian and Namasia.

### 2. Bike path construction

To create a healthy and livable city, Kaohsiung City promotes a friendly bicycle environment and was selected "one of the top five bicycle friendly cities in Asia" by CNN in 2010. Currently 8 types have been planned, covering the metropolitan prime area and important sightseeing spots, richer and closer, providing the public a complex living environment of convenient transportation, leisure, sports, and education. The distinction is as follows:

- (1) Harbor type: the north coast bike path from the Erren River estuary to Zihguan Kezailiao fishing port, Cijin bike path and harbor line bike path.
- (2) Mountain forest type: from Gaoping River estuary through Linyuan, Daliao embankment bike path to the Old Railway Bridge Wetland, then along the No. 29



Provincial Road to the Dashu, Cishan District bike path system.

- (3) River and lake type: including Love River, Erren River, Agongdian River, Dianbao River, Fongshan River, Chengcing Lake, Jinshih Lake bike path.
- (4) Field type: including Ciaotou, Gangshan rural bike path, Cishan, Meinong mountain town bike path.
- (5) Metropolitan commuting type: such as the metropolitan area center network, industrial and high-tech industries periphery commuting bike path system.
- (6) Special landscape type: such as the Moon World's badland terrain landscape, the Mount Dagang and Mount Siaogang, Mount Zhongliao and other bike paths system.
- (7) Sports and leisure type: such as Shanlin, Liouguei, Jiasian and other off-road bike paths.
- (8) Rural community type: such as bike paths in Hunei, Alian, Linyuan, Daliao and other districts. As of 2018, it has reached 1,031 kilometers and is the green path network of highest density in the whole country. It combines the mass transit system to enhance the traffic function of "green transportation", creates an energy-saving, environmentally friendly and healthy aerobic path system for Kaohsiung City and lets Kaohsiung City leap into a friendly happy city of carbon reduction.

### *3. Bridges, tunnels detection improvement*

- (1) Repair and reinforcement for 152 bridges.
- (2) Entrust professional manufacturers to handle 845 bridges visual inspection work and typhoon, heavy rain and earthquake special inspection.

### *4. Street light project*

- (1) Three project cases involve Fongshan,

Cishan and Gangshan, and street lights of a total of 35 districts are added and improved sporadically.

- (2) The Kaohsiung and Fongshan project cases involve a total of 35 administrative districts cooperating with the Taipower underground project.
- (3) Three project cases in Fongshan, Cishan and Gangshan involve a total of 35 administrative districts for night lighting improvement projects such as roads (streets), parks (green spaces) and bridges of the whole city.
- (4) The street light project in 2018: set up 1,097 street lights, replaced 4,845 LED lamps, dug and buried 7,520 meters of pipelines, etc., and set (changed lamp poles) 469 groups.
- (5) Private Finance Initiative System

In line with the government's energy conservation and carbon reduction policy, the city's traditional street lamps are replaced by energy-saving lamps, which not only save energy, but have benefits of saving electricity bills. This case refers to the spirit of the UK and Japan PFI (Private Finance Initiative), combines with service performance and payment mechanisms, and incorporates PFI's core values, to develop performance indicators. Under the premise in line with the level of service and without increase in budget expenditures, make street light maintenance and engineering work play a great role in achieving a comprehensive street lamps replacement with energy-saving lamps and bring gap between the urban and rural visions closer. Besides, in addition to weeding out the streetlights, the private enterprises must still be responsible for the long-term street light maintenance management, and the performance is appraised by each district office, which also can improve the quality of contractor maintenance. This proposal system is expected to complete the contracting process



by the end of 2019. At the end of 2020, the goal of replacing with the 130,000 intelligent street lamps will be achieved. After that, the contractor will continue to be responsible for maintenance management on street lights for 8 years.

### *5. Opening up parks, green spaces and children's playgrounds*

This government opens up park green space. Depending on the value of regional humanity characteristics, art, ecology, pluralism, etc., build theme park with characteristics and handle renovation and transformation of old parks.

#### (1) The construction project of the Fudingjin Shuanghu Forest Park in the Sanmin District

Formerly the Fudingjin Cemetery has been announced, promulgated and implemented on January 13, 2015, to change 26.41 hectares for park land. The project plan replaces the original bare slope landscape with the concept of forest, and sets simple and graceful design techniques such as sunny slopes and sunny lawns to reduce excessive facilities. Use the sloping land conditions to set up the flower field landscape area, increase the environmental color and create seasonal topic effects, and increase the closeness of the people. In the park, we plan the pedestrian environment traffic flow for the citizens to relax and exercise and set up a viewing platform on the slope elevation to see the dotted beautiful scenery of the freeway and Jinshih Lake.

The park cooperates with the graveyard moving plan of the Mortuary Service Office of the Civil Affairs Bureau of the government. It is planned and constructed by years and in phases, and has a total development budget of about NT\$486.10 million. We also strive for the subsidy fund of Forward-Looking Infrastructure-City Heart Project from Construction and Planning Agency of the Ministry of the

Interior. The budget is NT\$206.4 million and the self-raised fund is NT\$51.6 million. The first phase of the project was completed on December 8, 2017. The second phase of the project was divided into drainage, planting and landscape 3 bids for handling, and the overall project is scheduled to be completed by the end of 2019.

#### (2) Siaogang District 89th Rezoning Area (Shaokang Barrack Area) Park

The park is located at the intersection of Gaosong Road and Yingkou Road (formerly Shaokang Barrack Area) with an area of about 10 hectares. The base is long and narrow and L-shaped. Therefore, the planning and design content focuses on the arrangement of traffic flows and spaces. Through the traffic flows, various "fields" are created and connected in series. There are balk footpaths for the public to walk, and shallow waters provide parent-child playing water. There is a stage built on the surface of the water, with deciduous cypress, so that people can gaze at the water, rest and meditate. Different attributes and functional spaces allow the narrow green belt to create a multi-faceted appearance, which is expected to become an indicator park for Siaogang in the future. The project development fund is about NT\$260 million. It started on October 11, 2017 and was opened to use at the end of January, 2019.

#### (3) Neighborhood Park

- The Cianjhen District 79th phase city land rezoning area park 4 and park 13 development project

The base is located at the Kuojian Road and the Sinsheng Road intersection. The area is about 2.25 hectares and the construction project cost is NT\$36,680,000. It was completed on September 25, 2018.

- Nanzih District park 7 (Jyuguang Section, 1st Subsection, land number 6, etc.)



development project

The park is located at Rongchang Street to Zuonan Road, covering an area of about 0.5 hectares. Total cost of development is about NT\$20.4 million. It was completed on November 23, 2018.



Nanzih District Park 7 (Jyuguang Section, 1st Subsection, Land Number 6, etc.) Development Project

### 6. The old park improvement

#### (1) Old Park Maintenance Management Plan

- Park green space maintenance work and cleaning principles
- Park cleaning and maintenance standard operation
- Establish a universal notification system.
- Establish supervision and reward mechanism.
- Extend park maintenance time.
- Advocate and ban park violation behaviors.
- Promote employment plan personnel's work assignments and park maintenance management implementation plan goals to make the park "safe, clean and elegant".

- (2) In 2018, handle the transformation project of Nanzih District 07 children 04 (Longchang Children's Playground), Zuoying District 05 children 08 (Fumin Children's Playground), Sanmin District facilities of Heart of Love River, Lingya District 01 green 37, Cianjhen District 39th Phase City Land Rezoning Neighborhood Park (Jhensing), Siaogang

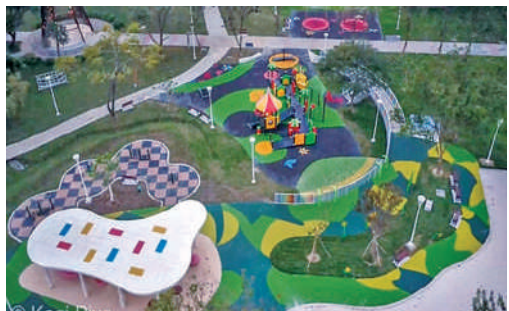
District Liouling, Huaren Children's Playground, Siaogang District Environmental Park and Gangnan Children's Playground, Fongshan District park 7 (Dadong Park) north side landscape, Fongshan District Weiwuying three linkage surrounding landscape, and the integration playground in the Weiwuying Metropolitan Park.



Lingya District 01 Green 37 Reconstruction Project



39th Phase City Land Rezoning Neighborhood Park (Jhensing) Reconstruction Project



Integration Playground in the Weiwuying Metropolitan Park



### 7. Promote urban landscape greening

- (1) The main roads, park green space, balanced regional development, green beautification of landscaping attractions

Strengthen the main landscape roads, targeting Jhonghua 1st Road to 5th Road, Jiouru 1st Road, Jiouru 4th Road, Cueihua Road, Dajhong Road, Gaonan Highway, Minzu 1st Road, Minzu 2nd Road, Bo'ai Road, Tongmeng Road, Mingcheng Road, Jhongjheng Road, Guotai Road, Nanjing Road, Fucian Road, Dashun Road, Chengcing Road, Sihwei Road, Mincyuan Road, Cingnian Road, Guanghua Road, Heping Road, Minsheng Road, Wufu Road, Jhongshan South Road, Time Avenue, Kaisyuan 4th Road, Singuang Road, green belt along the light rail and green space and other major landscape road greening and beautification. The total application length is more than 100 kilometers.

- (2) Green space beautification

The government's various bureaus, departments and the district offices have reported and applied "2018 Kaohsiung City Environment Green Beautification Improvement Implementation Plan", 24 cases have been approved, and the green beautification area of about 10.1 hectares have been completed. In addition, the Maintenance Office handles green space greening beautification work of the specials 1 and 2 of Aozihdi, the bank of Happiness Canal, the Sihwei Administrative Center, Zuoying and Ci Wun Gate Roundabout, Minsheng Roundabout and Jhonghua 5th Road Roundabout, Jiesing 1st Street, Cianjhen Star and important landscape channelization islands. Moreover, green beautification tree planting plan in Siaogang District Gaofong Road, Cueiheng North and South Road bike paths, Kuojian Road, and Pingsong section land number 165 and other idle open space are handled.

Millions of trees have been planted as planned. By December 2018, the total cumulative number of trees planted was about 766,987, and the cumulative carbon reduction was 56,204 tons.

### 8. Community Students' Path Project

In order to provide a safe and friendly students' pedestrian path environment for students, the Maintenance Office continues to plan and build a community-based students' path. Combine with the characteristics of local communities, and regard students as the main body to create a streetscape. In planning and design, each students' path, through the characteristics of liveliness, safety, innovation and user-friendliness, integrates the local culture of various schools and communities. Let students leave good memories in the stage of learning and growth, and in order to reduce the heat island effect of the city and in response to global climate change, the city sidewalk and the students' path pavement will coordinate with the surrounding environment and geographical conditions and be gradually updated by way of adopting permeable paved surface. As of 2018, a total of 180 community students' paths had been completed.

### 9. Public works maintenance and repair

- (1) Road Maintenance

From January to December of 2018, AC resurfacing area was about 3,179,612 square meters. The sidewalk (including students' path) improvement area was about 7,046 square meters.

- (2) Streetlights maintenance

In 2018, there were a total of 30 cases of street light outsourcing maintenance projects and 2 cases of maintenance and emergency repair works for the whole city's park lights, water and electricity, sprinkler irrigation, fountains and other facilities.



(3) Park green space street tree beautification green maintenance

10 cases of planting pruning maintenance and emergency repair work, 8 cases of park cleaning and maintenance and emergency repair work, 2 cases of the addition and improvement project for the park amusement equipment and facilities, and 10 cases of the road landscape green beautification project.

(4) Entrusted park cleaning and maintenance

There are a total of 655 places of the entrusted park cleaning and maintenance, of which 458 places are commissioned to be handled by the vendor. There are a total of 171 places in small neighborhood parks commissioned to village offices, and a total of 26 private adoptions. We will continue to encourage companies to participate in the park adoption work.

## VIII 、 Flood Control

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### *Water Resources and Flood Control*

#### *1. Storm sewer and flood prevention projects*

In areas prone to flooding, the Kaohsiung City Government has formulated measures to improve drainage and flood control and systematically manage rivers, drainage, and seawalls under its jurisdiction to effectively prevent floods and protect citizens from loss and damage.

To improve drainage in each district, the Kaohsiung City Government has integrated small and medium drains, continued the construction of planned storm sewers within the scope of urban planning, and is continuously improving existing drainage in flooding areas. In addition, the city is seeking funds from the central government to build flood detention pools and carry out flood control projects, while balancing ecology and demand.

In 2018, Kaohsiung City invested NTD 2,032,129,000 in drainage and flood prevention projects. As of 2018, the city's rainwater drainage mainline building completion rate was 75.15% (as of December 31, 2018, the planned length was 891

km, of which 669 km were completed). At the same time, the municipal government implemented the Shihcyuan Flood Detention Park Project (expected to be completed in May 2019) and the Dianbao River Area D Detention Pond Project (expected to be completed in July 2019). As of the end of 2018, the city has completed 12 detention ponds (including Benhe Village, Ben'an Ecological Area, and Baoye Village in Sanmin District; Shanzhiding Ditch in Daliao District; Dianbao River Areas A and B and Cianfongzih in Gangshan District; Shihlong River (Jhonglan Bridge upstream left bank) in Renwu District; Yong'an Flood Detention Pond in Yong'an District; Beiwu Detention Pond in Bagualiao Area; Bagua Village Detention Pond in Renwu District; Fongshan Canal Detention Pond; and the Chaishan Detention Pond Project). The total flood detention quantity is approximately 2.956 million tons. The two new detention ponds expected to be completed in 2019 will add about 310 thousand tons to the flood detention quantity. The Kaohsiung City Water Resources Bureau received an "Excellent" grading in the Ministry of the Interior's 2017 municipality and county (city) government rainwater sewer general subsidy funding audit.





## 2. Sewage works

Treatment of domestic sewage can stabilize river water quality and prevent mosquitos from breeding (lowering the prevalence of dengue fever because mosquitoes are disease vectors), and effectively improve living environments. Thus, the Government has listed the building of sewers as an important part of infrastructure development. Sewage collection systems that are currently under construction include the Kaohsiung sewage collection area, Nanzih sewage collection area (Taiwan's first BOT sewer system), and Linhai sewage collection area in Kaohsiung City, Niaosong sewage collection area in Fongshan, Dashu sewage collection area, Cishan and Meinong sewage collection area, Gangshan and Ciaotou sewage collection area, and Dashe District. Initial planning has been completed for the Renwu District, Daliao District, Linyuan District, Hunei District, Yanchao District, Lujhu District, and Zihguan District.

In 2018 the Kaohsiung City Government invested NT\$ 2,745,128,000 on the sewage pipeline and completed 1,451.78 kilometers of pipeline. The user pipeline accessibility rate was 42.85% (user pipeline connection has been completed for 471,625 households across the city). This Bureau received a grade of "Excellent" in the Ministry of the Interior's 2017 sewer building plan evaluation. Other important achievements are listed below:

### (1) Sewage treatment plants:

Currently, Kaohsiung City runs six sewage treatment plants (Gangshan and Ciaotou Sewage Treatment Plant was completed in July 2018). After meeting the sewage discharge standard set up by the Environmental Protection Bureau, treated sewage will be discharged into rivers and the ocean, which can effectively lower river and ocean pollution. In addition to reducing pollution, reclaimed water can be generated to achieve water resource reuse. Current processing plant operations are as follows:

- Central District Sewage Treatment Plant:

This is a primary marine discharge processing plant (the maximum designed sewage processing quantity is 900,000 CMD), and mainly collects domestic sewage from Gushan, Sanmin, Yancheng, Cianjin, Sinsing, Lingya, and Cijin. The sewage collection area is approximately 9,725 hectares. This plant is operated, maintained, and managed by the city government, and currently processes about 650,000 tons a day on average.

- Fongshan Water Resource Center: This center was previously a secondary sewage treatment plant with a daily capacity of 109,600 CMD. Since August 2018, a water reclamation plant has been added and put into operation to reuse the effluent. Currently, the center can produce 25,000 CMD of reclaimed water for use in coastal industrial areas. In August 2019 the second phase water reclamation plant is expected to go online and expand the water production capacity to 45,000 CMD. The Fongshan Water Resource Center can be viewed as a consistent and reliable water supply source and can significantly help with the water deficit in the Kaohsiung area.
- Nanzih Sewage Treatment Plant: This is a BOT-based secondary sewage treatment plant with a designed daily capacity of 75,000 CMD (currently operated by Green Forest Development Enterprises Co., Ltd.). The plant mainly collects domestic sewage in Nanzih District, military areas in Zuoying District, and the Kezailiao area, and covers an area of 3,394 hectares. The Cingpu Channel Interception Station terminated interception in January 2015. Currently, the average daily capacity is about 23,000 CMD.
- Dashu Sewage Treatment Plant: Operated by a vendor commissioned by Kaohsiung City Government, this tertiary sewage



treatment plant has a designed average daily sewage treatment capacity of 12,000 CMD. This plant mainly collects domestic sewage from the Dashu District and the Jioucyutang area, and has a collection scope of 454 hectares. Currently, the average daily processing capacity is about 3,000 CMD.

- Cishan and Meinong Sewage Treatment Plant: This tertiary sewage treatment plant has a designed daily capacity of 4,000 CMD and mainly collects domestic sewage in Cishan District and Meinong District. The collection scope covers an area of 669 hectares. Currently, the average daily capacity is about 2,500 CMD.
- Gangshan and Ciaotou Sewage Treatment Plant: The first phase of this secondary sewage treatment plant has a designed daily capacity of 20,000 CMD, and the design allows for upgrading to a tertiary treatment plant in the future. The plant launched a three-year trial operation in December 2018. The first phase plan mainly collects domestic sewage from the Gangshan and Ciaotou Districts under urban planning. The collection scope covers 434 hectares. Currently, the average daily processing capacity is about 10,000 CMD.

(2) Maintenance of sewage systems:

- Since sewage systems in Kaohsiung are built by means of phased construction, more roads have subsided year after year due to corroded old pipelines. Accordingly, sewage pipelines that were built at an early stage are examined to determine whether they need repair or replacement. In addition, the designed capacity within the coverage of sewage collection, sewage pipelines and related facilities, and actual capacity are constantly reviewed to plan countermeasures beforehand and find out

the consistency between the designed capacity and actual capacity, which can serve as reference for subsequent renovations.

- In 2018, the city government funded NT\$ 45,590,000 for the inspection, cleaning, dredging, and repair of sewer pipes. Because the sewage pipes in Zuoying, Gushan, Lingya, Cianjhen, Cianjin, and Sinsing Districts have more damages and fall within the inspection age range, they were given priority for inspection and repairs. The 2018 implementation results are as follows:
  - A. Narrow sewage pipelines were examined via TV: Overall, 4,272 meters of pipes were inspected.
  - B. Pipeline renovation: Overall, 3,266 meters of pipes were renovated.
  - C. Sewage pipeline obstruction elimination: Overall, 2,065 meters of pipes were cleared.

*3. Green space maintenance/management work:*

- (1) Greater Fongshan area: Green spaces in Caogong Canal, Fongshan River, Shanzihding Detention Pond, Shihlong River Detention Pond, Jioufanpi Wetland Park, Gaoping River Daliao Riverside Park, and Jhongyun seawall in Linyuan District were maintained at a cost of NT\$ 21,950,000. Overall, 73,557 square meters of shrubs and flower beds were planted and trimmed and 1,181,610 square meters of lawn planted.
- (2) Greater Cishan area: The green spaces at the Old Railroad Bridge Education Wetland Zone in Dashu District, Siejhang Bridge Nature Park in Dashu District, flood detention pools and riverbank greens in Cishan District, Meinong Reservoir (waters), Jiasian Croquet Field, Wulipu flood detention ponds in Jiasian District, and the greens at the east dyke of Laong River in Liouguei District



were maintained with funds amounting to NTD 6.3 million. Overall, 24,905 square meters of shrubs and flower beds were planted and trimmed and 835,762 square meters of lawn were planted.

- (3) Greater Gangshan area: The green spaces at the Cieding Marine Park, Yongan flood detention pond, Moon World flood detention pond, Cianfongzih flood detention pond, Agongdian River riverside green spaces, Dianbao River Zone Area A flood detention pool, and Dianbao River Area B flood detention pool were maintained with funds amounting to NTD 17,230,000 million. Overall, 205,500 square meters of shrubs and flower beds were planted and trimmed and 4,984,200 square meters of lawn were planted.

#### 4. Soil and water conservation

- (1) The total area of land in Kaohsiung is 294,626 hectares, of which the total area of mountainsides is 218,369 hectares, accounting for 74% of total land. Currently, 111 rivers are at risk of potential debris flow in Kaohsiung. To protect people's lives and property and minimize any damage, the Kaohsiung City Government allocates funds for the mountainside management and disaster prevention projects and the landslide prevention projects every year.
- (2) In 2018, NT\$ 194,980,000 was allocated to river dredging projects. In total, NT\$ 55,500,000 was spent on clearing 3,200 meters of river and removing 860,000 cubic meters of earth. In addition, NT\$ 250,480,000 were budgeted to manage wild rivers. These projects cover an area of 25,000 square meters.

#### 5. Emergency flood prevention

- (1) Currently, the city has 40 pumping stations, 17 interception stations, and 5 pumping interception stations, totaling 62 stations

(including 13 flood detention ponds). The capacity of the pumping stations amounts to 224.04 CMS. In addition, there are 460 gates and 12 simple pump chambers that can be used to prevent floods during the flood seasons. To improve the efficiency, mobility, and capacity of flood rescue, 118 mobile pumps have been prepared for use during typhoons and torrential rain season. In case of typhoons or torrential rains, pre-allocation of these pumps will be arranged to reduce the possible flood in low lying regions of Kaohsiung City. In addition, the Kaohsiung City Government has signed agreements with the Tainan City Government and Pingtung County Government regarding the deployment of small and medium mobile pumps to strengthen the deployment flexibility and alleviate any insufficiency of pump sets. At the same time, the municipal government is working with all district offices and has provided subsidies (approximately NT\$4,800,000) to commission district offices to repair and maintain small and medium-size pumps less than 8 inches in size (a total of 154 pumps) in different district offices.

- (2) Water pump units and electrical equipment are being updated and expanded as necessary to increase drainage pumping effectiveness. The 2018 county and city river and regional drainage improvement plan includes the implementation of Lotus Pond Interception Updating Project in Zuoying District, the Kaohsiung City Underground Automobile Road Electrical and Mechanical Equipment Updating Project, the Yong'an District Pump Station Equipment Management Project, the Meichang Street Pump Station Equipment Management Project, the Shihluotan Pump Station Equipment Addition and Management Project in Gangshan District, the Kaohsiung City 12-Inch Mobile Pump Purchase Project, and the Kaohsiung City



Second 12-Inch Mobile Pump Purchase Project. The expected cost is NT\$ 132,600,000 and the projects are expected to be completed before mid-2019.

- (3) Kaohsiung City is divided into three areas for flood prevention to provide support for every district office that has insufficient capacity for disaster prevention. The results are outstanding.
- (4) City-level flood and mudslide disaster prevention drills and 35 mudslide disaster prevention advocacies were organized. This is to practice and improve mudslide disaster prevention and rescue and effectively increase the emergency response capability of relevant units. As of 2018, 36 autonomous disaster prevention communities have been established.
- (5) The Kaohsiung City Government carries out dredging of regional drains, small and medium drains, storm sewers, and rivers on a regular basis in response to flood control. The results in 2018 are as follows:
  - Dredging projects of regional drains under the city's jurisdiction: Every year, hydraulic structures are examined before and after the flood seasons or inspection patrols are carried out on a regular basis. The dredging scope includes 115 publicly announced city managed drainages, including regular and emergency dredging and facility maintenance work in three main areas (Gangshan, Cishan, and Fongshan). The 2018 dredging budget was NT\$ 60,000,000. Overall, 14.8 kilometers of drainage were dredged and 27 thousand cubic meters of soil was removed from 7 districts including Fongshan, 42.5 kilometers of drainage were dredged and 75 thousand cubic meters of soil was removed from 11 districts including Gangshan, 64.6 kilometers of drainage were dredged and 46 thousand cubic meters of soil was removed from 9

districts including Cishan. In total, 121.9 kilometers of drainage were cleansed and 165 thousand cubic meters of soil was removed.

- Dredging projects of small and medium drainage systems: In 2018, funds amounting to NT\$ 29,400,000 were subsidized for 27 district offices to carry out dredging projects of roadside ditches and small and medium drainage systems. In addition, each district office proposed dredging plans to the Bureau and the district office implemented the work by division of labor. Sixteen projects were implemented to check and clear channels next to the old Lujhu District Fishermen's Association. In total, 98,110 meters of channel were cleaned and 24,800 cubic meters of soil were removed.
- Dredging projects of storm sewers: To meet regular maintenance and emergency repair requirements, the Bureau implements underground storm sewer inspections in March, June, September, and November in each district annually. In 2018, approximately 28,400 meters of sewers were inspected and 3,280 cubic meters of debris were removed to ensure smooth flow in underground pipes and effective flood prevention function.



Beiwu Drainage Integration Project



Chaishan Flood Detention Park



Ciaotou Sewage Treatment Plant in Gangshan



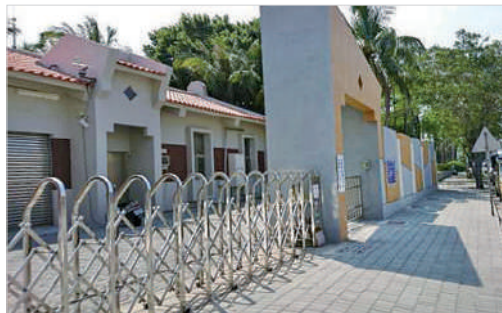
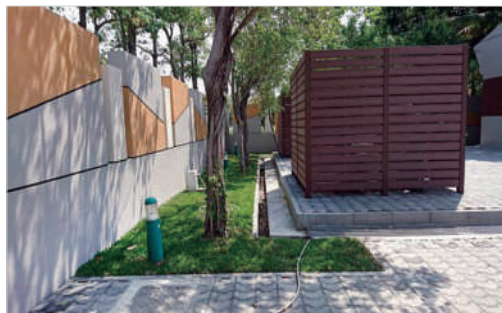
Houjin River (Hueifong Bridge to Singjhong flood control gate) water quality improvement  
- Cingpu ditch on-site water purification



Fongshan Water Resource Center



“Private-participated BOT Project for the Sewage and Reclaimed Water Treatment Plant of Kaohsiung Linhai Industrial Park”



Fongshan River (including Cianjhen River) water environment improvement plan (continued)  
- Cianjhen River interception station landscape rebuilding



Shihluotan Pumping Station





Shihluotan Drainage Renovation Project (Phase 1)



Meinong Reservoir flood prevention improvement project



Cieding District coastal beach rehabilitation and environment building (Phase 1)  
(Highlights-making beach rehabilitation project)



Kaohsiung City Flower Festival by the river



Old street reconstruction and community revitalization project in Cishan District



Riverbank Green Area Maintenance in Kaohsiung City



Kaohsiung City Vehicle Underpass Electrical and Mechanical Equipment Renewal Project



Generator Renewal



Control Panel Renewal



Kaohsiung City Flood and Landslide Prevention Drill



Kaohsiung City Regional Flood Drainage Drill



Emergency Response Center opened during typhoons and torrential rains





2018 Southern Taiwan Forum on Water Management



Dianbao River Area B flood detention pond floating photovoltaic system



Dashan Bridge drainage embankment repair project in Cising Village, Tianliao District



Wild river management project below the Syuanlong Temple in Muzih Village, Shanlin District



Wild river management project at Land No. 317-1, Jhongpu Section, Neimen District



“Cieding District Coastal Environment Building Project (Jhenhai Temple - Singda Port)”






# CHAPTER 4



## Education & Culture

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- I. Educational Development
  - II. School Education
  - III. Social Education
  - IV. Cultural and Recreational Activities
  - V. Mass Communication



## I 、 Educational Development

### *Education administrative organization and funding budget*

The Education Bureau has nine divisions and six offices (including the Division of Senior High School and Vocational Education, the Division of Junior High School Education, the Division of Elementary School Education, the Division of Preschool Education, the Division of Special Education, the Division of Social Education, the Division of Physical and Health Education, the Division of Information and International Education, the Division of Engineering Management, the Secretariat Office, the Military Education Office, the Inspector's Office, the Accounting Office, the Personnel Office, and the Civil Service Ethics Office); it also has jurisdiction over the Social Education Center, the Family

Education Center, and all public and private schools and preschools below the high school level.

During the 2018 academic year, there were 18 colleges citywide. This Government has jurisdiction over 358 public and private elementary, junior, and senior high schools (including 34 senior high/vocational schools, 79 junior high schools, 241 elementary schools, and 4 special education schools). In addition, this Government has jurisdiction over 23 junior high school with extension education programs, 15 elementary school with extension education programs, 5 international schools, and 658 private and public preschools (including 211 municipal preschools and preschools attached to elementary schools).

In 2018, this Government provided NT\$ 41,895,727,000 in education funding (see Table 4-1).

Table 4-1 List of the Expenditure Budget and Increase Status of the  
Education Bureau, Kaohsiung City Government

Unit : NT

Year	Total budget for the City	Education Bureau's budget	The proportion of the Education Bureau's budget in the city's total budget in percentage	Growth percentage
2014	126,973,187,000	41,990,654,000	33.07	1.27
2015	123,425,220,000	42,332,745,000	34.30	0.81
2016	120,354,493,000	42,823,593,000	35.58	1.16
2017	128,799,990,000	42,124,088,000	32.71	-1.63
2018	129,165,402,000	41,895,727,000	32.44	-0.54

Data source: The 2018 Kaohsiung City agency budget comparison table





## *Expansion and updating of school facilities and equipment*

To build a superior learning space and make the teaching site's facility/equipment more complete, this Government had set aside an education development foundation budget of NT\$ 1,624,983,000 in 2018, as well as approved the processing of approximately NT\$ 1,182,798,000 for a total of NT\$2,807,781,000. The funded items are as follows:

1. Subsidies to this Government's schools at all levels amount to approximately NT\$1,379,764,000. The subsidies are used for purchasing teaching equipment (such as characteristic development teaching, basic teaching and learning, and books), improving the teaching environment (such as replacing classroom lighting, school building waterproofing and insulation, bathroom repairs, drainage improvements, and monitoring systems), providing students with a friendly learning environment, and setting up school community shared reading stations and community diverse learning centers. The goal is to vitalize campus space, promote community learning, and benefit the development of school education.
2. Subsidies of approximately NT\$ 819,266,000 were granted to this Government's schools at all levels to demolish old school buildings, improve school buildings' earthquake resistance or rebuild them, and repair damages caused by campus disaster.
3. Subsidies of approximately NT\$169,621,000 were granted to this Government's schools at all levels to build covered courts and tracks, improve physical education sports environment, and purchase physical education equipment. The goal is to build a high-quality and safe sports environment to promote the development of physical education and sports.
4. Subsidies of approximately NT\$ 287,930,000 were granted to this Government's elementary and junior high schools for campus digital building projects (including the establishment of campus smart networks and smart classrooms), and to develop mobile learning and programming education promotion plans. The objective is to help promote this Government's elementary and junior high schools' information equipment infrastructure environment and information education operations.
5. Subsidies of NT\$ 75,949,000 were granted to this Government's preschools (including those attached to elementary schools and non-profit ones) to improve their teaching environments facility/equipment. Dedicated children's shuttles and additional second-hand toy library equipment were purchased to supplement public educare service starting equipment.
6. Subsidies of NT\$ 24,293,000 were granted to this Government's schools at all levels for updating and purchasing special education teaching equipment. NT\$ 50,958,000 was used to improve and upgrade campus barrier-free facilities and to realize campus safety maintenance.



## II 、 School Education

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### *Higher Education*

The competent authority for this item is the Ministry of Education. The number of colleges and universities managed by this Government ranks number three in Taiwan, only fewer than Taipei City and New Taipei City. National Kaohsiung University of Science and Technology that merged and was established on February 1, 2018 is the largest university of science and technology in Taiwan and the second largest public school in Taiwan. It benefits students in Southern Taiwan because of its proximity, while increasing the quality of education for the public. It has also taken advantage of the government's sister city exchange policy to set up the Kaohsiung City International Student Scholarship. This scholarship encourages international students to enroll in this Government's colleges (students from sister cities have priority in enrollment).

### *The Open University of Kaohsiung*

Founded in 1997, the Open University of Kaohsiung is the only open university established by the local government in Taiwan. It has six departments: Department of Law and Political Science, Department of Industrial and Business Management, Department of Mass Communication, Department of Foreign Languages and Literature, Department of Culture and Arts, Department of Technology Management, and a General Education Center. From its establishment to the spring semester of 2018 academic year, over 42,000 students have enrolled at the University. Among them, 23,500 are current students who have taken courses. By the fall semester of 2018 academic year, 7,600 students graduated. On average, over 3,500 students attend the University each semester

(including summer and continuing education courses). The Open University of Kaohsiung is Kaohsiung City Government's Subordinate 1st-level institution and a university missioned with social education and life-long learning. The University's governance motto is "transformation, innovation, diversity, cooperation, and service." A "practice-oriented and happy university" is how the University defines itself. It provides adults with diversified learning under the following favorable admission conditions: education qualifications are not required; there is no need to pass the college entrance exam; students can work while studying; the tuition is reasonable; digital learning, flexible learning, urban learning, and life-long learning are available. It can satisfy the diverse learning needs of city residents so that learning is not limited by time or space.

### *Senior high/vocational school education*

This Government has seven national senior high schools (235 classes with 8,266 students), 19 municipal senior high schools (649 classes with 22,433 students), 5 private senior high schools (241 classes with 8,471 students), 5 municipal vocational high schools (349 classes with 11,277 students), and 5 private vocational high schools (291 classes with 9,768 students) under its jurisdiction.

Senior high school education focuses on cultivating students with academic potential, whereas vocational high school education emphasizes learning practical skills and obtaining certification. Important measures are as follows:

#### *1. Promoting the multiple admission program for senior high schools*

In response to the central government's promotion of the 12-year basic education policy,



Kaohsiung has planned the friendliest ways to enroll in school. This Government has organized examination-exempt enrollment and characteristic recruitment according to the Multiple Admission Regulations for Processing Students into Senior High Schools. This encourages students to develop according to their aptitude and ability, as well as suitably provide junior high school students with guidance on diversified learning.

### *2.Promoting optimization of senior high/vocational schools*

The Ministry of Education's Vocational High School Optimization Subsidy Program and Senior High School Optimization Subsidy Program are combined to advance senior high/vocational school optimization and to promote the school optimization plan aiming to "optimize, specialize, and diversify". The objective is to improve the quality of senior high/vocational schools and enhance student learning and career development results.

### *3. Developing basic science education*

We have promoted the natural science experiment guidance plan, realized promotion and guidance teacher visitation in science education, improved the research ability of gifted mathematical students, and encouraged students to participate in various national or international competitions, while co-developing nature exploration and hands-on course material via junior high school, senior high/vocational school and college strategic alliances.

### *4.Experimental education: encouraging innovative education concepts*

To promote innovative experimental education, this Government has established the Non-School Type Experimental Education Review Committee and the School Type Experimental Education Review Committee. The goal is to actively establish a comprehensive and diversified experimental education environment and use the flip education system, courses, and teaching methods to

demonstrate Kaohsiung education's diversity and innovation.

### *5.Promoting reading education and expanding students'learning perspective*

We have promoted the iStudy Learning Platform plan and organized cross-school thesis camps and Towards the Sea of Books: Inter-School Reading Competition to promote knowledge exchanges among students, while increasing reading fun and improving the theme reading creativity and appraisal ability of senior high/vocational school students via fun competitions.

### *6.Promoting industry-academia cooperation and building an education partnership relationship*

For example, we have worked with nearby technical colleges and industries to conduct industry-academia collaboration plans, while negotiating with vendors about sharing their facilities via flexible learning. We have provided job opportunities or subsidies for senior high/vocational school student-based career type while students are attending school. We have used vocational high schools to organize basic professional training and vocational colleges to conduct high-level professional cultivation. We have worked with industries to conduct internships to meet education and career demands.



(Kaohsiung Industrial High School, National Kaohsiung University of Science and Technology, and LiteOn signing a contract on offering professional programs)



### *7. Promoting skills-based education to improve career development education*

We have developed junior high school skills-based education and conducted student career aptitude tests. We have guided students to advance to subjects or practical skills courses related to vocational high schools. We have promoted career development education so that students can build their career files. We have also combined class learning with industry learning, developing cooperative education classes and giving full play to the advantages of teaching sandwich courses.



Junior High School Skills-based Education Competition (hairdressing in the home economics group)



Junior High School Skills-based Education Competition (food catering service in the food and travel group)



Junior High School Skills-based Education Competition (Chinese and English document processing in the business management group)



Junior High School Skills-based Education Competition (pet grooming in the agricultural group)



Table 4-2 Kaohsiung City senior high / vocational school education development overview

Type	Academic Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Statistics													
Municipal senior high/vocational schools	Number of schools	18	18	18	18	18	24	24	24	24	24	24	24	24
	Number of Class	810	814	815	810	821	932	936	934	932	932	1005	998	998
	Number of Students	30,338	30,502	30,727	30,860	31,127	34,966	35,330	35,485	34,870	34,486	35,541	35,019	33,710
Private senior high/vocational schools	Number of schools	10	10	10	10	10	10	10	10	10	10	10	10	10
	Number of Class	494	493	462	463	468	474	478	447	414	395	607	569	532
	Number of Students	22,831	22,833	21,960	22,204	22,147	22,019	21,583	19,666	17,478	16,411	23,072	20,801	18,239

Data source: Kaohsiung City Government's Education Bureau

Note: The continuing education departments (schools) were included in the statistics from the 2016 academic year onwards.

## *Junior high school education*

This Government has three national junior high schools (39 classes with 1,162 students), 89 municipal junior high schools (2,623 classes and 65,396 students), and eight private junior high schools (110 classes and 3,456 students).

Junior high school education needs to focus on adaptive education and mental/physical guidance that constitute the approach: teaching students in accordance with their aptitude, so that students can give full play to their potential, build their self-confidence, and affirm themselves. Important measures are as follows:

### *1. Promoting teaching normalization and improving teaching performance*

We have concentrated the organization

of normal class grouping for newly admitted students in computer classes and allocation of homeroom teachers to normalize teaching. We have actively conducted studies in various fields and encouraged teachers to further their studies. We have implemented teachers' professional development evaluation to realize normal class grouping and teaching normalization visits. We have also provided guidance on improving teaching knowledge and educational quality.

### *2. Developing science and technology education*

We have established teaching resource centers. In coordination with the emphasis on "do, use, and think" in the technology field in the new curriculum, we have focused on science and technology education courses and teaching



improvement studies. We have also organized various competition events to trigger learning ability and build students' self-confidence. We have organized student creative talent competitions to improve students' learning results and cultivate independent thinking and their problem solving skills.



Organizing Kaohsiung City elementary and junior high school science fairs: Kaohsiung Municipal Chung Shan Junior High School simulating light rail operations



Organizing Kaohsiung City elementary and junior high school science fairs: Setting up a VR glasses experience area in Jhenchang Elementary School

### *3. Promoting reading education*

We have promoted plans to improve junior high school students' reading ability. We have established the digital reading evaluation platform "Happy Read." We have selected 188 outstanding books and shipped the books to the classrooms so that urban and rural children can enjoy the same level of reading and learning resources.

### *4. Organizing learning improvement plans to improve students' learning results*

We have expanded the organization of learning improvement plans and increased learning activities for low-achieving students to improve their learning and ensure education quality. We have improved disadvantaged students' school achievements to realize the ideals of equal education opportunity and social fairness and justice.

### *5. Promoting friendly campus work*

We have integrated teaching, student affairs, and guidance work. We have trained teachers to develop their ability in relation to student guidance. We strengthened school staff's guidance concept and advocated restorative justice as a response to campus bullying and conflict events. We have established a zero physical punishment, zero refusal, and zero bullying campus culture.

### *6. Realizing student psychological guidance and counseling*

This Government's student guidance and counseling center is the first professional student psychological guidance and counseling agency in Taiwan. After the city-county consolidation, the center established branches in seven schools: Minzu Junior High School, Da-Yi Junior High School, Cianjhen Junior High School, Youth Junior High School, Zhongyi Elementary School, Cishan Junior High School, and Lujhu High School to integrate and improve the center's service quality. The center has actively expanded its service range to provide close-by service.

### *7. Promoting marine education*

We have developed local marine education courses, created a marine education environment, and combined universities and social education agencies into a strategic alliance. The goal is to build a marine education support network and cultivate students' basic marine knowledge by



increasing marine education activities and exchange visits.



2018 Kaohsiung City marine education friendship tour



Marine education seed teachers: Encouraging research ships to visit

Table 4-3 Kaohsiung City junior high school education development overview

Type	Academic Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Statistics													
Municipal junior high schools	Number of schools	39	39	39	39	88	88	88	89	89	89	89	89	89
	Number of Class	1,684	1,926	1,853	1,854	3,228	3,261	3,247	3,239	3,180	3,011	2,816	2,701	2,623
	Number of Students	58,238	59,976	59,432	58,629	99,077	94,392	91,479	89,788	85,984	79,264	72,090	68,435	65,396
Public and private junior high schools	Number of schools	7	8	8	8	12	11	11	11	11	11	11	11	11
	Number of Class	128	129	130	131	161	161	158	161	159	162	156	152	149
	Number of Students	5,201	4,963	5,086	4,735	5,608	5,446	5,483	5,518	5,328	5,311	4,828	4,703	4,618

Notes:

- 1.The statistics include junior high schools attached to senior high schools, but do not include special education schools.
- 2.Data source: Kaohsiung City Government’s Education Bureau



## *Elementary School Education*

This Government has one national elementary school (six classes with 170 students), 242(including 1 primary and secondary school) municipal elementary schools (5,050 classes with 121,176 students), and four private elementary schools(57 classes with 1,328 students) in its jurisdiction.

The objective of this Government’s elementary schools is to build a warm learning environment and develop a healthy personality in students by using different evaluations and emphasizing parent-teacher cooperation. Important measures are as follows:

### *1. Developing local education and setting roots in local feeling*

We have established and convened a local education promotion committee and implemented Taiwan Native Language Day and World Native Language Day activities. We have compiled local teaching materials and taught native languages. We have organized multicultural activities and taught students about local sites. We have conducted local field trips.

### *2. Helping disadvantaged students learn and realize social fairness and justice*

We have subsidized after-school care classes and clubs, as well as nighttime angel (afterschool student care) and remedial teaching projects. We have organized education priority areas, education savings and collection agent fee reductions to reduce disadvantaged students’ burden.

### *3. Making the guidance teacher system more complete and cultivating a healthy personality in students*

We have added part-time and full-time elementary school guidance teachers. We have established a group supervision system and planned related ability improvement courses. We have combined resources of student guidance and

counseling centers, and helped students adapt to life via initial prevention, secondary guidance, tertiary referrals, and early discovery and early intervention.

### *4. Encouraging teachers’ professional growth*

We have promoted teaching advancement plans, and organized teacher profession development implementation plans and teacher profession learning groups. We have promoted teachers to conduct and publish action research to improve their teaching efficacy. We have subsidized teaching excellence awards such as Best Education — KDP competitions. We have driven teachers’ professional development via competitions.

### *5. Promoting reading education and cultivating students’ autonomous reading ability*

We have set and promoted overall reading plans. We have drafted reading education indices and built the iReading Games website. We have used a lively, autonomous, and interactive learning model to teach students to love reading. We have planned ability improvement studies for teachers and subsidized schools’ purchase of books and library repairs. We have conducted reading education that emphasizes both quality and quantity.



iReading expert book selection meeting





Subsidizing schools in purchasing books and repairing libraries

*6. Cultivating students' art education and developing their aesthetics and creative abilities*

We have promoted aesthetic education, while integrating corporate and private resources. We have made course material more comprehensive, reconstructed campuses' aesthetic environment, and improved faculty's aesthetic awareness. We have organized the Kaohsiung Fun Arts Summer Festival and used children as the theme. We have focused on art education and the breadth of courses. We have had domestic and international teams perform in Kaohsiung to create children's art carnivals and learning results with an international perspective.



Kaohsiung Fun Arts Summer Festival: Dance Class Opening Performance



Kaohsiung Fun Arts Summer Festival: Magic Stage



Kaohsiung Fun Arts Summer Festival: Rural Campus Tour (Paolo Nani Theater from Denmark)



Kaohsiung Fun Arts Summer Festival: Mannequin Art Parade



Table 4-4 Kaohsiung City elementary school education development overview

Categories	Academic Year Statistics	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
		Municipal elementary school	Number of schools	87	87	88	88	240	240	240	240	241	242	242
	Number of Class	3,604	3,413	3,722	3,258	6,082	5,988	5,860	5,580	5,481	5,548	5,164	5,051	5,050
	Number of Students	113,109	108,436	105,061	97,179	170,860	165,149	150,416	139,599	135,819	133,770	130,572	125,984	121,176
Public and private elementary schools	Number of schools	5	5	3	4	5	4	5	5	5	5	5	6	5
	Number of Class	50	55	26	32	41	42	42	44	48	54	54	60	63
	Number of Students	1,486	1,549	513	766	914	889	938	985	1,081	1,167	1,068	1,425	1,498

Notes:

1. 'National elementary school' refers to the elementary school attached to the Affiliated Junior High School of National Kaohsiung Normal University. 'Private elementary school' refers to an elementary school attached to a private senior high school (excluding international schools).
2. The number of classes does not include art, physical education, and special education classes.
3. Data source: Kaohsiung City Government's Education Bureau

## Early Childhood Education

This Government has 211 public preschools, 17 non-profit preschools, 420 private preschools, and one village mutual-care educare service center with a total of 59,245 students.

This Government is actively guiding the establishment of preschools, adding classes, and setting up non-profit preschools. Funding has been invested to purchase teaching equipment. Funding has also been set aside to subsidize early childhood education and reduce parents' economic burden. Important measures are as follows:



Expanding public education service



Retrospective and Prospective Forum on Non-Profit Preschools



Taiwan-Japan young children's education exchange visit

### *1. Implementing early childhood education subsidization policy*

We have given priority public preschool attendance to low- and medium-income families, children of medium-level or higher mentally or physically challenged persons, and preschoolers with physical or mental disabilities in Kaohsiung. We have organized various preschool subsidies and measures, such as no tuition for five year old children, subsidies for low-and-medium-income families' preschooler education, subsidies for early childhood education and care, and subsidies for children's daycare to ease burden on parents.

### *2. Making preschool teaching equipment and facilities more comprehensive*

We have guided the establishment of preschools and increased the number of classes to increase opportunities for early childhood school attendance. We have subsidized preschool facility/equipment improvement to improve this Government's early childhood education environment and quality.

### *3. Strengthening preschool public safety inspections*

We have implemented regular annual preschool public safety inspections with the Public Works Bureau, the Fire Bureau, and the Department of Health. We have supervised preschools in emphasizing campus public safety to provide a safe and healthy learning environment for young children.

### *4. Auditing and guiding undocumented educare agencies*

We have audited and guided undocumented educare service agencies in becoming legal agencies. Those who have not been documented but continue to operate will be fined. When necessary, undocumented agencies will be continuously fined and forcefully shut down to ensure legal operators' rights and young children's learning quality.

### *5. Processing preschool guidance plans*

We have promoted early childhood education profession and characteristics. We have actively promoted preschool guidance plans. We have developed early childhood educare activities. The goal is to improve preschool educare service and quality, while realizing teaching normalization.

### *6. Increasing public preschool manpower*

To ensure that young children receive adequate education and care, and to make the early childhood education and care system more comprehensive, this Government is gradually using public preschool contracts as per the Early Childhood Education and Care Act to increase the number of educare personnel, kitchen staff, employees, and nursing personnel.

### *7. Expanding the provision of public educare services*

To conform to the president's educare policy, this Government is providing reasonably priced, quality assured educare service. This Government is cooperating with the Ministry of Education's policy of rejuvenating this Government's junior high schools by adding space and setting up attached public preschools within four years. As of 2018, 17 non-profit preschools have been established.



## *Special Education*

In addition to the four special education schools, concentrated special education classes, resource rooms, and unclassified tour guidance classes have been set up in elementary and junior high schools. Concentrated special education classes, resource rooms, and tour guidance classes have been set up in senior high/vocational schools to meet the needs of special education students. For gifted students, gifted resource rooms have been set up in elementary and junior high schools. Music, art, dance, and other gifted resource rooms have been set up in schools at all levels according to need. Important measures are as follows:

### *1. Improving professional special education organizations*

We have actively established special education student identification and schooling guidance associations, special education consultation associations, gifted education resource centers, and creative learning centers, while setting up special education promotion committees and other hierarchical organizations in schools. The goal is to build a professional network that provides services to special education students, teachers, and parents.

### *2. Special education zero refusal*

We have processed physical or mental disabilities at all school levels and identified, placed, and guided gifted students. We have established preschool, senior high/vocational school special education classes so that special education can start for children as young as 2 years old and last to college education. We have adjusted the faculty human resource structure to provide special education services at all education levels.

### *3. Promoting appropriate learning programs for special education student*

We have processed “Transition Counselling and Service Plan ” and “Employment Transition Services Plan” for students with disabilities at

senior high School. To provide them appropriate education.

### *4. Caring for physically or mentally challenged students’ schooling rights*

Including reduce or waiver of educational expenses, providing grants/scholarships for economically dis-advantaged students with disabilities, offering rewards for special education students with excellent academic performance, offer fares for special needs students who lack mobility to and for school, rehabilitation buses, other education payments, subsidies and awards referred to in the previous paragraph and other associated matters, and subsidizing audiobooks for the students with learning disabilities and large print and braille books for visual impaired students. The purpose is ensuring the educational rights of physically or mentally challenged students in Kaohsiung.

### *5. Regularly organizing special education evaluation*

We have regularly organized special education evaluation (including gifted category) and training activities to improve the quality of this Government’s professional special education services and administrative management performance, in order to maintain special education students’ educational rights and conform to special education needs.

### *6. Cultivating maker education talents*

We have strengthened campus maker foundations, created student maker stage, increased the promotion of maker courses, cultivated maker teachers, conducted cross-field maker innovation and sharing, and cultivated maker talents via cross-field strategic cooperation between universities, businesses, and private organizations.



Creating the teacher-student Maker stage to organize diverse and rich Maker competitions



Providing Maker communities with interaction sharing: Mosaic inlay



Organizing elementary and junior high school creative sports meet

### *7. Continuing to promote gender equality education*

We have actively promoted gender mainstreaming concepts and advocated gender equality education according to the 12-year basic education curriculum. A gender equality education committee shall be established in each school to build case reporting mechanisms and processing procedures. The goal is to build friendly campuses with gender equality and without gender bias.

## *Health Education*

We have actively developed a health promoting school policy centered on health services, teaching, and the environment. We have also planned and built a health information management system and healthy campus. Important measures are as follows:

### *1. Promoting this Government's 2017-2019 medium-term diet education plan*

We have conducted teaching module selection based on the supplementary diet education teaching material "Happy Foods in Kaohsiung" (based on foods produced locally in Kaohsiung). We have used the "Diet Education Diversification and Vitalization Courses Plan" to encourage schools to implement diet education in school courses. This will allow students to learn about the close relationships among agriculture, health, and the environment. The goal is to teach students about proper eating habits, increase their understanding of where food comes from, and allow them to get to know Kaohsiung's local food culture.



Diet education teaching module selection

### *2. Expanding the processing of health checkup items and tracking corrections*

We have organized health checkups for 1st-4th graders and first year students in junior high schools. The objective is the early discovery of growing defects and specific diseases in students so that they can be tracked early, corrected, and treated. We have improved students' oral health, visual health, and healthy weight to cultivate active and healthy students.



Student health science audit

### *3. Improving prevention of infectious diseases on campus*

We have implemented the prevention of Dengue fever, enterovirus, flu, and other infectious diseases on campus and increased health education advocacy. We have promoted campus-and individual-based autonomous health management. We have worked with different schools and districts and gone into the community to eliminate sources for Dengue fever. We have provided a comprehensive reporting procedure and school closing regulations.



Infectious disease prevention and education

### *4. Promoting health in schools*

We have worked with hospitals and communities to develop complete and integrated health promotion plans. We have developed health promotion school programs with the local features of Kaohsiung, including sanitation policy, health services, health teaching activities, school physical environment, school social environment, and community relationship.

### *5. Establishing a health school and protecting students' health*

The Education Bureau has signed a memorandum of understanding on the “Siaogang Health School” with Siaogang Hospital. The objective is to use the Hospital’s professional manpower and resources to build a healthy weight control and food management model. The Siaogang Health School promotional model is used to organize the Linyuan Health School, turning Linyuan District into a healthy and happy community, while improving the health of parents and teachers in Linyuan District.

## *Information Technology and International Education*

To welcome the 21st-century digital technology and globalization era, prepare Kaohsiung students for the future, and cultivate citizens with international mobility, the following measures are implemented:

### *1. Develop Educational Cloud Service*

We have maintained and operated the information education center, built an information security cloud, storage cloud (education treasure-trove), video cloud (Dr. Live), and integrated Kaohsiung Open ID mechanisms that link up with the Ministry of Education’s cloud accounts.

### *2. Building a new vision: CODER*

We have used the core context of “Takao, DaCode” to develop this Government’s “Hour of Code” online and physical activity. The goal is to increase schools’ and students’ participation in cross-county, cross-city information strategic alliance activities and cultivate knowledge creators with 5C abilities in the 21st century.

### *3. Establishing mobile learning systems for 8-18 year olds*

We have promoted “Mobile Learning



Professional Learning Communities” and the “Google Lucky Campus and Google International Certification School” in elementary and junior high schools. We have promoted “senior high/vocational school mobile learning” and “mobile learning professional learning community” in senior high/vocational schools. We have linked with the Ministry of Education’s mobile learning plan and “elementary/junior high school digital learning cultivation plan” to build one of Taiwan’s most comprehensive mobile learning systems.

#### *4. Improving the information infrastructure*

We have promoted “rural school information tour and station service” and subsidized schools for information infrastructure building services. We have regularly updated computer classroom facilities/equipment for elementary and junior high schools. We have improved school wireless network environment and integrated remote video conference meeting systems.

#### *5. Promoting digital care plan*

We have added “digital opportunity centers” and organized “digital learning partners” and “international learning partners.” We have built “MOOCs platforms”, “elementary school video conference alliance (Live Show)” and the “urban-rural equality cloud learning plan.”



Kaohsiung Municipal Tzu Kuan Junior High School international learning partners

#### *6. Improving principals’ technology leadership and parents, teachers and students’ information literacy*

To improve technology leadership, this Government has established the “principal information academy” to promote online and physical courses. This Government is also promoting programming education by providing students with learning channels in and out of class (in the form of after-school clubs and camps). This Government also organized events, such as the “Setting Roots in Senior High/Vocational School Information Science Education Plan”, the “Senior High/Vocational School Student Programming Competition” and the “Scratch Information Competition.” In addition, online activities are held for students during their summer and winter vacations, such as participation in the Taiwan School Cyber Fair.

#### *7. Cultivating international and bilingual education courses*

We have maintained and operated the “International Education Resource Center” and operated six integrated-type elementary school English villages. Foreign teachers were introduced to promote all day English village experience camps for fifth graders and English village remote video teaching. Overseas education internships with foreign universities were organized to promote English learning in Kaohsiung City.



2018 autumn-term Iowa internship teacher

#### *8. Expanding youths’ international perspective*

We have organized overseas education trips, Asia student exchange programs, and Kaohsiung city Model United Nations activities. We have provided international students in colleges or above



with student scholarships. We have organized Taiwan-Japan friendship city joint art exhibitions and encouraged schools to make foreign sister schools and increase mutual visitations and courses exchange.



2018 Taiwan-Japan friendship city joint art exhibition



2018 Kaohsiung Model United Nations activity



2018 Asia Student Exchange Program

### 9. Mainstreaming environmental education

A comprehensive environment education promotion and guidance team has been established to plan this Government’s school environment education development plan and carry out the provision of Taiwan’s Environmental Education Act. We have promoted the Environmental Education Green Star Award and organized the Air Quality Purification Area Plan, as well as implemented other sustainable campus modification plans.

### 10. Actively promoting energy education

We have set up this Government’s energy education promotion center. We have implemented energy education activities, such as “Selection of Benchmark Elementary and Junior High Schools Promoting Energy Education”, “National Energy Education Week Activities” and “Energy Technology Education Creativity Competition” to achieve the objective of helping students acquire energy-related knowledge.

### 11. Creating the first dual campus environment teaching and knowledge education center

We have established the “Environmental Education Digital Somatosensory Center” and the “Air Quality Environmental Education Resource Center.” As the first education centers to use virtual reality to implement air pollution environmental education and introduce air quality knowledge, they allow students to understand knowledge related to air pollution and protective behavior, by using games.



Unveiling of the environmental education digital somatosensory center

### 12. Promoting New Southbound Education Policy to increase international exchange

With language as the method and cultural awareness and industry talent cultivation as the theme, we have increased exchanges and links





with Southeast Asian countries. We have organized cultural exhibition activities and actively developed teaching materials and cultivated new immigrant language teachers. We have encouraged new immigrant students to participate in root-finding plans and summer vacation overseas internships, and local students to come and study in Taiwan.



2018 Daliao International Campus: Muslim culture month



Class situation for teaching support staff in the 2018 Kaohsiung City Vietnamese language elite class



2018 New Southbound seed international workplace experience: Arriving in Vietnam



2018 New Southbound seed international workplace experience: Students experiencing production line work



Signing an MoU with the Jakarta Taipei School in 2018



### III 、 Social Education

#### *Social education institutions*

##### *1. Kaohsiung Public Library*

With an objective to serve the public, Kaohsiung Public Library provides books and information services, promotes social education, and organizes cultural activities. Services are provided in our facilities throughout all the administrative districts including the main library, Kaohsiung Literature Library, Gushan, Cijin, Zuoying, Youchang, Lingya, Sanmin, Sinsing, Yancheng, Cianjhen, Baoju, Southern Gushan, Cueiping, Yangming, Nanzihkeng, Zuoxin and Siaogang Branches, Sinsing Public Reading Room. After the combination of Kaohsiung County and Kaohsiung City on Dec. 25, 2010, there are many branches including Kaohsiung Cultural Center, Gangshan Cultural Center, Gangshan, Yanchao, Ciaotou, Ziguan, Ziguan Chihdong, Mituo, Mituo Park, Yungan, Jiading, Luzhu, Hunei, Alien, Tianliao, Jhonglun, Fengshan Second Library, Caogong Branch in Fengshan, Tashu, Tashu Second Library, Tashu Third Library, Renwu, Chengguan, Tashe, Niaosong, Daliao, Linyuan, Linyuan Second Library, Chishan, Meinong, Jiaxian, Neimen, Neimen Neipu, Nimen Muza, Neimen Gouping, Shanlin, Liugui , Dadong Arts Library, Jhongjhuang, Caoya, Heti Branch and Lee-Ko-Yung Memorial Library. The greater Kaohsiung area now has 1 main library, 59 branches and 1 reading room. There are Reading Room for Children, Family Reading Area and Information Retrieval Area in each branch. In addition, some branches hold characteristic collection to meet the needs of its patrons, such as reference information for studying abroad in southern Taiwan, Law information, local literature, visual impairment information, information for simplified Chinese, comic books, popular science books and ecological

conservation are established in the library. The service covers all administrative areas in the City and provides multiple channels for the citizens to acquire information and resources.

On September 1, 2017, Kaohsiung Public Library was the first one that officially transformed into the Non-Departmental Public Bodies featured with higher efficiency and greater financial flexibility. The Kaohsiung Public Library has continuously devoted itself to reaching the goal of “Reading Promotion Project”. With an aim of completing the “Reading blueprint: one district one library”, the Kaohsiung Public Library inaugurated the Cishan and Lee-Ko-Yung Memorial Library in June and August 2018 respectively.



The Kaohsiung Public Library inaugurated the Cishan branch Library on Jun.30, 2018.



The Kaohsiung Public Library inaugurated the Lee-Ko-Yung Memorial Library on Aug. 2, 2018.



From the merger of Kaohsiung City and County so far, over 5.94 million of library collections in 60 libraries in Kaohsiung City had been linked together to provide seamless connections and the most convenient service for citizens. For popularizing the reading habit in this city, in 2017, the book loan amount by Kaohsiung citizen reached over 11.8 million, average about 4.27 volumes per person. At the same time, Kaohsiung Public Library provides e-book service such as Taiwan Cloud Library @ Kaohsiung. In 2018, the platform had a collection of over 36,498 items, the number of users was 80,079 people, and the cumulative number of books was 985,639 volumes. It shows that the read rate, competitiveness and education force in Kaohsiung have been increased entirely.

## *2. Kaohsiung Museum of Fine Arts (KMFA)*

The Kaohsiung Museum of Fine Arts is located in the Neiweipi Cultural Park in the northwestern part of Kaohsiung. Opened in 1994, KMFA has four aboveground floors and one basement, containing a sculpture hall, galleries, a library, and an auditorium that can accommodate up to 368 people. The museum building has a floor area of approximately 27,500 square meters. The park outside the museum occupies 40 hectares and contains wetlands, trails, sculptures and a plaza with a fountain. The museum and the park as a whole offer a multifaceted space with artistic, cultural, recreational, and ecological functions.

Since its inauguration, KMFA has taken becoming a “museum of art history” as its vision. It collects important works by Taiwanese artists and curates thematic exhibitions. KMFA strives to perform its functions of acquisition, research, exhibition and education, helping not only to build up local viewers’ recognition of and pride in local art but also to realize its goals of localization and globalization.

Established in 2005, the Children’s Museum of Art affiliated to KMFA is dedicated to the promotion of art education for the public through

its continuous curation and holding of art education exhibitions suitable for both children and adults. The Children’s Museum of Art also designs and holds art education activities during festivals and holidays in Taiwan to encourage parents and children to have hand-on experiences of artistic creation and enhance their aesthetic experiences. As the first public art museum for children in Taiwan, the Children’s Museum of Art provides a brand-new space of art learning for parents and children.

With its transformation as a public agency on July 1st, 2017, KMFA aspires to fulfill its operational goals of “extending the scope of art research capability”, “building public recognition of the museum collection”, “balanced development of local and international exhibitions” and “improving the museum spaces and services”. By fulfilling these goals, KMFA aims to develop all the functions required to establish an ecological park of arts and cultures closely integrated with the daily life of Kaohsiung citizens.

### (1) Developing Local Perspectives and Discourses of Art and Strengthening Recognition from Visitors

In 2018, KMFA started the plan to establish the “South Plus-the special exhibition from collection” and formulated its new collection strategy accordingly. In addition, KMFA continued with its projects for the local development of art in Kaohsiung such as the “Gallery for Citizens” program series with its focus on local perspectives; the “Forum for Creativity in Art” program with its focus on contemporary discourses; and the Kaohsiung Awards, which combines the art award itself and the brand of Kaohsiung City with the intention to reach and encourage emerging contemporary artists in Taiwan.

### (2) Reviewing the History of Local Art Development and Seeking Cooperation with Art Institutes in Other Cities to Broaden Curatorial Vision

In 2018, KMFA continued to focus Kaohsiung’s local art development by



holding thematic exhibitions. It also continued with its publication of Art Accrediting, a professional bimonthly that keeps up with the latest art trends; exhibition catalogues; and special research reports, including the Sound of Footsteps on the Island—Contemporary Austronesian Art Highlights in Taiwan.

(3) Developing Thematic Characteristics from the Perspective of Kaohsiung City and Broadening Connections with International Museums and Professionals

- Introducing International Exhibitions and establish KMFA’s international partnership: KMFA held the Nude “Masterpieces from Tate” exhibition that won the 4th place in the 2018 Top 10 Excellent Public museum Exhibitions in Taiwan, and the “Still Waters Run Deep” exhibition that won the 1st place and was nominated for the Taishin Arts Award. It also held the “New Old: Designing for Our Future Selves” exhibition curated by the Design Museum in London to exploring issues related to design and global demographical changes, and the “Silver Horizon: 2017 Kaohsiung International Container Arts Festival” to demonstrate Kaohsiung’s big step forward toward becoming friendly city of creative ageing.

- Holding International Forums and Promoting Interactions and Exchanges in Professional Fields: KMFA held the “2018 European Forum—International Museum Academy in Taiwan” and the “The Poetics of Space—International Conference on Lee Kuang-Yu’s Art of Sculpture”. It also continued with its research, exhibition, collection, and promotion activities of the contemporary Austronesian art.

(4) Optimizing the Museum Environment, Holding Feature Activities, and Creating

New KMFA Experiences

In 2018, KMFA continued to optimize its museum spaces and environment. In addition, it introduced third-party stores inside the museum to provide diverse services to visitors, and developed new thematic activities and feature tours of flexible schedules. It also experimented with planning and holding of interdisciplinary activities to develop more diverse audience groups. The operation and exhibition curation of its Children’s Museum of Art in 2018 also demonstrated KMFA’s attention to the development of children’s artistic and cultural literacy and its determination and vision to cultivate KMFA’s future audience among children.

(5) Connecting Social Resources and Reaching Communities throughout Kaohsiung

In 2018, KMFA continued to explore possibilities of volunteer service development and volunteer group management. It also put in place a membership system to promote its customer loyalty and developed new mechanisms of participation for the public. At the same time, it broadened methods of social participation, channeled in the energy of private sector, and developed more programs of art education and promotion to extend its influence to communities in every corner of Kaohsiung.

*3. Kaohsiung Museum of History*

Since the City Government office building moved to No. 2, Sihwei 3rd Rd., Lingya District on January 18, 1992, the old office building has been converted into the Kaohsiung Museum of History. It aims to help citizens appreciate the traces of urban development by exhibiting precious artifacts, researches, and promotional events. Historical relics and materials concerning the Kaohsiung region are collected either through purchases or donations. These materials are systematically organized, preserved, and digitized for keeping.



They are also made available for authorized use upon request with the goal of demonstrating the historical and cultural development of Kaohsiung and recording the citizens' life. There are currently more than 16,000 objects in the collection. The Museum also invites domestic and foreign museums to exhibit their special collections to offer wider vision for the general public. The Museum also provides permanent exhibition of Kaohsiung history with multimedia and interactive experience supplementary to the exhibition of artifacts as an effort to promote hometown awareness and history among the general public. It is further expected that the Museum may serve as the portal for domestic and foreign visitors to learn the history of Kaohsiung and the center for research and education of Kaohsiung history and culture. Consolidation of the City's historical relics and intangible cultural assets are pursued after the merger with Kaohsiung County, including paying visits, making site inspection, designating and registering the historic sites, and working on the subsequent preservation and maintenance measures. Other tasks include compiling and printing the City's journal *Kaohsiung Historiography*, as well as publication of other book series such as *Compendium of Materials on Kaohsiung History*, *Cultural and Historical Collections of Kaohsiung*, and *Kaohsiung Study*, etc. Moreover, regular history lectures are offered at the Shibo Auditorium, and oral history interviews and elders' talks are also held periodically. The Museum also maintains the Confucius Temple, The Center of Old Fongshan City History, Farewell 886-Cultural Park of Taiwan Military Veteran Village, Theme Hall of War Memorial Park, Takao Railway Museum, Hamasen Museum of Taiwan Railway, The Kua Ki Hua House, Kaohsiung Museum of Shadow Puppet.

At the end of 2014, the Kaohsiung Literature Resource Center was established, and it is located on the third floor of the museum. It purchases and collects important research documents in Taiwan and has invited Wakabayashi Masahiro, Wu Micha, Jhang Shoujhen, and other important scholars in Taiwan history to donate their collections of

books. Also in the collection are the reprinted "The Takao News", "Tainan New Post", "Taiwan Daily", "Compendium of Materials on Taiwanese History", "Compendium of Materials on Kaohsiung History", and "History of Takao Port Construction", etc. And other documents while providing an online digital database, so that paper resources and digital data can complement each other. It aims to become a prominent research center specializing in the study of southern Taiwan.

On January 1, 2017 the center was transformed into an administrative institution-the first of its kind in Taiwan that was established by a local government. Hopefully in the future, it will find a way out of the predicament of funding and staff recruitment, bring in the spirit of enterprise management, and become an important milestone in the city's cultural administrative organization.

#### *4. Kaohsiung Film Archive*

Established in November 3rd, 2002, Kaohsiung Film Archive (KFA) is the first art venue that specifically promotes the film culture in southern Taiwan, and organizes film festivals, special screenings, and exhibitions of various themes to encourage the public to absorb the art of film culture. On the first floor, you can find a salon alongside film related publications and a merchandise area where KFA holds exhibitions and symposiums. The second floor is equipped with a small screening room with 35 seats and individual screening spaces of 20 seats. On the third floor, you can find the big screening room, which contains 137 seats and 2 handicapped seats. As for the outdoor area, you can find the Star Plaza, the Avenue of Stars, and Exhibiting Wall. KFA has now a collection of 7,000 pieces of cinema relics and 6,300 volumes of books in Mandarin Chinese and foreign languages. Additionally, the archive provides more than 20 types of journals and 7,600 films. KFA opens daily (except on Mondays), screening films on tailored themes daily, providing a diverse, and excellent venue of different ranges of films for the public.



Kaohsiung Film Archive

Since November 30th, 2018, VR FILM LAB has launched in Pier-2 Art Center with its grand opening. VR FILM LAB is proud to be to represent its daily, and only screening experience from 8K Stereoscopic Virtual Reality in Taiwan.



VR FILM LAB

## *Adult and Family Education*

The focuses of this Government's promotion of adult and family education are as follows:

### *1. Organizing adult basic education classes to lower the illiteracy rate*

This Government has organized adult basic education courses in elementary and junior high schools to lower the illiteracy rate of Kaohsiung residents and improve new immigrants' reading, writing, speaking, and listening ability so that they can acclimate to Taiwan life as soon as possible.

### *2. Promoting life-long learning and organizing community colleges and citizen academies*

We have organized citizen academies and education promotion classes in the social education center. We have also established five community colleges to turn Kaohsiung residents into community development talents and modern society citizens.

### *3. Promoting senior education and helping seniors to live an active life*

We have allowed civil societies to use empty classrooms in Kaohsiung's elementary and junior high schools to set up senior learning centers and actively expand locations. We have organized relevant senior learning, intergenerational education, and other courses and activities. We have worked together to prevent and delay aging in seniors and make them happy while learning.

### *4. Guiding the healthy development of short-term tutorial schools and after-school child care service centers*

We have improved the supervision and management of tutorial schools and after-school child care service centers. We have regularly conducted seminars to improve regulation awareness and public safety. We have improved advocacy of protection for children, gender equality, public safety and class processing technology. We have subsidized the documented private after-school child care centers for educate for disadvantaged students to benefit students.

### *5. Making good use of the Social Education Center to organize various activities and seminars given by well-known people*

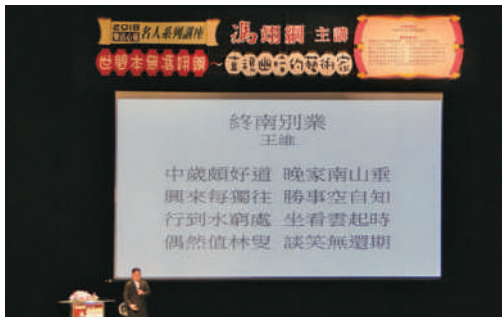
We have set up life-long learning and sport and leisure sites in the Kaohsiung Municipal Social Education Center that are suitable for the public, such as auditoriums, lecture halls, physical education halls, paintball fields, basement entertainment facilities, and education promotion classrooms. We have regularly invited well-known people to come and give exciting speeches. This



has been welcomed by the public and become the most characteristic lecture in Kaohsiung.



2018 Happy Spirit seminar series: Lang Tsu-Yun



2018 Happy Spirit seminar series: Feng Yi-Kang



2018 Happy Spirit seminar series: Chiang Hsun

### 6. Continuing to promote the 2018-2021 medium-term family education plan

The mayor has served as the chairman of the family education advisory committee, and will integrate resources from various bureaus and departments, schools, and civil societies to promote this Government's family education. We have organized education courses on parenting,

children, gender, marriage, loss of parent, multiple culture, and family resource and management. We have cultivated correct marital and family concepts in city residents. We have improved family management abilities and promoted family happiness.



Advocating the loving and filial family model and promoting ethics education

### 7. Developing outstanding diversified family education services

We have advocated correct parenting education attitude and improved co-parenting and family relationships for single parent families, children raised by grandparents, new immigrants, indigenous people, the physically or mentally challenged, single people, and other target families with special situations that require high level of care. This is done by using strategies such as “participating in bureau/department network cooperation meetings and linking family education learning and service resources”, “training volunteers to assist with consultation services” and “cultivating seed lecturers and organizing growth group courses.” This is expected to improve the family function of target families and achieve the objective of initial prevention.



2018 new immigrant family parenting

### *8. Cultivating family education volunteers and improving service quantity and quality*

We have cultivated family education volunteers and improved service quantity and quality. We have organized “family education presentation skills and practice drills, outstanding interpersonal communication skills, communication software and family education activity marketing, and diversified parenting education theory and practice” to train volunteers that promote the activities. Guidance and counseling volunteers have organized “guidance on Internet addiction or improper use of the Internet, focusing on the application of solution theory techniques and rehearsal, and marriage communication and conflict resolution” training to improve their professional knowledge. This Government provides the public with the family education consultation service hotline: 412-8185 and advocacy with the assistance of the volunteers.



Performance by the family education mobile theater in schools

## *The Senior Academy and Community-Based Senior Academy*

The Senior Academy was founded by the Social Affairs Bureau in 1982 to offer Kaohsiung senior citizens lifelong learning opportunities. In addition, the Social Affairs Bureau established the Community-Based Senior Academy in 2005 to offer senior citizens a convenient learning environment and to integrate community resources to meet the educational needs of senior citizens. In 2018, a total of 680 courses were offered, with 29,529 students enrolled.



The Senior Academy - energetic exercises

## *Growth of Women*

The Women, Children and Youth Activity Center and the Women’s Center were established by the Social Affairs Bureau to provide a space dedicated to women’s personal growth and career redevelopment, encouraging women to acquire new knowledge, achieve self-improvement and participate in social services and public affairs, as well as promoting gender equity. Empowerment programs for community women offered by the centers were as follows:

1. Women’s Community College: a total of 911 courses were held, with 19,911 participants.





Women's Community College - students of empowerment program

2. Womenomics – Kaohsiung Womenomics Empowerment Project: 83 sessions were held, with 1,114 participants.

3. Initiative to Consolidate Older Women's Power in Urban and Rural Areas: 32 sessions were held, with 2,745 participants.
4. Women's Development Program – Advancing Women's Power: 108 sessions were held, with 3,316 participants.

## IV 、 Cultural and Recreational Activities

### *Recreational Sites*

#### *1. Parks, Green Spaces & Children's Playgrounds*

To offer citizens recreational sites, 679 parks, green spaces, and children's playgrounds that account for an area of 2,509.5973 hectares were constructed in accordance with the Kaohsiung Urban Planning as of the end of December 2018.

The distribution is shown in Table 4-5.



Table 4-5 Distribution of Parks, Green Spaces, and Children's playgrounds Constructed in Kaohsiung City

Category	Park		Green Space		Children's Playground	
Item Distribution	Area (Hectare)	Number	Area (Hectare)	Number	Area	Number
Sanmin District	138.9216	38	4.3734	10	3.2005	13
Cianjin District	16.4500	3	0	0	0	0
Yancheng District	4.2883	3	5.2411	6	0	0
Sinsing District	2.8300	3	0	0	0	0
Lingya District	29.1694	15	9.2921	14	0.9851	7
Gushan District	1010.7654	14	3.0979	9	3.0158	12
Cianjhen District	41.2085	28	13.3533	21	4.5053	19
Zuoying District	123.2160	23	2.8627	5	1.8542	11
Cijin District	38.1492	4	4.8691	3	0.1067	1
Siaogang District	72.8880	21	8.1390	21	7.8255	38
Nanzih District	168.7743	29	147.6498	8	2.6217	15
Fongshan District	130.9856	115	9.7563	19	0	0
Niaosong District	203.7730	22	0.04	1	0	0
Renwu District	28.0211	21	1.4451	4	0	0
Dashe District	4.8729	5	0	0	0	0
Dashu District	1.7032	2	0	0	0	0
Linyuan District	13.3493	12	0.1958	3	0	0
Daliao District	8.4117	7	0.3961	1	0.4112	2
Gangshan District	37.9912	10	0	0	0.2189	1
Zihguan District	4.4390	5	0.1396	2	1.1514	4
Mituo District	1.6958	1	0	0	0	0
Hunei District	1.0738	6	0	0	0	0
Ciaotou District	8.3260	8	1.1823	3	0	0
Yanchao District	0.5653	3	0	0	0.3411	2
Alian District	0.8265	4	0	0	0	0
Yong-an District	0	0	0	0	0	0
Cieding District	141.4548	7	0.6750	2	0.6840	3
Lujhu District	3.9778	4	0	0	0	0
Cishan District	30	1	0.1903	1	0.2738	1
Meinong District	0.4455	2	0	0	0	0
Jiasian District	0.9300	1	0	0	0	0
Total	2269.5032	417	212.8989	133	27.1952	129

Source: Maintenance Office, Public Works Bureau of Kaohsiung City Government



## 2. Community Centers and Venues

There are a total of 59 senior citizen activity centers in the City. To enhance the promotion of elderly welfare work, provide senior citizens with comprehensive services including leisure, entertainment, education, day care, rehabilitation and counseling, and make advanced planning and promotion in response to the future needs of an aging society, the Senior Citizen's Service Center was established in 1997. The Center aims to serve senior citizens aged 55 and above in the City. It provided services 1,402,263 times in 2018.

In addition, efforts were made to enrich the service functions of the 58 local senior citizen activity centers to provide convenient activities for study and recreation, health improvement, senior education and outreach tours, offering welfare consultations and building community resource and human resource platforms. In coordination with volunteer team capacities from various centers, food delivery programs, visiting and caring services for seniors that live alone have also been organized. In all, services were provided a total of 1,969,467 times by the 58 centers in 2018.

The Social Affairs Bureau has set up 14 social welfare service centers. Professional social workers are assigned to every center to provide casework services for disadvantaged families. The centers provide all kinds of welfare consultation and applications; based on local characteristics and family attributes, multiple family support services are planned and administered, increasing parent-child interaction to improve family functions and family relationship, using various hardware and software facilities in the centers to provide friendly childcare space for community families. Services were provided 345,218 times in 2018.



Social Welfare Center - family support activities

The Children Welfare Service Center of the Social Affairs Bureau was established in the City in 1989, providing various parent-child functional activity spaces. In 2018, 19 winter and summer holiday events were held, with 374 participants; Children's Day activities attracted 1,500 people; 143 sessions of the Family Day activities were held, with 7,333 participants.

The Women, Children and Youth Center was established in 1993, equipped with various spaces including a designated area for women, a game room for children aged 0-6, a science game room, a parent-child co-reading room, a leisure room, a library and a reading room. In 2000, Women's Center was founded, providing facilities such as a historical archive room and multiple spaces for women. In addition, the Wujia Youth Activity Center and an experiential academy were set up to offer leisure and growth activities for adolescents. 427,598 services were provided in 2018. Other women, children and youth events were also held, such as winter and summer holiday activities for children, Parent-Child Stories for Families, and Parent-Child Flea Markets, with a total of 2,919 sessions attracting 177,049 participants.

## 3. Labor Education & Life Center

### (1) History

The center was established on October 31, 1982 under the jurisdiction of the Social Affairs Bureau. On January 15, 1988, it was transferred to Labor Affairs Bureau,



Kaohsiung City Government. After the municipal merger on December 25, 2010, the Labor Education and Life Center was divided into four facilities; they are the Shihjia Guesthouse, the Chengcing Guesthouse (On December 18, 2015 it was delegated to Huacheng Development Co., Ltd. for management for the next 20 years), the Kaohsiung Museum of Labor, and the Fongshan Labor Culture Museum.

(2) Main services

- Event Promotion Section: In charge of labor education courses and related activities.
- Exhibition Section: Responsible for organizing labor history exhibitions, data collection, research and promotion of labor culture, etc.
- Administration Section: Responsible for research and evaluation, official seals, documentation, archives, general affairs, cashier's service, property management, procurement, civil engineering, water and electrical systems, repairs of air-conditioning and other systems, accommodation services, venue rental services, management etc.

(3) Mission

- Provide laborers with recreational and accommodation venues, as well as provide spaces for a variety of exhibitions.
- Promote education among laborers to enhance quality of life, encourage workers to actively participate in social welfare services, and to give back to society.

(4) Services

- Labor recreational activities: Organize recreational, educational and entertainment activities to enrich the spiritual life of laborers.
- Labor education: Classes are organized at the Shihjia Guesthouse, the Chengcing Service Center (Training and Employment

Center), the Fongshan Labor Culture Museum, the Labor Affairs Bureau office and other external venues; in particular, the courses that are offered by the Labor Affairs Department are primarily based on related legal knowledge, and other courses will be designed to encourage worker participation, learning, and to enhance labor-related knowledge. Labor Academy Department courses are mainly focused on living aesthetics, skill applications, language studies and fitness enhancement, etc. These diverse educational methods are expected to enrich the laborers' self-cultivation, improve quality of life, and foster a balanced physical and mental development.



Eru fiddle beginner classes organized by the Labor Academy



Daily life tea art classes organized by the Labor Academy

■ Labor welfare service:

- A. Provide venue rental services for labor organizations and businesses to arrange various cultural and arts activities, education, training, speeches and



other activities. Various government organizations and labor unions of the City may use these venues to hold labor related activities free of charge, while a 50% discount will be offered for industries, professional labor unions, village offices, and schools to organize different activities.

- B. Provide safe and comfortable accommodation services at a fair price to alleviate the financial burden for workers.
- Promote a volunteer service system: Presently the center has 76 volunteers that have been professionally trained to assist in the promotion of labor education and culture. This in turn has reduced the financial burden of the government and endowed the volunteers with a sense of affirmation and achievement.

(5) Recreational venues:

■ Surface areas

Shihjia Guesthouse is 12,158 m<sup>2</sup> and consists of 1 basement floor and 7 floors above ground.

Chengcing Guesthouse is 13,102 m<sup>2</sup> and consists of 1 basement floor and 10 floors above ground.

The auditorium is 10,900 m<sup>2</sup> and consists of 1 basement floor and 3 floors above ground.

The Kaohsiung Museum of Labor is 3,474.54 m<sup>2</sup>, taking up floors 3-6 of a 6-story building.

The Fongshan Labor Culture Museum is 322.8 m<sup>2</sup> and it is a building with 2 above ground floors.

■ Open space

A. Shijia Guesthouse:

This guesthouse provides laborers with affordable accommodations, conference and study venues, classrooms

for Labor College, and table tennis venues. The “R7 South Taiwan Fashion Innovative Center” was also set up, and it can be used as labor education and talent cultivation platform for the industry, government and education sectors to promote youth empowerment and services for “creativity, innovation, and startup”.

B. Chengqing Guesthouse:

The Guesthouse was delegated to private agencies for ROT since December 18, 2015 and started to operate after the reconstruction was completed on December 19, 2017. It provides tourist accommodation at Chengcing Lake Scenic Area, large conference and seminar venues, and cultural and art performance space.

C. Kaohsiung Museum of Labor:

The Museum was re-opened on July 25, 2015. The Museum is divided into exhibition spaces, labor theater, lecture classroom, collections storage, DIY experience area, and cultural creative commodities area. The third floor is mainly for special exhibitions, displaying exhibitions focusing on the theme of labor. Labor volunteers may perform their own life stories here by means of amateurs’ performance. The fourth floor is for permanent exhibitions based on the theme of the labor development history of Kaohsiung. The sixth floor is a collection and administration area. In addition, the arrangement of the DIY classes allows visitors to experience the labor life of workers on production lines. Finally, all sorts of cultural creative commodities are developed in collaboration with the creative design-related departments of various colleges and universities or individual designers, allowing for



marketing of the Museum of Labor while selling these commodities.



Press conference for renovation of “Gongyuan Road: Impression of Hardware and Salt Marks” exhibition area with labor artists in the “Kaohsiung Laborers’ Stories” permanent exhibition.

#### D. Fongshan Labor Culture Museum

The Museum provides a lifelong learning environment for laborers. Craftsmanship and art creation classes are organized, including language learning (English and Korean), art creation (watercolor painting, calabash carving), life skills (knitting yarn, silk screening, daily-life applications with textiles), and leisure and recreation (erhu fiddle, folk guitar). The Museum provides classrooms for Labor College and venues to hold activities and exhibitions for citizens of eastern Kaohsiung (Fongshan) to enhance their knowledge and abilities as well as partake in leisure, educational, and recreational activities in their spare time.

## Cultural Activities

### 1.2018 Kaohsiung Spring Arts Festival

KSAF is a significant art event organized by the Bureau of Cultural Affairs of Kaohsiung City Government starting from Feb to July. In 2018 KSAF there were not only high-quality international programs, but also local performing groups that were invited to the festival. In 2018, a great amount of multi-type programs were organized by KSAF to promote performing arts. The Grassland

Concert, for an instance, is a unique art program in Kaohsiung founded by KSAF. In total, there were 78 performances and more than 80,000 participants. Furthermore, KSAF also hosted 12 sessions of lectures for public, 51 master classes, workshops and lectures on campus, 18 pre-show or after-show talks, and 82 KSAF promotion events. About 15,000 people attended these promotional events.



Grassland Concert

### 2.2018 Zhuangtou Fringe Festival

In order to promote local traditional arts, a series of Taiwanese traditional opera and concerts were provided for the people of Kaohsiung City. The goal was to start a trend that encourages citizens to include the arts into daily life. “Zhuangtou Fringe Festival” brought performing arts to rural and remote areas of Kaohsiung City, ensuring that all citizens have access to the arts. In total, there were 37 shows with more than 30,000 participants.

### 3. 2018 Kaohsiung Film Festival & International Short Film Competition

2018 Kaohsiung Film Festival (KFF) was held from October 19th to November 4th at Kaohsiung Film Archive, Kaohsiung Main Public Library, Cinemark Dream Mall Kaohsiung, Pier-2 Art Center VR FILM LAB, and Taipei Bopiliao Historic Block. The annual theme “Love, Hate, and Family “ was arranged within 26 programs, featuring 229 films in a total of 168 screenings, and launched 24 special VR short screenings. Films from traditional screenings to technology VR experience not only brought innovations into festival industries, but also entertained the audience



with fresh viewing experiences. This year, KFF invited over 50 international filmmakers, and teams to Taiwan, with a total participant of over 40,000 people.

As the main feature of 2018 KFF, VR FILM LAB provided the only screening experience for 8K Stereoscopic Virtual Reality in Taiwan. There were 5 originally made films, and 24 excellent VR films from around the world, taking parts as the annual focus of this year's KFF. VR International Forum invited specialists, and creators such as the heart of VR Forum from Venice Film Festival, Liz Rosenthal. She led heavyweight filmmakers from all around, and shared experiences on film production, funding, and cross-national works. On the day VR international Forum was held, the government of Kaohsiung announced a groundbreaking co-plan on VR Art with France, and in the hopes of turning two places into sister cities- opening up further VR industrial exchanges, the city of Kaohsiung is ready to take VR films internationally.

As an exchange platform, Kaohsiung Film Festival continued to host the 8th International Short Film Competition and received 3,203 entries from 93 countries. Among these contestants, we also received acclaimed shorts from Cannes, Venice film festival, and Berlinale, ect. These competitive shorts were also competing against shorts from Japan, South Korea, France, and Malaysia, ect. The International Short Film Competition achieved to continue promoting and expanding its publicity, carried on making Kaohsiung the most important short film basis in Taiwan.



The Open Ceremony of 2018 Kaohsiung Film Festival

#### 4. LIVE WAREHOUSE

LIVE WAREHOUSE officially opened on 5th June 2015, with Big Warehouse (contains approx. 1,400 people), Small Hall (contains approx. 250 people), and Moonlight Theater (contains approx. 950 people). 115 concerts were held in LIVE WAREHOUSE in 2018, more than 200 famous artists and bands such as Fang Wu, Waa Wei, Crowd Lu, No Party For Cao Dong, The Fin(JP), HYUKOH(KR), DAOKO(JP), Denise Ho Wan-See(HK), Cosmos People, EggPlantEgg, Dadado Huang, Sorry Youth, deca joins, Chinese Football(CN), Manatsu Nagahara(JP), Wonfu, MIXER, HARVEST(JP), Jiang Song-Lin, Liberal Arts(JP), Go Go Machine Orchestra, D. A. N.(JP), Frand'e, Bisiugroup had performed etc, and had more than 57,000 audiences participated.

#### 5. 2018 Megaport Festival

“The 2018 Megaport Festival” was held on 24th and 25th March 2018 at Pier-2 Art Center and PengLai Dock No.9 Field. A specially designed 120-meter-long floating bridge, Mega Bridge, was built to connect stages between Pier 2 Art Center area and PengLai Dock No.9 Field. There were approximately 100 performers, who came from both local and international such as ACIDMAN(JP), Bobby Chen & New Formosa Band, Tsai Chen-Nan, Chthonic, =Love(JP) etc had brought great live music shows in this 2-days music festival. With the marvelous performances and the surrounded activities they had arranged, such as Megaport Market, Food Plaza, and Megafun, 2018 Megaport festival was aimed to create a remarkable and totally unique festival experience to all the attendants. This 2-days music festival had approx. 60,000 people participated.



2018 Megaport Festival

### 6. 2018 Youth Innovative Design Festival

2018 Youth Innovative Design Festival is a supportive exhibition for young students in southern Taiwan, which gives an emerging stage for creativity through competition. This is the only official event in Taiwan designed specifically for students of related departments. With the increasing number of participating schools and larger scales, we hope through the combination of Industry, Official and University of this event, it would become a stage to stimulates young designers' creativity and cultivate innovative and creative talents. This time the numbers of participation are of 59 schools, 108 design departments and 1,147 works to compete. By hosting substantial and effective exhibition as well as matchmaking Government-Industry-University alliance, more creative energy is accumulated, we hope the stage of creative young designers can voice from Kaohsiung to the world.



2018 Youth Innovative Design Festival Award Ceremony

### 7. 2018- Youth Design Festival - Youth Film Festival

The 2018 Youth Design Festival - Youth Film Festival, was held by Kaohsiung Film Archive, kicked off on April 27th and ended on May 6th. Youth Film Festival again gathered talented students from universities all over Taiwan, serving as a platform for young filmmakers to present and discuss their works. By encouraging filmmakers to submit their creativities to the festival, it is also the window that opens up opportunities and chances of nurturing the talented youngsters.

Having received 324 entries in live action category and 120 in animation category submitted by film students from 71 departments of 48 universities in Taiwan, this year's Youth Film Festival had its focus on La F'emis' graduation works from Year 2016, and works from Year 2016, and 2017's Golden Horse Film Academy, calculating in a total of 10 shorts al-together.



Logo for 2018 Youth Film Festival

### 8. 2018 ART KAOHSIUNG

"2018 ART KAOHSIUNG" was held from November 30th to December 2th, locating in P2 and P3 Warehouses of the Pier-2 Art Center and the "Citysuits Kaohsiung Pier2".

This time, 53 galleries were invited to participate in the event, including 22 foreign and 31 domestic ones. To continue the core position of being the platform of Southeast and Northeast Asian Art. "Russia" and "Indonesia" were planned to be theme curatorial areas and the gallery from Moscow "Askeri Gallery" was invited. The exhibition was divided into "Southern Art Curating Platform", Photo Art Exhibition Area" and "Video Art Exhibition Area" to make the exhibition multiple and brilliant .And also successfully attracted 9,000 visitors.





2018 ART KAOHSIUNG Exhibition photo

### 9. 2018 YOUNG ART KAOHSIUNG

“2018 YOUNG ART KAOHSIUNG” was held from September 28th to 30th, locating in P2

Warehouses of the Pier-2 Art Center. This year, it divided into three exhibition Area “Special Art Exhibition Area”, “New Artists Exhibition Area” and “Bling Young New Media Art Exhibition Area”. A total of 45 artists participated in the exhibition, displaying more than 300 works. “Special Art Exhibition Area” was participated by 10 artists who ever joined in” 2017 YOUNG ART KAOHSIUNG “selected by curators, gallery owners and art magazine editors, who may also selected from artists who won any award from such as” Kaohsiung Awards”, “Next Art Tainan Awards”, “Taipei Art Awards”, and” Art Taipei MIT ZONE “or their works were collected by National Taiwan museum of fine arts or Ministry of culture. In “New artists Exhibition Area” we displayed 30 artists booths who selected by judging-panel from over 100 competitors. “Bling Young New Media Art Exhibition Area” was specially organized by new media art or installation art in order to display different types of art. Just 3 days, it’s attracted more than 1,940 visitors. “YOUNG ART KAOHSIUNG “is different from those unit by galleries, it organized from small solo exhibitions into big group ones. Young artists and their works can directly face to face to audiences and the Art market.



2018 YOUNG ART KAOHSIUNG Exhibition photo

### 10. 2018 Pier-2 Comic&Animation Exhibition

The content of 2018 Pier-2 Comic & Animation Exhibition’s activities is very abundant, including comic & animation music performance, cute maid dancing show, original mini comic competition, cosplay, fanzines sales, etc. to make these activities more meaningful. These multiple exhibitions and activities create more possibilities and deepen the profundity of comic and animation. Pier-2 Art Center insists to hold this event from the perspective of art appreciation in order to create a unique and delicate style of comic and animation exhibition, it’s attracted more than 28,000 visitors.



2018 Pier-2 Comic &amp; Animation Exhibition and cosplay photo

### 11. Literary Activity Series “Autumn, Encounter with Literature in Kaohsiung”

In conjunction with literary and artistic spaces such as Kaohsiung Public Library, Kaohsiung Museum of Fine Arts, and local bookstores, as well as The Sixth Wordwave Festival, the



Bureau of Cultural Affairs launched the “Autumn, Encounter with Literature in Kaohsiung” series of literary activities from September 22 to October 31, 2018. The activities were organized around six themes including the Literary Guest Room, Art in Literature, Children’s Reading, Market on Grass, Wandering in Bookstores, and Kaohsiung Publications, and more than 60 activities were held including seminars, reading clubs, book launches, thematic exhibitions, and “Writing is My Labor – Memorial Concert for Ye Shihtao.”



Literary Activity Series “Autumn, Encounter with Literature in Kaohsiung”

### 12. 2018 Takau Fengyi Literature Award Competition

Submissions for the 2018 Takau Fengyi Literature Award Competition were accepted between February 26 and June 29, 2018. Four genres of literary works were accepted including novel, prose, modern poetry, and modern Taiwanese poetry. In the end, a total of 692 entries were received. A First Place Award, a Reviewer’s Award, and a Choice Award were granted for each genre. Subsequently, a champion work was selected out of the 12 winning entries and given the Kaohsiung Award for being the most representative literature. A total of NT\$1.21 million cash prize was given out. The award ceremony was held in the Kaohsiung Literature Library on October 27. 1,000 copies of Collection of the Winning Entries of the 2018 Takau Fengyi Literature Award Competition were published and marketed. In addition, four promotional seminars and a Taiwanese writing camp were held in May and June, in which a total of 134 people participated.



The 2018 Takau Fengyi Literature Award Competition award ceremony

### 13. Film marketing and promotion activities

Aside from investing the films shot in Kaohsiung and offering assistance in film shooting, Bureau of Cultural Affairs also engages in marketing and subsidizes film promotional events such as special screenings, premieres, film festivals, etc. Bureau of Cultural Affairs hopes to bring Taiwanese movies into focus through government’s power and to get more media exposure for the movies in order to boost the box-office. In 2018, Bureau of Cultural Affairs assisted 10 marketing and promotional activities to attract the audiences’ attention and form their habit of watching Taiwanese films.

The 10 marketing and promotional activities include 3 special screenings (Movie “On Happiness Road,” “Territory of Love,” “Love Talk”), 2 movie premieres (“My Surprise Girl” and “High Flash”), 1 advance screening (micro film “Siao-Li’s Shouting”), 4 film festivals (Golden Sugarcane Film Festival, Taiwan International Queer Film Festival, Kaohsiung Film Festival, Best of INPUT).

For example, in June, Bureau of Cultural Affairs held the premiere of the film “My Surprise Girl” which is directed by Director LEE Kok Heng in Kaohsiung Film Archive. The leading actor and actress both came to Kaohsiung to meet their fans and even had an autograph session after the screening. In August, CHUANG Ching-Shen’s latest movie “High Flash” had its premiere before the release date in Kaohsiung Main Public Library. Director CHUANG Ching-Shen, scriptwriter WANG Li-Wen and the leading actor WU Kang-



Ren all attended the premiere and a lot of movie-fans came to enjoy the film together.



The autograph session of Movie “My Surprise Girl”

#### *14. South Music - Original pop songs creation grants, publish and integrated marketing publication program.*

2017-2018 South Music - “New Generation Taiwanese Song” Grant Application Project started from February to August 2018. There were 156 original music productions applied, 30 songs made it to final. And had a selection of 12 songs in the “2017-2018 South Music” album which was released on 20th August 2018, under the recording production of Sam Yang, ciacia Ho, Jungle Dai, Kun-Chi Tsai, who were also the judges.

#### *15. The autograph session of Movie “My Surprise Girl”*

##### (1) 2017 Kaohsiung International Container Arts Festival

From 2017 to 2018, KMFA held the Silver Horizon: 2017 Kaohsiung International Container Arts Festival to celebrate elder wisdom and creative ageing through artistic creation that resonated with the concept of sustainable life inspired by the ocean. The Festival received budgetary support from the “Support for the Internationalization of Taiwan’s Local Festivals and Cultures Program” of the Ministry of Culture. The Festival attracts over 410,000 viewers visited the Festival.

##### (2) International Exchange and Research Exhibitions

KMFA’s two international exhibitions, Still Waters Run Deep, curated by KMFA, and “Nude: Masterpieces from Tate”, the first partnership between KMFA and Tate Museum in the UK, respectively won the 1st and 4th places in the 2018 Top 10 Publicly-funded Exhibitions in Taiwan. The exhibition, “New Old: Designing for Our Future Selves”, was also the first KMFA collaborated with Design Museum in London to discuss about issues of creative ageing. Among KMFA’s research exhibitions on local artists, the “Space, Poetry and People: Art of Lee Kuang-yu” and the “Lin Hsin-yueh: Magical Light and Shadow in Nature” exhibitions won respectively the 6th and 10th in the Top 10 Publicly-funded Exhibitions in Taiwan. The “Acts Without Effort—The Societal Architecture of Hsieh Ying-Chun” exhibition showed to viewers the post-disaster reconstruction cases designed by Hsieh Ying-Chun, a famous Taiwanese architect, at home and abroad over the past two decades. The “Desolate Romance: Art of Lin Hong-wen” and “Creating through Chaos: Art of Hsu Tzu-kuey” exhibitions were the continuance of KMFA’s efforts to construct Taiwan’s art history.

##### (3) Museum of Art History

Continuing with the focus on “contemporary Austronesian art” as one of its development priorities, KMFA held the WAWA: Art in the Contemporary Pacific exhibition to expand the contemporary Austronesian art to the narratives about the Pacific.

In response to the Nude: Masterpieces from Tate, KMFA organized the Tomb of the Soul, Temple, Machine, and Self exhibition, demonstrating how artists since 1930s had reinterpreted, extracted, and converted modern visual imagination about human body into works of contemporary



art through a process of repeated trails and errors. This exhibition was nominated for the Taishin Arts Award.

To construct multi-viewpoint of art history based on the “The Concept of Global South”, KMFA had spent over a decade researching and interviewing contemporary Austronesian artists in Taiwan. In 2018, KMFA published the monograph, “Sound of Footsteps on the Island—Contemporary Austronesian Art Highlights in Taiwan”, which contains these 47 essays that bear witness to how these artists had inherited the tradition and developed their own artistic styles at the same time. This book is the fruit of long-term accumulation of important first-hand data about the arts of indigenous peoples in Taiwan, based on a special column in KMFA’s “Art Accrediting” bimonthly. KMFA plans to build a cloud-based database of Taiwan’s indigenous art in the future in order to help Taiwan’s contemporary Austronesian art find its place on the stage of international art.

(4) Kaohsiung Awards and Application Program

The work application and selection methods of the Kaohsiung Awards had undergone major reforms over the past 10 years. In the 2019 Kaohsiung Awards, the prize money for each Kaohsiung Award winner was raised to NT\$500,000 while the competition was opened up to applicants with residence permits in Taiwan in order to encourage more artists to engage in artistic creation from more diverse and innovative perspectives. The number of media categories for submitted works was reduced from eight to five while the number of submitted works from each applicant was changed from three pieces or sets to just one. These changes were intended to give more freedom to the applicants in their artistic creation.

In 2018, there was one exhibition,

Vicissitudes of Stony Seas—Chou Chu-Wang Solo Exhibition in KMFA’s “Forum for Creativity in Art” exhibition series and five exhibitions showing works of unique media and styles in KMFA’s “Gallery for Citizens” series, demonstrating the rich and lively energies of art in Kaohsiung.

(5) Children’s Museum of Art

In 2018, the Children’s Museum of Art held one new exhibition, Hello! My Little House. KMFA received totally 804,750 visits in 2018. In the future, KMFA will continue to explore the possibilities of investing equal attention in art education and art exhibition.

*16. Exhibition and Performing Events of Cultural Center*

(1) Exhibitions:

A total of 151 exhibitions were held in Jihh-Jhen Gallery-1, 2 and 3, Jihh-Mei Gallery, Ya Gallery, Jihh-Gao Gallery and Jihh-Shang Gallery; the number includes 85 exhibitions of annual applications and 66 sequential exhibitions. The latter is composed of a series of exhibitions, organized by the Bureau of Cultural Affairs, to promote art development in Kaohsiung and facilitate cultural exchange: Open the Painting Box-Fine Arts in Kaohsiung, Jihh Mei Gallery-Arts, 2018 Youth Art Festival, Struggling Cities: from Japanese Urban Projects in the 1960s, Once upon a time in Kaohsiung, 2018 Traveling Exhibition of Excellent Tainan Artists, The Spirit of Bud: The History of Japan’s Martial Arts. Annual visitors to the exhibitions were over 300,000.

(2) Performance Halls and Outdoor Art and Cultural events:

A total of 262 performances were held in Jihh-de Hall and Jihh-shan Hall in 2018. The outdoor circus saw the 3-day 2018 Chinese New Year Events attract more than 34,500



visitors, other outdoor big-scaled activity, totaling 67 events, were more than 320,000 visitors. In addition, the Holiday Arts Market is held regularly (105 sessions in 2018).

### *17. Exhibition and Performing Events of Dadong Arts Center*

#### (1) Performance Hall and Outdoor Stage:

From January to December 31, a total of 181 performances were held in Performance Hall, with 53 Lobby Concerts, 49 Outdoor Stage performances, other outdoor big-scaled activity, totaling 17 events, were more than 230,000 visitors, 30 sessions of guided tour and visits, 137 sessions of Dadong Lecture Room speeches, 11 sessions of filming, and installation art-Spring Young, Hope. It was continued outdoor stage during 2018 Chinese New Year Events in Dadong. Visitor in the rementioned period received nearly 1,020,000.

#### (2) Special Exhibitions:

30th Modern art Association of Kaohsiung were held at Dadong Arts Center, annual visitors to the exhibitions were more than 9,800.

### *18. Performing Events of Music Hall*

A total of 166 performances were held in the Concert Hall and including Kaohsiung Lantern Festival, totaling 18 performances were held in Outdoor Square.

### *19. Exhibition and Performing Events of Gangshan Arts Center*

#### (1) Performance Hall:

A total of 95 performances were held in the Performance Hall, received nearly 35,000 visitors.

#### (2) Exhibitions:

A total of 30 exhibitions were held in Gallery. Annual visitors to the exhibitions were over 41,000.

#### (3) Arts Workshops:

The Arts workshops set up 3 courses in 1 year, with 12 sessions each and a total of 52 classes.

### *20. 2018 Kaohsiung Taiwanese Opera Competition*

The second Kaohsiung Taiwanese Opera Competition 2018 was held in two rounds of competition (i.e., a preliminary round and the final) for three different age groups (i.e., preteens, teenagers, and young adults). Enrollments for the preliminary round were accepted from September 10 to October 5, 2018 and more than 100 Taiwanese opera aficionados were attracted nationwide. A total of 30 contestants from 10 counties/cities qualified for the final. The final competition took place at the Pier-2 Art Center B9 Kaohsiung Experimental Theatre on December 2, where a Champion, First Runner-up, Second Runner-up, and the winner of Choice Award were selected in each of the aforementioned groups. In addition, winners of the Panel's Award and five Special Awards were selected from undifferentiated contestants in all groups. In the end, a total of 24 contestants won an award, and the award ceremony was held on the same day to congratulate the winners.



The 2018 Kaohsiung Taiwanese Opera Competition

### *21. Publishing of Outstanding Literature*

In February 2018, the Bureau of Cultural Affairs published a book entitled *Slow Works of Skilled Masters: Hundreds of Craftsmanship in Mountains and Tribes*, depicting the handicraft culture of traditional craftsmen in mountains,



forests, and along rivers. In addition, the 2018 Kaohsiung Literature Publication Project selected four works through an open call. The winning entries included *Souvenir*, *There is No God Here*, *Shell God's Calling*, and *The Search for a Taste of Happiness in Memory*, which were scheduled to be published sequentially by the end of 2018.



Covers of the outstanding literature published in 2018

## 22. *Steel Friends, Steel Fantasy: Kaohsiung International Steel & Iron Sculpture Festival*

KISISF takes place every two years, 2018 is the 9th Festival. KISISF invites local and foreign sculptors to work on-site so they will pay attention to their role in the environment, including their creation and interactions with the public.

The festival of 2018 titled as “Steel Friends, Steel Fantasy” starts from November 30th to December 16th. Nine artists invited- including artists from Taiwan, Japan and the Netherlands-use materials such as stone, wood and clay in conjunction with steel and iron materials. The liberation of steel and iron materials, and the diverse possibilities of introducing mixed media, are the highlights of the festival. This softens the cold edge of steel and iron, and brings in different voices from different cultural backgrounds. Through the spatial design of the superbly diverse re-used Pier-2 Art Center, artists present steel sculptures that are out of the ordinary. Being able to participate with the work of the artists, the public, around 15,000 people for this year, is always amazed by the fire of welding, the application of

materials, the unexpected art expression, as well as the stamina and patience of artists who work in the workshop and present their projects outdoors.



2018Kaohsiung International Steel & Iron Sculpture Festival photo

## 23. *Kaohsiung Photo*

For the first time, the "Kaohsiung Photo festival" in the name of the city was launched in Pier-2 Art Center. Kaohsiung Photo 2018, from the perspective of migration and mobility, aims to sort out the contexts of Kaohsiung photography in which step by step construct the local discourses about photography while exploring the interpretation in images which is continuously evolving and expanding with the hope of letting people enjoy and understand Kaohsiung photography and culture. “

In the form of photography festivals, Kaohsiung City has become a window of image art and culture in the Asia-Pacific region. The exhibition has been held in the warehouses of P2, P3 and C5 in the Dayong District of Pier-2 Art Center from 2018 October 11th to October 28th. In just 18 days, more than 6,000 people participated in the event. The exhibition brings together eight major themes and more than 400 works. It also combines the surrounding environment of the Pier-2 Art Center and Kaohsiung's multiple art spaces to carry out a series of photography exhibitions. Besides, six well-known photographers were invited to visit the “Pier-2 Base” for 6 lectures and workshops, and nearly 300 people were attracted to participate in the lectures.

The "New Age of Photography: The Fever of Self-portraits" module, which is entitled "Self-



timer", has been widely welcomed by the public and has been extended to February 11, 2019.



2018 KAOHSIUNG PHOTO Exhibition photo

### 24. 2018 TAKAO ROCK Festival

“2018 TAKAO ROCK” was held on 17th and 18th November 2018, arranged and executed by Kaohsiung Pop Music Center. Three main venues of the festival included KPMC Whale-shaped Spaces, Pier-2 Dayi area, and PengLai Dock No.8&9 Field. There were 63 enormously influential performers from local and overseas such as WU BAI, ACIDMAN(JP), Russian Red(ES), anpu, Sato Chiaki(JP), Fire EX., Sheng Xiang & Band had performed in 7 exclusive indoor and outdoor stages. This 2-days music festival had more than 15,000 audiences participated.



2018 TAKAO ROCK Festival

## Sports Activities

With the aim of having healthy and happy students by cultivating good habits of lifelong exercise and correct healthy lifestyle behaviors, Kaohsiung City Government has normalized

physical education in schools, making PE classes fun and relevant to everyday life, enhanced physical fitness of teenagers in Kaohsiung City, and organized more health-improving activities. In addition, Kaohsiung City Government has actively bid to host various international and national sports events, cultivated and awarded excellent athletes and coaches, endeavored to promote sports for all, provided citizens with diverse recreational sports activities, set up fitness facilities and environments which meet the public's needs, and devoted its efforts to the promotion of the sports industry in combination with city tours, with the view of creating a healthy city of water, greenery and light.

The promotion of sports activities in 2017 is as follows:

### 1. Sports Activities in Schools

#### (1) Involve More People in Sports through Competitive Sports Games

Sports events in the elementary and high schools in Kaohsiung City and the National Disabled Games of Kaohsiung City were held. Moreover, the Sports Promotion Association of Elementary Schools of Kaohsiung City has been given supervision to organize 31 sports activities such as handball games and other competitive sports games, while the Sports Promotion Association of High Schools of Kaohsiung City has overseen 16 sports activities like relay games and other competitive sports games.

#### (2) Establish a Regional Training System for Talented Athletes

Outstanding schools for single-sport events were selected; basic training stations were established to promote the training system of regional athletes. Moreover, athletic-talented classes were set up in both elementary schools and high schools to systematically cultivate athletically talented students.



Sports day for Elementary schools in Kaohsiung



Sports day for secondary schools in Kaohsiung

(3) Normalize Physical Education to Enhance Students' Physical Fitness

Kaohsiung City Government has normalized physical education in each school, promoted swimming lessons and collaborated with the Ministry of Education to promote the Popularization of Sports among Junior High and Elementary School Students and the Physical Fitness Enhancement Project through activities which improve students' physical fitness, including sports camps during both the summer and winter vacations, enjoyable baseball games, relay races and pleasurable soccer games.

(4) Gain Sports Honors to Improve the

International Visibility of Kaohsiung City

Kaohsiung City Government had players participate in various international and domestic sports competitive games, promoted school interaction and competition in sports, strengthened the connection of sports in elementary, junior high and senior high schools, supported athletes to participate in and gain honors in competitive sports games held by the Ministry of Education, the National High School Sports Tournaments, the Kaohsiung High School Games and the Kaohsiung Elementary School Games.

*2.Regarding Social Physical Education*

Kaohsiung City continues to revitalize venue facilities to enhance its service quality, while actively cultivating outstanding athletes, improving sports environments and resources, developing competitive sports, expanding international sports exchanges, and promoting the sports-tourism industry. Together with exercise promotion classes and the sports i-Taiwan program, the City strives to boost the national spirit of sports and to shape the "harbor-city of sports and brand-city of Kaohsiung.

(1) Renovating and revitalizing venue facilities

Currently the Sports Development Bureaus directly in charge of 35 venues, including the "Chengcing Lake Baseball Stadium." It also manages 19 venues such as Cishan Stadium on behalf of other entities, self-assumes the responsibility in managing 5 venues such as Sanmin Woodball Field, and is commissioned to manage 6 venues, including Dashe Swimming Pool.

Kaohsiung City obtained a fund from the Sports Administration for the "Indoor Leakage Improvement Project of the Chengcing Lake Baseball Stadium." The project was completed in June 2018. The City was also granted a fund from the Sports Administration for the "Facility Renovation Project of Fengshan Sports





Park.” Renovation of the track and field stadium, the skating rink and the badminton courts has been completed and the facilities are open for public use. The tennis courts, swimming pool, fitness center and service center are being completed or scheduled to be completed within a short timeframe. The stadium is expected to be completed in December 2019.

In addition, the Bureau is also actively carrying out the Forward-Looking Infrastructure Program: “Building a Friendly Sports Environment.” Included in the program are the “Barrier-Free Facility Improvement Project of Kaohsiung City Sports Venues” and the “Multi-Purpose Sports Lawn Improvement Project of Jhong Jheng Stadium,” with both scheduled to be completed in June 2019; the “Renovation and Improvement Project for Facilities and Equipment at the National Stadium (Kaohsiung),” expected to be completed in October 2019; the “Transformation Project for Drainage and Senior Citizens Sports Environment at Siaogang Stadium,” expected to be completed in November 2019; the “Renovation Project of the Lotus Lake Boathouse and its Surrounding Facilities,” scheduled to be finished in July 2020; and the “Nanzih Wenjhong Football Stadium Construction Project,” expected to be completed in December 2021.

The Sports Development Bureau carried out a number of projects in 2018, aiming to optimize venue facilities and promote participation from the private sector so that resources, vitality, creativity and efficiency from the private sector can be incorporated into sports venue management, whereby management and service quality can be enhanced. Among these projects are the “Kaohsiung Chienchen Swimming Pool ROT Project,” the “Kaohsiung Fengshan Sports Park OT Project,” the “Kaohsiung

Yangming Tennis Center ROT Project Initiated by the Private Sector” and the “National Stadium (Kaohsiung) OT and ROT project.” The Bureau will continue to review relevant venue management models and incorporate resources from the private sector.

#### (2) Upgrading Competition Resources

In 2018, the Bureau provided subsidies of NT\$19.61 million to support a total of 226 activities held by sports communities. Approximately 200,000 people participated in these activities. The Bureau also issued NT\$42,016,604 in social physical education grants to 3,093 recipients in the same year.

Kaohsiung City’s 637 players and 133 team members attended the 2018 Citizens Sports Games held from September 29th to October 4th in Miaoli County. Twenty seven gold medals, 31 silver medals and 32 bronze medals were won at 25 competitions. With a total score of 87.5, Kaohsiung ranked fourth in the country and was awarded the Judicial Yuan President Award.

With regard to the medical protection of athletes, the City continues to collaborate with Kaohsiung Municipal Siaogang Hospital in setting up the “Sports Injury Protection Systems for Elite Athletes.” The hospital offers a sports injury integrated clinic, a physiotherapy training clinic, and a green channel service to elite athletes for appointments and visits. It also provides medical aid to economically disadvantaged athletes.

#### (3) Expanding the Effectiveness of the Sports-for-All Campaign

The Bureau received NT\$19.79 million from the Sports Administration in 2018 for the Sports i-Taiwan project. It co-organized approximately 3,300 classes and activities in 136 projects, including 16 programs with 61 departments and agencies. Approximately 190,000 people participated



in these classes and activities. Three such projects are Sports i-Taiwan: Senior Citizen Exercise and Lohas, the Exercise Instruction Tour Team, and Sports Hotspots, which were co-organized with universities and colleges in Kaohsiung City. The Bureau also took the initiative in reaching senior citizen learning centers, elderly service centers and community care centers in the City, as well as sporting venues under the management of the City, where exercise promotion activities, exercise instruction classes, lessons on sports knowledge and skills, fitness and health consultation, and lectures on related concepts were offered.

According to surveys on the current situation of sports and exercise conducted by the Sports Administration, Ministry of Education in 2018, citizens who exercise regularly account for 34.5% of the total population in Kaohsiung City (ranking second among the six municipalities). The City remains committed to achieving our administrative goals in terms of promoting the Sports-for-All campaign and boosting the spirit of sports and exercise in the City.

#### (4) Developing the Road-Running Industry

Approximately 50 road running events took place in Kaohsiung in 2018. The Bureau provided administrative assistance to 22 such events on the basis of the “Planning of the Application and Approval of Road Running Events.” A total of 188,000 people participated in road running events in 2018, generating an economic output of nearly NT\$1.3 billion in road-running and peripheral industries.

The Kaohsiung International Marathon is the friendliest marathon held among cities in Taiwan. The ninth MIZUNO Kaohsiung International Marathon took place on February 25, 2018 at the National Stadium (Kaohsiung). A total of 21,051 people participated in the event, with 692 runners

coming from 33 different countries. Compared to 2017, the number of foreign runners increased by 125%. The economic output across sports-related industries was estimated at NT\$92 million.

#### (5) Building an International Sports-Tourism City

The Kaohsiung International Marathon and Kaohsiung Love River Dragon Boat Festival has become a popular sporting event in sports tourism due to the economic benefits it creates. In addition, the Bureau co-held the 2018 City Cup International Dragon Boat Championships with the Kaohsiung Municipal Athletics Federation on November 3-4, 2018. A total of 4,340 players from 217 teams took part in the tournament; among them were 732 players from 14 different countries. During the event, thousands of people came to Lotus Lake in Zuoying to watch the competition and warmly cheered the players. This event has become a typical sport of the whole population. It boosted the economic output of the surrounding areas while also successfully marketing the City of Kaohsiung.

Authorized by the International Handball Federation (IHF), the Chinese Taipei Handball Association and the Sports Development Bureau, Kaohsiung City Government jointly organized the “2018 First Taiwan Gangdu Cup Beach Handball Tournament” on December 1-2, 2018 on Fengshan Beach Volleyball Courts. Two hundred players from 10 teams representing Japan, Hong Kong, Singapore, the Philippines, Vietnam and Taiwan competed in the tournament. Most of the players representing Taiwan are members of the Chinese Taipei Youth Olympic Team, and players representing other countries are also outstanding athletes. The Chinese Taipei Men’s First team and Women’s second team won the men’s and women’s championships, respectively.



The 2018 Kaohsiung OEC Open took place on September 15-23, 2018 at Kaohsiung Arena. A total of 69 of the world's top 200 professional players from 21 countries competed in the tournament (the highest ranking for singles players was sixth). The world renowned French tennis star Gael Monfils also participated in the tournament, causing a whirlwind in the tennis circle in Southern Taiwan and attracting many fans to come and watch the game. The cumulative number of people who came to the arena for the game reached 54,473.

The 2018 eSports International Championship of IESF took place on November 9-11, 2018 at Kaohsiung Arena, the first international eSports event Kaohsiung ever held. A total of 330 players from 84 teams and 38 countries entered the tournament. Chinese Taipei won a bronze medal. Global top esports events such as this not only attract local and foreign players and visitors to Kaohsiung, but also help the City gain international exposure and generate economic output in international sports tourism.

## V、Mass Communication

### 1. State of Cable TV System Operators and Movie Theaters in Kaohsiung City

There were 13 movie theaters (114 auditoriums), 50 video program production companies and five cable TV system operators in town. The profile of the five Cable TV System Operators was as follows:

- (1) Gangdu Cable TV operated in Lingya, Sinsing, Cianjhen, and Siaogang Districts; Cinglian Cable TV did in Yancheng, Gushan, Zuoying, Nanzih, Sanmin, and Cijin Districts. Fongsin Cable TV did in Fongshan, Daliao, Renwu, Dashe, Linyuan, Dashu, and Niaosong Districts. Nanguo Cable TV offered services in Gangshan, Cishan and the rest districts. And New Kaohsiung Cable TV was extending business in all districts, whose services were available in Lingya, Sanmin, Zuoying and Cianjhen Districts.
- (2) The five operators simulcast syndicated programs related to public welfare, social education, art and culture, policies, events

and lectures of the Open University of Kaohsiung through the public access channel. (Channel 3) In addition, the departmental and general interpellations at the City Council were broadcast live during meeting sessions.

### 2. Public Information Services

- (1) Public Opinions Collection and Press Release  
Daily collection of news reports, commentaries and suggestions regarding municipal construction and development in print, online, and TV enabled proper responses to public concerns and as a reference for administrative measures. News releases were coordinated with important municipal schedules, policies, and activities and posted online for public browsing. In addition, a task force was formed for news releases during meeting sessions of the City Council to provide the general public with a better understanding of major decisions made and the focuses of interpellations.



(2) Multimedia Campaigns

- Marketing clips were produced and broadcast through diverse channels in an effort to promote major events, municipal construction, development projects as well as tourism, and build up an image of urban transformation, such as “Kaohsiung Moments”, “2018 Taiwan International Boat Show”, “Lonely Planet Top 10 Cities to Visit”, “Kaohsiung Port Warehouse No.2 - New Cijin Ferry Route”, “Recruitment of Outstanding Enterprises”, and “Ciaotou Science Park Animation”. These clips aimed to give the public a clear picture of the economic development and continual transformation of Kaohsiung, as well as to promote tourist attractions, and encourage public participation in relevant activities.
- Marketing through TV commercials aimed to exhibit Kaohsiung’s urban image, promote tourist features, and reinforce local identity.



Screenshot of the Taiwan International Boat Show video

- The “Film Your Home on Your Cellphone – New Immigrants Empowerment Program”, targeting new immigrants and their second generation, recruited 36 trainees for a course that provided various skills including script planning and writing, video shooting and editing

on smartphones, and post production, and thereby encouraged new immigrants to record their lives and observations in Taiwan. These videos were broadcast on the Channel 3 to give citizens an opportunity to view multiculturalism in Taiwan from a different perspective.

- The “Film Your Home on Your Cellphone – New Immigrants Write Scripts about Their Homes” encouraged new immigrants from Southeast Asian countries to submit scripts of three to five minutes on their hometowns written from their personal perspective. Three winners were selected from the 10 entries. The winners were matched with a multimedia firm for the joint production of a 30-minute feature documentary titled Film Your Home on Your Cellphone – New Immigrants Film their New Homes. The documentaries were broadcast in ten episodes on Saturdays and Sundays from 9:00 to 9:30 in December 2018 to give viewers an opportunity to explore local cultures and customs in Southeast Asian countries.



Film Your Home on Your Cellphone - New Immigrants Write Scripts about Their Homes

(3) Marketing through Print Media

Achievements in the field of municipal development and various tourist attractions were marketed and promoted in cooperation with newspapers and magazines (e.g., “Our



Happiness Score”). Topics covered include “Taiwan International Boat Show”, “The Pier-2 Base ~ Joint Design”, “Kaohsiung Flexible Business Recruitment Strategy – Win-Win-Win Outcomes for Citizens, the Government, and Manufacturers”, “Global Harbor Cities Forum Kaohsiung 2018”, “Sponge City – Waterworks Construction”, “Green Transportation and Livable City”, “Visit Kaohsiung in Fall”, “1999 Kaohsiung Call Center – Municipal Administration Promotion”, “Asia’s New Bay Area Attractions Tour”, “Promotion of Private Participation and Business Recruitment”, and “Kaohsiung Port Warehouse No.2 – Cijin”.

#### (4) Establishment of an Online Disaster Information Platform

In view of the public’s pressing demand for information in case of natural disasters or emergencies, the Information Bureau established an Online Disaster Information Platform in cooperation with other bureaus and departments in an effort to create a single contact point for all information concerning disaster conditions and relevant messages. This platform was the first of its kind in Taiwan that provided disaster data visualization services to give the public a better awareness of disaster situation. The platform compiled, organized, and disclosed disaster conditions managed by bureaus and departments concerned and real-time information pertaining to disasters in coordination with the timely establishment of a Disaster Response Center or instructions by the mayor regarding public disclosure of disaster conditions. The Information Bureau maintained the platform and expanded its online functionality in line with the development of information technology and disaster diversity.

#### (5) Internet Marketing Campaigns

The city government utilized internet

marketing to promote “Return of Young Entrepreneurs”, “Business Recruitment Achievements”, and the “New Southbound Policy” to tap private capabilities so as to boost economic development and create employment opportunities through flexible concepts and innovative methods. Another goal was to give citizens a better knowledge of local culture and customs and thereby to create a bridge of cultural exchanges between Taiwan and Southeast Asian countries under the New Southbound policy.

#### (6) Multimedia Marketing

- Seven backlit billboards along a cross-cultural path at Kaohsiung Main Station were utilized to enhance the urban image, convey construction and development efforts, and advertise and promote events based on the theme of “Speedy Kaohsiung”.
- Promotional PVC banners were utilized as outdoor media to advocate road and traffic safety for Kaohsiung citizens. Outdoor promotional PVC banners were placed at various locations to enhance the public’s awareness of road safety and to publicize events and construction projects of the city government.

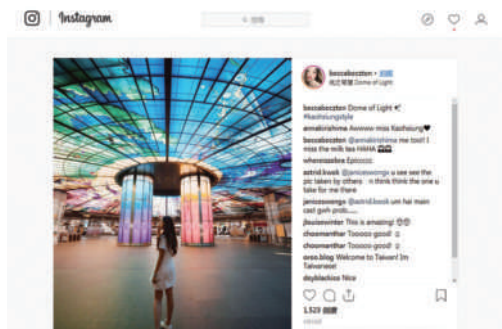
#### (7) International Media Marketing

- The livable city image was marketed in the dimensions of urban planning, public infrastructure, natural ecosystems, arts and culture through diverse channels, including international television channel advertising, backlit billboards at the airport, electronic signage, and internet media. Furthermore, the City government continued its commitment to drawing Southeast Asian tourists, upgrading Kaohsiung’s image and enhancing international visibility via various marketing and promotion efforts.
- Kaohsiung City Government utilized



its official Twitter (@KaohsiungCity) account to provide international audiences with the latest updates in different languages (English, Japanese, and Southeast Asian languages) and thereby achieved the goals of topic creation and rapid dissemination. It also cooperated with internet KOL and celebrities to promote the unique charm of Kaohsiung City.

- In the context of the “2018 Southeast Asia Online Media Expert Marketing Program”, Southeast Asian online media experts were invited to capture their travel impressions and urban development of Kaohsiung and upload the clips with accompanying text to social media networks (#kaohsiungstyle). The goal of this program was to increase public exposure, create online momentum, and boost international visibility of Kaohsiung through high click-through rates on renowned video sharing platforms and social media sites.



2018 Southeast Asian Online Media Expert Marketing Program (IG Screenshot)

- The “10th Esports World Championship 2018”, which was held in Kaohsiung in November 2018, attracted 700 contestants and international guests. In the context of the Esports World Championship 2018 International Media Promotion Program, the present and future outlook of the esports industry in Kaohsiung was

advertised through an international media campaign on overseas websites.

#### (8) Road Safety Awareness Campaign

The city government implemented the “2018 Highway Traffic Order and Safety Project” enacted by the Executive Yuan, using various media channels and innovative approaches to effectively promote road safety regulations and maintain traffic order for road users. Relevant promotion results were as follows:

##### ■ Media Publicity

A. Multimedia advertising efforts encompassing newspaper and magazine ads, nationwide TV commercials, bus exterior ads, outdoor PVC banners, Kaohsiung MRT, convenience stores, and Watsons served the purpose of reinforcing accurate road safety concepts among the general public.

B. Organizing online media campaigns such as “Lunar New Year Traffic Fun & Go” and “Say No to Speeding” and utilization of online news media to broadcast educational clips on traffic safety.

##### C. Broadcast Media Campaigns

Road and traffic safety promotion campaigns were organized in cooperation with radios to educate the general public on large vehicle and scooter safety, stopping and yielding at intersections, and traffic safety for seniors, and to give road users a better understanding of relevant regulations, and deepen accurate right-of-way concepts.

- Production and broadcasting of educational clips:

Production and broadcasting of two clips “She is still waiting for you to come home” and “We don’t think the same way”.



Screenshot of the “Road Safety Promotional Video – She Is Still Waiting for You to Come Home”

■ Promotional activities:

In line with urban marketing activities organized by various departments and bureaus or self-initiated private activities, traffic safety promotional gifts were given away in Q&A contests to instill the concept of traffic safety in daily life. A total of 21 road safety promotional activities were organized.



Booths for road safety promotion in the EcoMobility Festival

(9) International Media Relations

International media representatives were invited to visit Kaohsiung. The City Government offered reception and liaison services, gave recommendations on photo-shooting locations, and planned itineraries encompassing various locations of interest in town. In 2018, the city government assisted the Ministry of Foreign Affairs in a visit by a journalist delegation. 14 journalists in the fields of politics and economy from the USA,

Canada, Austria, and France visited City Hall, some key municipal development projects, and tourist attractions.

(10) Broadcast and Communication Services for the 3rd Kaohsiung Mayor Inauguration Ceremony

Event venues for the 3rd Kaohsiung Mayor Inauguration Ceremony included unique local attractions such as Kaohsiung Port Warehouse No.2 and the banks of the Love River. On-site shooting was planned, real-time signals were pooled, and editing and post-production services were offered to facilitate the creation of complete records and media coverage of the ceremony. Such resources was also put to use on the internet and other multimedia channels subsequently.



2018 Kaohsiung Mayoral Inauguration Ceremony

(11) Urban Marketing Events

A. Organizing the “Kaohsiung Game Party” Series of Activities

The Kaohsiung Game Party series of activities were organized to strengthen the younger generation’s participation in municipal administration and their sense of identification with Kaohsiung through integration of various elements including the harbor city image, board and video games, and music. International gala events such as the “Global Harbor Cities Forum” and the “10th IESF Esports World Championship” were utilized to offer citizens and international visitors



an opportunity to get to know Kaohsiung harbor city through board, mobile, and video games combined with concerts. Close to 1.2 million persons were exposed to or participated in relevant activities on site or online.



Kaohsiung Game Party Series of Activities: High! Kaohsiung Video Game & Music Party

- B. New immigrants and their second generation were invited to participate in the “Special Screening of Elly Tran Ha’s Films” and “Tsai Yi-Feng Film Discussion Forum” to enrich their media literacy, encourage them to bridge the language and cultural gap, and maybe turn into outstanding film producers in the future.
- C. Organizing large-scale events by tapping private resources
  - 2018 Kaohsiung Beer Festival
 

Organized by private enterprises with administrative support from the city government by tapping corporate resources, “2018 Kaohsiung Beer Festival”, which has been held for 10 consecutive years, has turned into one of the signature outdoor summer events in Kaohsiung and across the island. The 2018 FIFA World Cup Quarterfinals were broadcast live on three large outdoor screens, coupled with the promotion of the 6th Kaohsiung Appetizer Competition. Over 37,000 individuals participated

in this 3-day event.

- Taiwan Championship Legend 2018 for “League of Legends”

Organized by online media under supervision of the governments of the six municipalities, the Kaohsiung match was held from August 6 to 9 featuring a series of online competitions. An offline competition (Kaohsiung finals) was held at the Dome of Light in Formosa Boulevard MRT Station on August 11. The general public was invited to watch the competition live. The “M17” team which represented Kaohsiung in the national finals ended up winning the 2018 League of Legends Taiwan Championship.

- 2018 OPEN! Dream Mall Balloon Parade

The event was organized by private enterprises supervised by the city government. The Information Bureau served as the main contact point and provided administrative support. The 13th Dream Mall Balloon Parade kicked off on December 15, 2018. This event featured 23 giant cartoon character balloons and over 1000 performers in 30 performance troupes. The exciting performances along Shidai Blvd earned ecstatic cheers from the crowd.



2018 OPEN! Dream Mall Balloon Parade





■ 2018 OPEN! RUN Race

The event was organized by private enterprises supervised by the city government. The Information Bureau served as the main contact point and provided administrative support. The OPEN! RUN marathon took place in Kaohsiung for the 6th time on December 16, 2018. The race was divided into three categories (3K, 6K, and 11K) and drew over 12,000 participants.

■ 2019 E-Da World New Year's Firework Show

The event was organized by private enterprises. The Information Bureau supervised the event and provided administrative support. Starting at 23:59 on December 31, 2018, one minute before the end of the old year, a New Year's musical firework show started at midnight for 999 seconds to usher in the new year.



2019 E-Da World New Year's Firework Show

■ 2019 "Love×Sharing" Kaohsiung Dream Mall New Year's Eve Countdown Party

The event was organized by private enterprises. The city government supervised the event and provided administrative support. The countdown party which was hosted by Plungon, Janet, and Alex Niu, featured an

impressive lineup of superstars and performances by the most loved bands and singers including Nick Chou, 831, Amber An, and Tiger Huang. City Government and City Council representatives joined the audience in the countdown to ring in the new year. According to statistics released by the organizer, a total of 4,082,000 viewers watched the event live on FTV General and FTV One (FTV General had the second highest viewer rate in Taiwan). 1,645,314 netizens watched live streams on YouTube, Facebook, the Four Season Network, and FTV online).



2019 "Love×Sharing" Kaohsiung Dream Mall New Year's Eve Countdown Party

(12) Publication of E-Journals, Various Periodicals and Non-Periodicals

A. Publication of the electronic and print KH Style journals was posted on the Information Bureau's official website and marketed through a variety of channels.

■ Planned publication of e-journals and printing of bimonthlies

- a. The KH Style e-journal was published monthly (12 issues per year). It covered topics such as unique characteristics of Kaohsiung, cultural landscapes, tourism, local cuisine, artistic and cultural events, and information on local specialties. The e-journal enabled readers to



gain a better understanding of the multifaceted aspects of Kaohsiung, thus augmenting urban marketing.

- b. The KH Style e-journal was distributed to all employees of the Kaohsiung City Government and subscribers, and uploaded to collaborating online platforms including udn.com, paper.udn.com, and chinatimes.com.
- KH Style print journal
  - a. Highlights from every 2 issues of the KH Style e-journal were compiled into the bimonthly print edition, with 6 issues being published in a year. 23,850 copies of each issue were printed.



Compilation and publication of the KH Style journal

- b. Free copies of the print journals were regularly sent to organizations, schools, representative offices in foreign countries, and libraries around Taiwan. In addition, the KH Style journals were also displayed at around 300 locations in 19 counties / cities in Taiwan including airports, hotels, visitor information centers, tourist attractions, various MRT stations, venues for artistic and cultural performances, library branches in the city, chain restaurants, and artistic and cultural spaces for complimentary pickup by the public.

c. A PDF version of the KH Style bimonthly was uploaded to the Information Bureau website as a flip e-book for perusal by the public.

- Promotion of KH Style electronic and print journals via social media
  - a. Content of and links to the journals were shared periodically on the Information Bureau’s Facebook fan page and the Kaohsiung City Government’s official LINE account.
  - b. In 2018, two KH Style Information Sharing Conferences were organized to augment marketing of the city. Information Sharing Conferences titled “From City to Country” and “Kaohsiung Women’s Power” were organized in the Eslite Bookstore in Kaohsiung Far Eastern Department Store on May 26 and in the Eslite Dunnan Store in Taipei on October 20, respectively. Due to the limited capacity of the venues, the number of participants was limited to 200 for both events. Relevant contents were shared via Facebook live broadcast on the Information Bureau’s page.



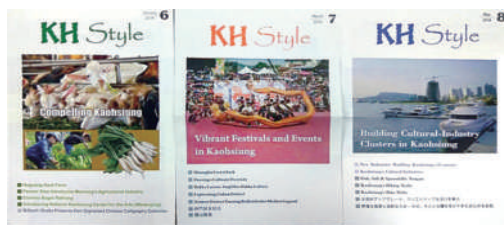
2018 KH Style Information Sharing Session

■ KH Style Bimonthly

This journal which consisted of four large pages provided coverage on city events, major construction



projects, and tourism. The journal was issued bimonthly, totaling 6 issues per year. 10,000 copies of each issue were printed. The journal’s target readership was foreigners residing in or on business or leisure trips to the city. Free copies were available for pickup by the public at a total of 119 locations including Taoyuan International Airport, Kaohsiung International Airport, Kaohsiung MRT Stations, Kaohsiung hotels and artistic & cultural venues such as cultural centers and art museums, the American Institute in Taiwan (Kaohsiung Branch Office), the Japan-Taiwan Exchange Association, the New Immigration Family Service Center, and colleges and universities in town with Chinese language programs. After publication, the text and images of the print journals were uploaded in digital format to the Information Bureau website, udn.com, and paper.udn.com for online viewing by the public.



Compilation and publication of the KH Style Bimonthly

B. Publication of non-Periodicals in coordination with municipal construction and development projects:

- Printing of the Inside Guide to the Asia New Bay Area

On October 5, 2018, the new book presentation event engaged over 100 participants and generated a lot of

feedback from the general public. Kaohsiung American School and the National Central Library contacted the Information Bureau to obtain copies.

- Production of the 2019 Kaohsiung Calendar

The Kaohsiung Calendar based on eco-friendly concepts was produced with various soft materials. When the calendar was no longer used, it could be made into a trendy bag through simple cutting and sewing for continued use. A total of 17,941 copies of the calendar were printed and distributed to the public starting at 9:00 a.m. on December 21, 2018 at Sihwei Administration Center, Fongshan Administration Center, and 38 district offices.



Ecofriendly design of the 2019 Kaohsiung Calendar

### 3. Kaohsiung Broadcasting Station

Kaohsiung Broadcasting Station started broadcasting at 6:00 a.m. and ended at 2:00 a.m. (20 hours daily). The radio station served as a public information station in the Greater Kaohsiung Metropolitan Area. Program contents included news, education and culture, public services, policy advocacy, entertainment, and concern for underprivileged groups. Overview of production, broadcasting and marketing contents in 2018 was as follows:

- (1) Award-Winning Quality Programs

KThree nominations for the Golden Bell Awards in 2018: Lin Li was nominated for



the best host award in the kid’s program category; Li Ke was nominated for the best sound effect award; and Ngyuen Thi Trinh, Ge-Yun Syu, and Li-Na Lou were nominated for the best host award in the social concern program category.



Nominees for the 2018 Golden Bell Award

(2) Diversified Programs Fulfilling Public Welfare Functions of the Government-Run Radio Station

- The languages used on FM94.3 were mainly Taiwanese and Mandarin. In addition, 19 hours of programs in Hakka, indigenous languages, English, Tagalog, Thai, Indonesian and Vietnamese and 19 hours of classical music programs were broadcast every week. Another 7 hours of programs for new immigrants, the physically or mentally handicapped, the elderly, LGBT, and other minority groups were produced and broadcast weekly.

■ Establishment and improvement of information platforms

The production of programs was facilitated through accumulation of private resources and expanded collaboration with NPOs, government agencies, and other private groups, allowing diverse viewpoints and professional knowledge to be more widely disseminated via the station. 23 NPOs were invited in 2018 to co-produce a program comprised of 98 episodes.

■ Development of a multi-language learning environment:

a. The program “Newsroom” was broadcast in English from 7:00 to 7:30 a.m., Monday to Friday, totaling 150 minutes each week, in cooperation with international media such as BBC to better service and to maintain a firm grasp of global trends.

b. co-produced with the Department of English, National Kaohsiung University of Science and Technology. 260 episodes were produced and broadcast every year.

(3) Organization of Broadcasting and Marketing Events

- The “2018 Summer Camp for Young DJs” was organized on July 5 and 6, 2018 in two sessions for a total of 50 students with the goal of training young broadcasting talents.



2018 Summer Camp for Young DJs

- The “2018 Kaohsiung Broadcasting Festival” was held to promote municipal development in an innovative manner. The festival included a golden melody vote, broadcasting lectures, a Broadcasting Carnival, and a concert of favorite melodies.



2018 Kaohsiung Broadcasting Festival

- a. 15 local radio stations were invited to select 122 best-selling Taiwanese and Chinese songs from the 1970s and 1980s. The list was posted on the “2018 Kaohsiung Broadcasting Festival” Facebook fan page for an online vote by music lovers. A total of 4,760 individuals participated in the voting.
  - b. Organizing two broadcasting lectures
    - The first lecture titled “Never Let Go” took place in the Lee Ko-Yung Memorial Library from 2:30 to 4:30 p.m. on October 27. Senior broadcasters such as Ding Cun (former chairman of Jin Sheng Broadcasting Station and senior program host), Zeng Ping (senior program host of Kaohsiung Broadcasting Station), and Angela Zeng (director of Happy Radio and senior program host) were invited to share interesting tidbits of their broadcasting careers.
    - The second lecture titled “My Broadcasting Career - Sleepless Starry Nights” was held in Kaohsiung Literature Library from 2:30 to 4:30 p.m. on November 3. Bei-Bei Ni, Best Radio Kaohsiung’s chairman and famous program host, was invited as the keynote speaker.
  - c. The Broadcasting Carnival was held on the Round Square of Kaohsiung Cultural Center on November 10. A total of 15 radio stations set up booths and held various activities such as a DJ party and challenge games.
  - d. Classic artists such as Ying-Ying Yu, Jia-Siou Ye, Best-friend Duet, Fantasy Jazz Band, and pub singer Rita performed nostalgic hits from the 1970s and 1980s live at the “Golden Melody Concert” starting at 7:00 p.m. on November 10 to evoke treasured memories from bygone days. The Golden Melody Concert and Broadcasting Carnival attracted a total of 2,520 participants.
    - Radio station visits
      - Six classes of Neiwei Elementary School (on May 15, 22, and 29, 2018) and university students and faculty members of tribal communities (on May 16) visited Kaohsiung Broadcasting Station.
- (4) Diversified city marketing
    - 257 episodes of the 3-minute program “Kaohsiung Go Go Go” were produced to strengthen city marketing. The program aimed to expand municipal administration marketing dimensions through concise contents in an accessible manner.
    - Officials from various administrative regions were enlisted to produce and broadcast special coverage and promo tapes relating to industrial culture and natural ecology in Kaohsiung to ensure an all-out promotion of city marketing. Program contents of anchors’ interviews and pre-produced interviews were increased to promote large-scale events held by the government.
  - (5) Keeping Track of Critical Emergency News to Expand Public Services
    - Regular programs were suspended in a flexible manner and live broadcasting was extended to 24 hours in response to natural disasters and sudden major incidents.



The broadcast was extended for six days due to the onslaught of the typhoon and torrential rains on August 23 (uninterrupted broadcast for 68 hours from Thursday, August 23, 6:00 a.m. to Sunday, August 26, 2:00 a.m. and 92 hours from Sunday, August 26, 6:00 a.m. to Thursday, August 30, 2:00 a.m.). Anchors delivered break-in messages for disaster prevention during the extended broadcast hours. Broadcast contents included the latest typhoon information, safe driving messages on rainy days, real-time reports of traffic conditions, immediate updates on the disaster relief progress, messages about clearing of drainage systems, releasing of sand bags for flood prevention, the 1999 rescue hotline, news on work and classes suspensions, opening of temporary parking lots, as well as the City government's Online Disaster Data Platform and the National Fire Agency's Disaster Information Service Platform, etc.

(6) Diversified Local News to Reinforce the City's Promotion Efforts

Four news broadcast sessions were added daily to provide coverage on important city administration and local news, offering municipal news of the Greater Kaohsiung region for the audience. Over 3,310 local news stories were reported in 2018.

The mayoral inauguration ceremony on December 25, 2018 was covered live and the production and broadcasting of relevant news were both stepped up.

In addition, programs and special projects such as "Live943 Evening News", "Kaohsiung Hot Issues", "Kaohsiung 943 Commissioner", and "Kaohsiung Wire" were produced and broadcast to give in-depth perspectives on the municipal development, activities, and local news.



# CHAPTER 5



## Social Security

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- I. Social Security & Welfare
  - II. Civil Organizations and Religious Activities
  - III. Community Development and Social Work
  - IV. Labor Services and Welfare
  - V. Sanitation and Health Care
  - VI. Environmental Protection
  - VII. Public Safety



# I、Social Security & Welfare

## Social Assistance

1. Setting up goods banks to provide daily necessities to disadvantaged families periodically, regionally, and in appropriate quantities. In 2018, 4 physical stores and 52 distribution stations were set up, providing 11,236 services to households, 25,720 services to persons.



Disadvantaged families shopping at a goods bank

2. Administering counseling, short-term placements and care activities for the homeless. In 2018, a total of 670 placements in temporary shelters were given; 8,520 outreach services were conducted.

3. “Immediate Care” emergency relief program: 1,401 cases were granted a total of NT\$20,185,000 in 2018.

4. National Pension premium subsidy for the disadvantaged: According to payment notifications and the list of subsidy recipients issued by the Bureau of Labor Insurance every half year, subsidies were granted 756,451 times, totaling NT\$437,519,877, between October 2017 and September 2018.

Table 5-1 Social Assurances in Kaohsiung City in 2018

Items	Subsidy Standards	Recipients (or number of times service is provided)	Cost (NT\$)
<b>Living Subsidy for Low-Income Families</b>			
	Category I: NT\$12,324 per person per month. Category II: NT\$6,115 per household per month. Category III: NT\$2,073 per household for each of the three major festivals per annum.	84,268	492,292,129
	Chinese New Year benefits per household in Categories I to IV: NT\$2,000 for single people; NT\$3,000 for those with family.	16,194	41,344,000
<b>Mid-to-Low Income Family Qualifications</b>			
	1. Full coverage for National Health Insurance deductibles for children and adolescents aged 18 and below. 2. 50% coverage for National Health Insurance deductibles for citizens aged 18 and above. 3. A 60% exemption of tuition and miscellaneous fees for students of domestic public and private senior high schools and above.	63,434	—
<b>Living Subsidy for Children in Low-Income Families</b>			
	NT\$2,695 per person per month for children under age 15 in low-income families.	130,114	350,027,620





Items	Subsidy Standards	Recipients (or number of times service is provided)	Cost (NT\$)
<b>Student Living Subsidy for Children in Low-Income Families and Studying in Senior High School and Above</b>			
	For students in senior high school and above, aged under 25 and in Categories II to IV, NT\$6,115 was granted per person per month.	90,875	555,516,035
<b>Emergency Relief</b>			
	NT\$2,000 - NT\$10,000	3,684	17,735,994
<b>Disaster Relief</b>			
	NT\$200,000 for each person who died or went missing in a disaster; NT\$100,000 for the severely injured; NT\$20,000 per person for relocation support (up to 5 people in a household); NT\$15,000 per household for flood, mudslide and house damage support.	1,404	23,430,000
<b>Medical Subsidy for Financially Disadvantaged Citizens</b>			
	Full subsidy for low-income households after deducting non-subsidized items; 80% subsidy for medical expenses above NT\$30,000 for mid to low income households after deducting non-subsidized items.	221	6,528,353
<b>Hospitalization and Nursing Subsidy for Financially isadvantagedCitizens with Severe Injury or Illness</b>			
	For low-income households: a maximum of NT\$1,200 per person per day, and NT\$150,000 per person per annum. For mid to low-income households, people receiving the Living Allowance for Mid to Low-Income Seniors, and people receiving the Living Allowance for the Disabled who spend over NT\$30,000 per month or NT\$50,000 cumulatively over the last three months on nursing services: a maximum of NT\$500 per person per day, and NT\$60,000 per person per annum.	1,113	14,672,135
<b>Living Subsidy for Mid-Low Income Seniors</b>			
	For people whose individual average monthly income in the household was below 1.5 times the minimum subsistence level, a subsidy of NT\$7,463 was granted per person per month. For those reaching 1.5 times of the minimum subsistence level but below 1.5 times of the average consumption expenditure per person per month in Taiwan, a subsidy of NT\$3,731 was granted per person per month.	389,330	2,626,073,068
<b>Living Subsidy for the Disabled</b>			
	For low-income households: A subsidy of NT\$8,499 per person per month for the moderate level and above; NT\$4,872 per person per month for the mild level. For mid to low income households and people whose individual average monthly income in the household was below 1.5 times of the average consumption expenditure per person per month in Taiwan: A subsidy of NT\$4,872 per person per month for the moderate level and above; NT\$3,628 per person per month for the mild level.	570,634	2,915,073,540

Source: Social Affairs Bureau of Kaohsiung City Government

As of the end of December 2018





## Social Welfare

### 1. Child and Youth Welfare

The population of children and adolescents in the City reached 414,636, accounting for 14.95% of the City's total population. Various service measures are as follows:

#### (1) Child care and babysitting businesses:

- As of December 2018, guidance for infant care centers was provided to 72 institutions, with 2,754 infants aged under 2 put under their care.
- Social Affairs Bureau, Public Works Bureau, Fire Bureau, and Department of Health coordinated to carry out public safety inspections. A total of 157 inspections on infant care centers were made in 2018.
- To strengthen safeguards for the rights of children at infant care centers, group insurance for young children was subsidized for 3,911 people totaling NT\$1,502,165 in 2018.
- As of December 2018, 17 public infant care centers were set up in the following districts: Sanmin (2 locations), Fongshan (2 locations), Zuoying, Cianjhen, Renwu, Daliao, Siaoang, Sinsing, Gangshan, Gushan, Linyuan, Cianjin, Lujhu, Cishan and Nanzih, with a capacity of caring for 750 infants. These centers provide infant care and life care services for infants aged 0-2.
- Community Infant Daycare Center: The City's first community infant daycare center was set up in Dashu District on December 19, 2018, with 4 professional child care workers, adopting a modern care model to provide more diverse child care services. Twelve infants aged under 2 were under care.



A community infant daycare center in Dashu District

- As of December 2018, 19 child care resource centers were set up in the following districts: Cianjhen (3 locations), Sanmin (2 locations), Fongshan, Zuoying (2 locations), Renwu, Daliao, Siaoang, Gangshan, Linyuan, Cianjin, Lujhu, Cishan, Mituo, Nanzih and Dashu, providing playrooms, childcare counseling and parental education. A total of 668,276 people received services in 2018.
  - Babysitting resource vehicles were set up, including “Greenman No. 1” for 9 areas in Cishan and “Strawberry Sister No. 1” for 11 areas in Gangshan, providing touring services at fixed times and locations or by appointment. A total of 25,417 people received services in 2018.
- (2) Home-based child care service and management system:
- Home-based child care providers (child caregivers) must register at the City's Child Care Service Center in 6 districts before they are allowed to provide care. By the end of December 2018, 2,821 providers completed registration; the number of children under care was 4,345.
  - A partial child care subsidy was provided for working families with infants aged 0-2: NT\$2,000~5,000 per month; from August 2018, it was amended as “Public and Semi-public Child Care Expense Subsidy”, with the requirement of employment removed. Based on the



family financial situation, a subsidy of NT\$3,000~10,000 was given per child per month; an additional NT\$1,000 was given for the third child onwards. By the end of December 2018, 8,799 people received subsidies of NT\$177,164,266 in total.

- Babysitting service for families with night work: A total of 597 people were subsidized with a total of NT\$1,087,000 in 2018.
- 197 sessions of promotion events for home-based child care service and parental education events were held in 2018, with 7,381 participants.
- Child caregiver (babysitter) professional training courses were organized with a total of 47 classes in 2018; 1,950 people completed the training.
- Launching “Fixed-Location Hourly Child Care Service”: To meet the parents’ temporary child care needs, a temporary child care service for children aged 6 months to 6 years old was launched on March 15, 2018, providing 303 services by appointment.
- In line with the central government’s promotion of semi-public child care service for children under 2 years old since August 1, 2018, for families that leave toddlers under care of babysitters or child care centers, the City government offered a child care expense assistance of NT\$6,000~10,000 per month to relieve the parents’ burden. In 2018, the City has contracted with 41 semi-public child care centers, caring for 1,007 children; and 1,908 semi-public home-based child caregivers, caring for 1,990 children.

Promotional leaflet for semi-public child care service



- (3) Living and medical subsidies for disadvantaged children and youth:
  - Medical subsidy: In 2018, 87 people were subsidized for a total of NT\$1,197,275.
  - Emergency assistance for livelihood: To help relieve financial pressure on disadvantaged families that suffer unexpected incidents or are unable to function properly, a 6-month subsidy of NT\$3,000 per person per month was provided to children aged 18 and below. The subsidies were granted to 1,062 people in 2018, which amounted to NT\$17,036,186.
  - To enhance the support for disadvantaged single-parent families, the following subsidies were provided in 2018:
    - A. Children’s living subsidy: 19,045 people, totaling NT\$427,882,434.
    - B. Children’s college education subsidy: 11 people, totaling NT\$97,000.
- (4) Administrative action for the violation of the “Protection of Children and Youths Welfare and Rights Act”: In 2018, the administrative actions included fines totaling NT\$521,000 for 10 cases and mandatory parental education totaling 1,475.5 hours for 178 cases.
- (5) 1,599 cases of “Children and Youth Custody Visitations and Investigation” and 182 cases of “Children and Youth Adoption Visitations and Investigation” were undertaken, as assigned by the court.
- (6) The “Kaohsiung City Children and Youth Adoption Resource Center” was established, setting up a counseling hotline at 3497885



to provide legal and correct adoption information to members of the public who were in need. A total of 83,387 services were provided to people in 2018.

- (7) Early intervention for children with developmental delays: In 2018, 2,128 newly reported cases were processed and services were continuously provided for 3,282 people, 31,684 times in total, as of December. There are a total of 14 early intervention service stations in the City, providing services that include day care, agency-based intervention, home visiting service, development screening, study and training, and parental lectures, providing services for a total of 51,632 times to people in 2018.
- (8) Printing Child Development Inventory (CDI) posters for children aged 0-2 and 2-6 and distributing them to child care resource centers, district offices, public health centers and related medical care institutions; producing a Height Chart for parents and providing an e-version on the City's early intervention service portal, FUN child care resource portal, and Children's Service Center official website. Applying CDI to examine the development of children at various age levels to discover cases for early intervention.
- (9) Printing an early intervention resource booklet for Kaohsiung City, putting together early intervention resources in medical, educational and social fields for the use of parents in need; providing an e-version on the City's early intervention service portal, FUN child care resource portal, and Children's Service Center official website for the public to download.



Early intervention resources booklet

- (10) Community care service for children and youth from disadvantaged families:
  - 21 community care service centers for children and youth from disadvantaged families were set up, providing care visits, after-school care, parent-child activities and parental lectures. In 2018, services were provided to 982 people, for 195,171 times in total.
  - Combining private resources to set up 49 community care locations for children and adolescents, to provide after-school care and parent-child activities. In 2018, services were provided to 735 people, for 176,400 times in total.
- (11) Child care subsidies:
  - Childbirth subsidy: A subsidy of NT\$10,000 was provided for each first child, NT\$20,000 for the second child and NT\$46,000 from the third (included) onwards. In 2018, subsidies were granted to 19,205 people, totaling NT\$352,016,000.
  - For the third child onwards, a subsidy was provided for national health insurance deductibles before the child reaches 1 year old. In 2018, 914 people were granted the subsidy, totaling NT\$5,590,636.
  - Giving out the Kaohsiung Baby Child Care Pack to parents when they register their babies to the household records.



The pack contains a child care resource booklet, free vouchers for zoo visits, child care gifts, etc. A total of 19,924 packs were given away in 2018.

- To ease the burden of child care for parents, the “Child Care Subsidy for Nursing Children Under Two” was provided to either father or mother who gives up employment for taking care of children under the age of two. An amount of NT\$2,500 to NT\$5,000 per child per month was given depending on the family’s financial situation. An additional NT\$1,000 was given for the third child onwards. In 2018, 44,350 people were granted the subsidy, totaling NT \$737,300,353.
- (12) To establish friendly judicial environments for children and youth and help them make statements in court, a social affairs service station was established in Taiwan Kaohsiung Juvenile and Family Court, providing pre-trial preparation, court companion and consultation services. In 2018, it provided services 3,107 times in total. In addition, subsidies were provided to civic groups for the establishment of “Parental Consultation Stations”, providing companionship to minor children to parent-child meetings in domestic cases, parental education programs, and parental consultations. Services were provided 2,193 times in 2018.
- (13) Promotion of youth counseling and recreational services:
- Wujia Youth Center was set up to provide adolescents a venue for recreation, counseling, learning and discussion. In 2018, the facilities were used 26,367 times.
  - An experiential learning academy was launched to provide the City’s adolescents and children in high-risk and underprivileged households a venue to

foster their independence and for them to engage in exploration and experiential activities. Services were given a total of 3,664 times in 2018.

- Kaohsiung Youth Dream Fund was created to encourage innovation and ideas and the participation in public affairs. In 2018, subsidies came to a total of NT\$359,000, helping 139 adolescents to fulfill their dreams; 65 performances and courses were organized.
- Centered on “intergenerational co-learning”, the 2018 Youth Companion - Youth Community Involvement and Action Plan was carried out to encourage local adolescents to take action and contribute to their community. A total of 59 local youths were trained; services came to 22,097 times.



Youth Companion - adolescent community participation exhibition

- The Youth Group Carnival was organized to display the vitality and creativity of youth groups, encouraging and promoting adolescent involvement in group activities. The event has attracted a total of 6,165 participants.
- (14) To empower youth representatives, reinforce the collection of child and youth problems and matters of public concern to formulate proposals, and provide knowledge and capacity for advice, the City has organized 22 training courses and meetings, and attended the Association Promoting the Advancement of Children and Youth



Welfare and Rights Protection, thereby giving the children of Kaohsiung City a voice.

- (15) Foster care for children and youth: To provide temporary shelters for children whose families were stricken by sudden incidents and for those who were abused, neglected or abandoned, the City commissioned sheltering for 358 children in 190 foster families in 2018.
- (16) Commissioning of shelter service provided by residential placement institutions for children and youth: Assistance was provided to shelter and care for poor and helpless children under the age of 18 in the City. A total of 4,636 services were provided to 591 people.
- (17) Promotion of children and youth protection work: 24-hour counseling, emergency rescue, emergency shelter and crisis management services were provided via the 113 Protection Hotline. In 2018, 4,554 reported cases were processed, of which 580 were classified as protection cases.
- (18) The Bureau worked with private organizations to provide high-risk families with various financial relief, care, consultation, schooling assistance, medical assistance, and after-school tutoring services. In 2018, 2,078 reported cases were processed and services were provided 40,042 times.
- (19) Administering preventive and counseling services for substance abuse in children and adolescents, providing care and guidance to children and adolescents who are not in school and who have used Class 3 and Class 4 narcotics. Services were provided 1,568 times to 72 children and adolescents in 2018.
- (20) Establishing a care mechanism for special families with pre-school children aged 6 and below. A total of 309 children were

visited in 2018.

- (21) Implementation of tasks related to breaches of the “Child and Youth Sexual Exploitation Prevention Act”: In 2018, 87 people were accompanied during interrogation, and 187 clients received follow-up counseling after returning home. Injunctions to receive counseling education were issued by courts against 77 offenders.
- (22) Senior high school and vocational school graduates were guided to become youth counselors (candidates from low and mid-to low-income single-parent families or the disabled were given priority). By the end of December, 48 people were appointed to serve at the Bureau and its affiliated agencies and district offices.
- (23) Meal Plan for Children and Youth from Disadvantaged Families: meal vouchers were given during the summer and winter vacations, to be exchanged for lunch boxes, rice balls and bread at designated redemption locations across the City; 2,731 people benefited from this plan in 2018.
- (24) Applying for the “Construction Plan for Community Daycare Infants Under the Age of 2” under the “Construction Plan for Low Birth Rate-Friendly Parenting Spaces” of the “Forward-Looking Infrastructure Development Project.” A total of 23 cases were approved in 2018, for a collective subsidization of NT\$31,610,000.

## *2. Women's Welfare*

The City's female population amounts to 1,401,576, making up 50.5% of the total population of the City. Various service measures are as follows:

- (1) General welfare for women
  - Founding of the Kaohsiung Association for the Promotion of Women's Right: Three team meetings and three commission meetings were convened in 2018.



- Promotion of gender mainstreaming: Nine gender mainstreaming exercise trainings were convened in 2018, attracting 365 participants.
- The “Pregnant Mother Resource Center and Postpartum Home Visit Service Matching Platform” was set up in 2 locations, providing care and parental courses for women from pregnancy until the postpartum period; 2,561 services were given in 2018. Postpartum home visit services were provided 820 times in 2018.
- Promotion of the “Friendly City Plan for Pregnant Women”: In 2018, 195 breastfeeding rooms were installed, 25 mother-infant friendly hospitals were certified, 40 maternity-friendly stores were recruited, and 1,458 accessible automobile and motorcycle parking slots were designated, creating a friendly environment for pregnant women.
- Launching Women, Children, and Youth Centers and Women’s Centers: Various facilities and consultation services were provided, benefiting people 397,567 times.
- The 2018 Women’s Day series activities adopted “Women’s Power” as their theme, emphasizing women’s participation aspects and influences in different areas of a diverse society. A total of 8 film exhibitions and 3 lectures were organized, attracting 1,810 participants. Over 30,000 visits were recorded on the event’s Facebook page, displaying the participation and concern of women’s issues.



Women’s Day Activity - Women’s Power Lecture

- Organizing the 2018 Kaohsiung City Mother’s Day Powerful Ma Celebration and selecting 50 Powerful Ma in seven major categories including “Perseverance Ma.” The event attracted 641 citizens to participate and its Facebook page generated 254,154 visits.
  - In response to the International Day of the Girl and the Taiwan Girls’ Day on October 11, activities were organized around the theme “She is Taking Off in Science and Technologies”. Lectures were held in campuses, with actions supporting girls’ diversified development in different fields. The event attracted 512 participants; its promotional short film attracted more than 12,000 visits.
  - Fostering Gender Awareness: Civic groups were commissioned to organize community training programs for gender equality promotion seeds. A total of 20 events were organized in 2018, attracting 357 participants.
- (2) Services for single-parent families and families in hardship
- Single-parent family service centers were set up in 5 locations, providing telephone outreach, home visits, on-site consultation, guidance services, parental training or parent-child activities, schoolwork tutoring, and supportive services for 19,823 times in total. In addition, promotional campaigns were



organized, attracting 2,159 participants.

B. To assist families in hardship to overcome living difficulties, subsidized measures are as follows:

A. Children’s living allowance: 653 people, totaling NT\$12,729,121.

B. Children’s nursery allowance: 26 people, totaling NT\$142,464.

C. Emergency livelihood support: 351 people, totaling NT\$7,378,333

D. Proof of tuition and miscellaneous fees exemption: 607 people.

(3) Services for new immigrant families

■ Setting up new immigrant family service centers in five locations and community service stations in 21 locations, providing counseling services, care and visitation, and group activities. A total of 55,310 people were served in 2018.

■ The “Relief Project for Families with New Immigrants in Hardship Before Residency Registration” provided subsidies to 259 people in 2018, with a total amount of NT\$732,397.

■ The “New Immigrant Project Office” was set up, with a single counter to provide multiple language counseling services. In 2018, a total of 115 people received counseling and 36 were referred; two volunteer training sessions were organized; one interpreter training session was held to cater for 80 people, providing interpretation services to 23 cases. In addition, the “Kaohsiung City New Immigrant Multiple Talents Database” was established, providing a platform for talent matching services to new immigrants in the City.

■ Implementing the “Neighborhood Hand in Hand with Zero Distance” campaign, using multiple channels to deliver welfare and living information for new immigrant families. 21 sessions were organized in

2018, with 6,141 participants.

■ Empowering new immigrant group leaders, encouraging social participation and speaking for the rights of new immigrants, and reviewing the promotion of new immigrant services through study and workshop exchanges. 19 groups participated in these events. In addition, the guidance provided for group application for subsidies in 2018 was rewarded with 11 projects, benefiting 1,227 people.



New Immigrant Group Development Program - Workshop

(4) The “Domestic Violence and Sexual Assault Prevention Center, Kaohsiung City ” was set up to provide 24-hour services including emergency shelter, living care and crisis intervention. In 2018, 16,232 reported domestic violence cases, 1,151 reported sexual assault cases, and 1,164 reported sexual harassment cases were processed; it was also commissioned to implement the “Scheme of Case Management and Service Supervision for Sexual Harassment Victims”, providing services 2,130 times.

### 3. Senior Citizens’ Welfare

Senior citizens of the City amount to 416,436, accounting for 15.01% of the City’s total population. Various service measures are as follows:

(1) Placement and fostering

■ Elderly care, nursing and dementia care services: As of December 2018, Ren-





Ai Senior Citizens' Home had taken in 66 government-funded and 129 self-funded senior citizens. Since 2001, it has been transformed into an institution equally focusing on elderly care and nursing services by providing nursing beds. 79 seniors had been admitted as of December 2018. Dementia care started in 2008; 12 seniors were under care as of December 2018.

- Elderly apartments: 165 seniors have moved in as of December 2018.
  - “Supportive residences – homes for the elderly and community care service support center” was set up at Cueihua Public Housing in Zuoying District; 9 seniors moved in as of December 2018.
- (2) Senior citizens aged 65 and above who have registered their residency in the City for at least a year are subsidized for the deductible of their national health insurance premium; subsidies were provided a total of 3,022,937 times in 2018.
- (3) Special care allowances for mid- to low-income seniors: A monthly care allowance of NT\$5,000 is given to households with members unable to work due to the need to care for senior citizens with severe disabilities. Allowances were given a total of 2,565 times in 2018.
- (4) Long-term care service

- Home services: 64 service agencies were commissioned to provide daily life assistance and health care; services were given a total of 8,522 times as of December 2018. In addition, for physically disabled seniors that received home care workers' assistance in going upstairs and downstairs with the use of electric stair lifts, services were delivered a total of 3,221 times. “At-Home Bathing Service Vehicles for Disabled Seniors” were used to provide home visit bathing services for a total of 1,468 times in

2018.

- Implementing the improvement of obstacle-free environments for disabled seniors and adaptive equipment support; subsidies were granted 4,682 times in 2018.
- Thirty-two daytime care centers were set up; among them, 7 provided small-scale, multifunctional services. In 2018, admissions and services were provided 142,690 times. In addition, 9 family daycare centers and 33 daycare centers for senior citizens were established.



A day care center - rehabilitation exercises for seniors

- Nutritional meal service for the elderly: The service was provided by 51 agencies including the Senior Citizens' Service Center, district offices and civic groups. A total of 456,066 meals were served in 2018; community meal events were also organized in a total of 223 places, with 10,311 senior citizens participated.
- The Rehabilitation Bus shuttle service was provided to meet the transportation needs of senior citizens with moderate and severe disabilities. In 2018, 59,720 rides were arranged, serving 11,246 people.
- To coordinate with central government policies in promoting the “Overall Community Care Service System,” the Social Affairs Bureau and the Department of Health investigated long-term care service capacities of each district. As of the end of December 2018, 46 community-integrated service centers,



129 lane/alley long-term care stations and 660 contracted long-term care agencies were deployed, providing the citizens integrated and handy care services.

- In response to the institutional care needs of senior citizens with disabilities in medium- and low-income households in the City and alleviating the burden of care for families, Institutional Care Subsidization for Seniors with Disabilities was implemented. A total of 7,570 subsidies were granted in 2018.
- To promote the City's Long-Term Care 2.0 policy, a dedicated long-term care 2.0 portal was designated on the Social Affairs Bureau website. In addition, promotional events were organized in community care stations, various contact meetings, and disabled and elderly groups; 83 sessions were held in 2018, with 10,884 participants.
- Kaohsiung City Health Promotion 2.0: Occupational therapists and physiotherapists were brought to care stations to introduce health promotion services. In 2018, they reached out to 20 locations to assess the needs of the elders, design activity teaching plans and introduced 30 courses, providing services 19,394 times. From the teaching plans jointly produced by professional therapists and volunteers in the care stations, 20 were selected to print the "Kaohsiung Health Promotion 2.0 Teaching Plan Handbook", serving as an operational manual for volunteers at the community care stations and lane/alley long-term care stations, to improve the service quality.
- Applying for the Ministry of Health and Welfare's (MOHW) "Construction Plan for Long-term Care and Welfare Locations" under subcategory "Public Service Location Preparation" of

category "Urban-Rural Infrastructure" in the "Forward-Looking Infrastructure Development Program". A total of 14 cases were approved in 2018, for a collective subsidization of NT\$46,644,000.

- Applying for the MOHW's "Reinforcement and Reconstruction of Dangerous Public Buildings" under subcategory "Public Service Location Preparation" of category "Urban-Rural Infrastructure" in the "Forward-Looking Infrastructure Development Program". Two cases were approved in 2018, for a collective subsidization of NT\$3,398,000.

(5) Care services for seniors living alone:

- With coordinating efforts from 53 civic groups and 273 community care stations and district offices, telephone greetings and home visit services were provided to seniors who live alone 431,452 times in 2018.
- Assisting mid- to low-income senior citizens who live alone to install the emergency rescue and reporting system, providing 24-hour connection and reporting services 2,683 times in 2018.

(6) The Senior Citizen's Service Center and 14 social welfare centers administered senior citizen protection tasks. In 2018, 677 cases were reported; among them, files were opened for 441 cases, and services were provided 14,023 times.

(7) Care for seniors with dementia: 304 specially made peace-of-mind bracelets that bear the names and contact information of seniors with dementia were provided in 2018. "The Dementia Consulting Hotline — 3318597" was set up, providing services 720 times in 2018.

(8) Social participation:

- There are 59 senior citizen activity centers or stations in the City. Among them,



- 11 have been transformed into “senior citizen welfare service centers.” In addition, guidance was provided to set up 5 regional senior citizen centers.
- The Southern Area Agricultural Garden for Senior Citizens was designated in Cianjhen District, for the use of 60 seniors.
  - Senior citizen workforce usage: Senior citizens aged 55 and above with special skills, who resides in Kaohsiung City and are willing to provide voluntary services, could contribute their expertise through teaching and passing down skills voluntarily. In 2018, 337 volunteers were recruited; 194 were nominated as pass-on ambassadors. Schools, communities, and welfare groups coordinated with pass-on ambassadors to give their knowledge in teachings. A total of 77 classes were held, benefiting 16,802 people. In addition, the “Pass-on Talent Show” was organized, inviting 20 pass-on ambassadors to demonstrate their multiple talents and teaching achievements.
  - Free public bus and boat rides and a 50% discount on MRT fares are given to senior citizens aged 65 and above, with household registration in the City and registered discount passes (senior citizen passes). A total of 15,732,856 services were given in 2018.
  - Pleasure coach for the elderly: The pleasure coach was created to take senior citizens to tour around the City’s municipal or tourist scenic spots; 118 tours were administered in 2018, serving 4,411 people.
  - The “Senior Citizen Early Craftmanship Booth” was installed on the first floor of the Senior Citizen’s Service Center to display traditional handicrafts and provide traditional skill demonstration and heritage education services, attracting 12,759 visitors in 2018.
  - 273 community care stations were set up to provide services such as care visits, greetings and counseling, meal delivery and recreational and leisure activities to the elders. Services were provided 2,223,581 times.
  - Micro-movie “Stationed Volunteers Made in Kaohsiung” was made in 2018, showing the training of community care station volunteers and their services. In addition, to acknowledge the dedication and hard work of the kitchen volunteers in care stations, a master chef competition “Delicacies Sans Frontieres” was held in 53 stations, with 300 participants.



Master Chef Competition in community care stations

- Implementing mobile touring of recreational and leisure services for the elderly: A mobile van was hired to tour around all districts at fixed times and locations, providing recreational, leisure and health consultation services. 157,557 people benefited from 2,109 tours in 2018.
- (9) Distribution of respect for the elderly bonuses for the Double Ninth Festival: In 2018, 395,522 senior citizens aged 65 and above in the City (including aboriginals aged 60 and above) were helped; celebratory events to respect the elderly on the Double Ninth Festival were also organized by the Social Affairs Bureau, all departments and public offices, with 239 events attracting a total of 213,277 participants.



#### 4. Disabled Welfare

The disabled population of the City amounts to 140,856, accounting for 5.08% of the City's total population. Various service measures are as follows:

- (1) Subsidies for daytime and accommodation care expenses: Disabled citizens in need of placement were settled in disability welfare institutions, nursing homes and senior citizen nursing centers in the City. In 2018, 4,624 people were taken in and subsidized according to the financial status of their families and the type of disability.
- (2) Subsidies for purchasing assistive devices for disabled citizens were granted 11,104 times in 2018, totaling NT\$113,211,649. An assistive device resource center was set up to provide rental, maintenance and inspection services.
- (3) Life reconstruction services were provided through farming and gardening programs as well as tea and snack workshops to enhance the self-care and working ability of the mentally disabled. Services were provided 334 times to 42 people in 2018.
- (4) The integrated welfare service center for the disabled: The Home for the Disabled is the first public institution in the City that provides education, day care and comprehensive welfare service functions for the disabled; 108 people with severe mental disabilities or higher received living care and accommodation care. In addition, day care services were provided for 27 mentally disabled children; 17 people were taken in the Daytime Community Workshop for Autism, 24 people at the Daytime Service Center.
- (5) Guidance for welfare institutions for the disabled to organize all-day/daytime care and nursing services: Besides the Home for the Disabled, the City has 22 institutions capable of providing care and nursing services for

1,112 people.

- (6) Transition of reporting and case management services for people with disabilities: The City's Education Bureau, Labor Affairs Bureau and Department of Health are invited to attend a joint meeting quarterly and to establish a reporting system. Services were provided to 1,236 people a total of 26,496 times in 2018.
- (7) Living subsidies for disabled citizens: For low- and medium-income disabled citizens who have not received placement in any shelter under government funding, a monthly subsidy ranging from NT\$3,628 to NT\$8,499 was granted according to disability levels.
- (8) Insurance subsidies for the disabled:
  - Extremely and severely disabled citizens were fully subsidized, moderately disabled citizens were subsidized for 50%, and mildly disabled citizens were subsidized for 25% by the central government for their National Health Insurance (NHI) deductibles. In 2018, 534,099 people were subsidized for a total of NT\$93,022,532. Mildly and moderately disabled citizens paying a comprehensive tax of 5% or lower and who had registered their residency for at least one year, or those over the age of 65 paying a comprehensive tax of 12% or lower, were subsidized a maximum of NT\$749 by the City for their NHI deductibles. In 2018, 621,980 people were subsidized a total of NT\$254,159,863.
  - For disabled citizens without health insurance subsidies from the City, if they have minor children aged 3 to 18 or children aged 18 to 24 who are continuing to study in day school systems, health insurance subsidies are granted. In 2018, subsidies were granted to 5,255 people, totaling NT\$3,870,262.



- Subsidies for deductibles of benefits-in-cash social insurance: Full amounts were subsidized for the extremely and severely disabled, 50% for the moderately disabled, and 25% for the mildly disabled. In 2018, 686,680 people were granted subsidies totaling NT\$213,585,381.
- (9) Temporary and short-term care services for the disabled: Private agencies were commissioned to organize fixed-location or home-visiting services. In 2018, services were provided 5,204 times with subsidies totaling NT\$4,791,505.
- (10) Home services for the disabled: Private agencies were commissioned to provide housekeeping and body care services. In 2018, services were provided 455,168 times with subsidies totaling NT\$302,119,184.



Home-based caregivers helping people with physical disabilities to move their limbs

- (11) Transportation discounts: Physically disabled citizens can apply for the Disabled Pass and the Disabled Companion Pass, which entitle the bearer to 100 free rides on city buses, ferries and privately-operated buses in urban areas, and a 50% discount on MRT fares. Subsidies were provided 3,993,034 times, totaling NT\$41,707,767.
- (12) Disabled parking permits in designated parking spaces: Disabled parking permits were issued to allow the parking of vehicles either driven by disabled citizens or their accompanying family members; 19,614 permits were issued in 2018.
- (13) Subsidies for house rentals and mortgage interest for the disabled were granted to 258 tenants and 34 house purchasers in 2018.
- (14) Necessary services were provided to hearing and speech impaired citizens of the City who participated in public affairs, with sign language interpretation services provided 1,965 times, sign language visual consultation services 306 times, and simultaneous listening and typing services 781 times in 2018.
- (15) Assistance services were provided for people with moderate visual impairment or higher and aged 18 and above. In 2018, services were provided 8,136 times, totaling 16,814.5 hours. In addition, taxi fares for outdoor activities were subsidized 4 times every month, totaling 4,560 rides.
- (16) Private resources were integrated to set up six day care stations, providing disabled people aged 15 and above with day care and occupational, craftsmanship, and gardening training services.
- (17) Guidance for private organizations to provide diversified services
  - Five “LOHAS Supply Station” was established to encourage the disabled to enrich their community life and participate in activities, serving 193 people.
  - Twelve community residential homes were set up, providing accommodation service for 56 people with disabilities and enhancing their independent living ability.
  - Community operating facilities were installed at 29 locations, providing skill learning courses for 459 disabled people and offering supportive services such as pre-employment attitude development and adaptive skill training.
  - Five family care stations were established, serving a total of 8 people. Care was provided to disabled people in the family



care providers' homes, including body, living and safety care.

- (18) Supportive services for independent living: Service plans were jointly formulated by social workers, peer support workers, personal assistants, and disabled people; personal assistants helped with activity participation. A total of 38 people were served for a collective length of 15,401 hours in 2018.
- (19) Allowances for disabled care providers: To relieve the financial pressure of family members who take care of the disabled, a monthly care allowance of NT\$3,000 was granted a total of 4,822 times in 2018.
- (20) Administering a new disability evaluation system: Review was completed for 47,518 cases in 2018, approving 28,183 disability certificates. Six promotional campaigns were organized.
- (21) Subsidies for assistive device power usage by people with disabilities: A total of 416 people were subsidized in 2018.
- (22) Private and government departments collaborated in establishing the first park dedicated to people in wheelchairs in Ciaotou District, offering rental of hand pedal bicycles and tennis and basketball courts for people with disabilities. Facilities were used 16,200 times.
- (23) Promoting and guiding disability-friendly stores in Kaohsiung City: Stores are encouraged and guided to install obstacle-free facilities and provide friendly services, thereby improving social participation and quality of life of disabled citizens. In 2018, 196 stores passed the friendly store accreditation.
- (24) Organizing a series of events for the International Day of Persons with Disabilities, including a press conference and 17 celebration activities, attracting 57,811 participants.
- (25) To help disability welfare institutions, groups, and shelters market self-made

products and to raise public awareness of the efforts of disabled people to pursue self-independence, a Mid-Autumn Festival gift box sample tasting and promotion press conference was held; total sales in 2018 reached NT\$14,928,643.

- (26) Converting idle spaces of the Gangshan Veterans Home of the Veterans Affairs Commission, Executive Yuan to a service institution for the disabled. The plan is expected to be completed in 2020, which will provide care and placement services to people with moderate disability and higher or those with severe emotional behaviors.
- (27) Implementing integrated services for the support of double-aging families of people with mental disabilities: assisting double-aging families to utilize care resources, reduce care pressure, and improve the ability of self-independence. 63 families received services in 2018.

### *5. Other Social Services: Funeral Services*

- (1) Currently, a total of 165 public cemeteries are available in the City. A total of 204,960 tomb spaces were initially planned with 26,890 currently available.
- (2) Statistics of funeral services in 2018: A total of 21,653 funeral services (First and second funeral halls include body freezing, make-up, coffin deposit, mourning ritual hall, etc.), 20,923 incineration services (First and second funeral halls include bones re-incineration, remains and ashes grinding, etc.), 75 applications for public cemetery spaces, 11,846 applications for columbarium niches, and 39 applications for burial at sea were recorded.
- (3) Statistics of approved (and reviewed) applications for the establishment of private funeral services in 2018: A total of 25 applications for establishment in Kaohsiung City were approved and another 45 applications were reviewed.



Table 5-2 The Number of Tomb Spaces Available in the Public Cemeteries of Kaohsiung City

Name of Public Cemetery	Quantity	Area(Ha)	Capacity	Available vacancies
Fudingjin Public Cemetery	0	0	0	Cemetry was relocated in August 2017. The site was reconstructed into Shuang-Hu Forest Park.
Shenshueishan Public Cemetery	1	91.82	14,457	3,325
Fongshan District Public Cemetery	1	3.15	1,169	Burial forbidden
Linyuan District Public Cemetery	5	18.13	0	Burial forbidden
Daliao District Public Cemetery	5	15.97	15,899	Burial forbidden
Dashu District Public Cemetery	9	34.92	11,287	Burial forbidden
Renwu District Public Cemetery	1	0.43	42	Burial forbidden
Dashe District Public Cemetery	8	5.85	1,774	63
Niaosong District Public Cemetery	4	15.81	29,465	Burial forbidden
Gangshan District Public Cemetery	10	17.80	5,150	Burial forbidden
Ciaotou District Public Cemetery	6	12.95	3,196	Burial forbidden
Yanchao District Public Cemetery	19	31.79	18,986	1,399
Tianliao District Public Cemetery	4	80.52	2,808	978
Alian District Public Cemetery	7	10.13	3,250	147
Lujhu District Public Cemetery	17	20.95	8,703	327
Hunei District Public Cemetery	5	13.97	4,718	1,539
Jiading District Public Cemetery	1	8.31	3,160	2,598
Mituo District Public Cemetery	1	0.94	450	Burial forbidden
Yongan District Public Cemetery	4	12.65	7,973	Burial forbidden
Zihguan District Public Cemetery	3	3.46	1,039	Burial forbidden
Cishan District Public Cemetery	5	40.81	8,868	Burial forbidden
Meinong District Public Cemetery	12	42.39	5,100	625
Liouguei District Public Cemetery	10	34.85	7,182	201
Jiasian District Public Cemetery	5	9.93	5,457	636
Shanlin District Public Cemetery	11	22.69	31,637	11,564
Neimen District Public Cemetery	11	95.38	13,190	3,488
Total	165	645.6	204,960	26,890

Source: Mortuary Services Office, Kaohsiung City



## II 、 Civil Organizations and Religious Activities

### *Civil Organizations*

An increase in civic consciousness has led to the rapid development of civil organizations. As of December 2018, a total of 5,039 civil groups were registered. To counsel these groups on group and financial affairs, the Kaohsiung City Government administrated the “Civil Group Manager Seminars” to reinforce group operating momentum. The city

government also administrated “Group Leader Discussion and Exchange” events to promote intergroup exchanges. A total of 200 leaders from registered businesses, freelancers’ organizations, and social organizations in the City were invited to participate in these events, enhancing social group leaders’ innovative thinking and enthusiastic participation in charitable activities. (Table 5-3)

Table 5-3 Civil organizations in Kaohsiung City in 2018

Type	Group	Amount
Vocational groups	Industrial organizations	2
	Commercial organizations	225
	Educational organizations	27
	Freelancers’ organizations	339
Social groups	Academic and cultural organizations	543
	Medical and sanitary organizations	69
	Religious organizations	242
	Athletic organizations	438
	Social service and charitable organizations	1,421
	International organizations	299
	Economic and business organizations	379
	Environmental protection organizations	68
	Clan associations	77
	Fellow associations	61
	Alumni associations	111
	Community Development Associations	736
	Others	2
Total		5,039

Source: Social Affairs Bureau of Kaohsiung City Government

December 31, 2018

### *Religious Activities*

A total of 1,475 temples were registered with the government, including 1,107 Taoist temples, 330 Buddhist temples, 23 Yiguandao temples,

and 15 Confucian temples. In addition, a total of 80 churches, including 3 Catholic churches, 74 Christian churches, 1 Tenrikyo church, 1 Scientologist church, and 1 mosque, were registered. A total of 9 foundations, including 3





Taoist temples, 3 Buddhist temples, 1 Yiguandao temple, 1 Catholic church, and 1 Christian church were registered. A total of 3,157 religious sites have not yet registered.

The City Government values religious groups and takes the initiative to understand their needs in a service-oriented and effective manner. The Government periodically holds sessions or seminars to introduce the latest relevant laws and regulations to the attending religious representatives, understand problems and assist in the solutions. Currently, the Government helps unregistered religious groups with their registration and legalization and endeavors to improve the internal organization of registered groups, aiming to regulate normal religious affairs.

The Government has endeavored to encourage religious groups to organize charity activities, publicly praise the religious groups for excellent performance, periodically organize observation and learning tours, reinforce the communication with religious groups and the clergy, build good

communication channels, and review and improve the government's performance in terms of religious affairs when necessary. At present, the Government is actively promulgating concepts of frugal celebration of festivals and eco-friendly temples, as well as the development of multicultural religious tourism, which combines religious and tourist activities, to highlight history, religion, culture, and folk customs. In so doing, the Government anticipates the comprehensive presentation of local folk customs and culture, allowing local people to understand the history of Kaohsiung, and consequently promote international exchanges.



2017 Award Ceremony for Religious Groups of Excellence in the City of Kaohsiung

Table 5-4 Charity Activities Sponsored by Temples in Kaohsiung City

Unit : NTD

2001	425,829,375
2002	229,988,668
2003	347,892,159
2004	354,927,899
2005	308,833,870
2006	324,828,051
2007	351,336,201
2008	413,978,812
2009	458,593,742
2010	602,454,555
2011	920,830,378
2012	735,872,585
2013	922,017,628
2014	979,050,102
2015	940,376,098
2016	853,727,178
2017	903,906,530
2018	752,044,455

Source: Civil Affairs Bureau, Kaohsiung City Government



### III 、 Community Development and Social Work

#### Community Development

1. As of December 2018, a total of 736 community development associations were registered in Kaohsiung City, with the highest number of 69 associations in the Fongshan District, followed by 51 associations in the Lingya District.
2. To cultivate community capacity, build the City's community empowering model, and promote community vision fostering centers, community study courses were held, with 4,601 participants. In addition, the City adopted a public-private partnership mechanism to make use of university resources, promoting youth participation of community works and encouraging young people to return to their hometowns and use their expertise, interest, creativity and enthusiasm to integrate into local communities. In 2018, a total of 70 groups assisted in community development and activation.



Community empowerment results exhibition

3. To promote community-based welfare, the Bureau provided guidance to 12 community development associations to organize team empowerment and welfare trial-run preparation plan; 11 communities such as the Lujhongmiao Community in Cianjhen District, the Bunan Community in Zuoying District, the Siouchang Community in Nanzih District, and the Tangchang Community in Cishan District, organized training of volunteers for domestic

- violence prevention, and multiple welfare services such as cross-generation integration of new immigrants, silver-hair groups and children.
4. The selection of community development work in the City was attended by 17 community development associations. The results of on-site selection were as follows: Bronze Outstanding Award - Wunsian Community in Linyuan District, Dahousie Community in Gangshan District; Outstanding Award – Jhongjhuang Community in Daliiao District, Datian Community in Jiasian District; Distinction Award - Singang Community in Yong'an District, Cueiping Community in Nanzih District, Yuanfu Community in Cishan District, Tangchang Community in Cishan District; Grade A and Feature Award - Sinhaiguang Community in Fongshan District, Neimen Community in Neimen District; Grade A Award – Tadi Community in Mituo District, Nansing Community in Meinong District, Bunan Community in Zuoying District, Guanshan Community in Jiasian District, Dalin Community in Cishan District, and Gaojiong Community in Taoyuan District.
  5. Guiding and assisting communities to organize social welfare project activities. Subsidies were granted to 341 proposals with a total of NT\$7,430,695, to establish community features and improve resident welfare.

#### Social Work

1. In line with the Executive Yuan's promotion of the "Program on Social Safety Net Capacity Building," the City has successively deployed social welfare service centers since July 1, 2018, increasing social worker manpower, integrating child protection and high-risk family services, establishing a centralized dispatch mechanism, implementing family support service programs,



and strengthening cross-system resource connection in the government, to build a more comprehensive social safety net.



#### Social Safety Net Capacity Building Program

2. As of December 2018, the Social Affairs Bureau and affiliated agencies employed a total of 449 social workers to carry out works associated with senior citizens, the disabled, children and youth, women, social relief, as well as the prevention of domestic violence and sexual assault.
3. Social work professional development:
  - (1) To develop social workers' professional competence and improve the service quality of social work, professional workshops were held and on-the-job trainings were provided in cooperation with other social welfare organizations. Five classes were offered in 2018, benefiting 729 people.
  - (2) Promoting the implementation of the Social Worker Act: A total of 813 people were issued licenses and in practice by the end of December 2018.
  - (3) To ensure the occupational safety of social workers, the Bureau applied for the social worker occupational safety subsidy offered by the Ministry of Health and Welfare in 2018. A total of 348 people were granted subsidies.
  - (4) To improve project execution, cause-related marketing and fundraising abilities of non-profit organizations, four training courses were organized in 2018, with 543 participants; 32 training sessions, 2 workshops and a result presentation under

the service quality and digital information empowerment projects were also administered, attracting 770 participants.

### Voluntary Service

1. Twenty-seven competent city government authorities were involved in voluntary service; there were 2,215 voluntary service teams, with a total of 106,200 volunteers in 2018. In the social welfare category, there were 406 voluntary service teams, with 28,915 volunteers providing 2,452,370 hours of service in 2018.
2. A voluntary service resource center was set up to promote voluntary service. Services were provided 786,442 times in 2018. Four private agencies were subsidized to organize 22 sessions of educational training, attracting 1,540 participants.
3. 5,721 Voluntary Service Honor Cards were issued; 2,452 Social Welfare Voluntary Service Logs were distributed; a total of 33 stores were registered as Service Honor Card Discount Store.
4. Voluntary service promotion events were organized, such as "Silver Power Action for A Good Life", "Toy Sharing to Experience A Volunteer's Fun", "A Volunteer's Story" book fair, "Volunteer Sports Game", "Volunteer Service Achievement Sharing and Promotion Seminar" and "Youth Volunteer Service Achievement Sharing," with 10,158 participants.



International Volunteer Day - Volunteer Sports Game



## IV、Labor Services and Welfare

### *Labor union group training*

- (1) Fosters the development of labor unions and various labor organizations in the city
  - In order to strengthen the functions of labor unions, in addition to reinforcing promotion through various gatherings, labor unions in the city are urged to register on the “Labor Union Management Network Information System” and fill in their basic information, elected staff roster, member status and hold various legally required meetings in order to accurately understand the current state of labor unions.
  - Assisted laborers in the city to organize labor unions in accordance with Article 11 of the Labor Union Act. In 2018, one joint organization, Southern Taiwan Federation of Labor Unions, was established. Eight enterprise unions were established, including: Labor Union of InfoChamp Systems Corporation, Labor Union of China Steel Chemical Corporation, Labor Union of China Steel Security Corporation, Labor Union of China Steel Express Corporation, Labor Union of Taita Chemical Company, Ltd., Labor Union of CHC Resources Corporation, Labor Union of China Steel Machinery Corporation, and Labor Union of Chung Nan Bus Traffic Incorporation. Five vocational unions were established, including Vocational Union of Kaohsiung City Wastewater Treatment, Vocational Union for Kaohsiung City Computer and Information Device Maintenance Technicians, Vocational Union for Translators and Interpreters in Kaohsiung City, Vocational Union of Kaohsiung City Financial Information Analysis Service,

and Vocational Union for Assistive Device Design Planning and Sales and Service Workers. Three industrial unions were established, including Taiwan Financial Service Industrial Union, Taiwan Fruit Carving and Vegan Food Service Industrial Union, and Taiwan Food, Beverage and Hotel Service Industrial Union. A total of 17 labor unions were established and received assistance. One corporate labor union was transferred to Kaohsiung City: Labor Union of Crane Electronics Corporation

- (2) Organized annual model laborer selection to commend their achievements

#### Model Laborer Commendation Ceremony



In accordance with the “Key Criteria for the 2018 Kaohsiung City Model Laborer Selection and Commendation”, 55 model laborers were selected in the City.

- (3) Organized the “2018 Kaohsiung City Model Laborer Appreciation Trip” to northern Vietnam from July 23 to 27, 2018. A total of 67 model laborers and relatives participated in the trip. The event was concluded successfully with great efficiency.



## Labor education

### (1) Labor education guidance

A total of NT\$15,022,000 was allocated for the 2018 grant budget to subsidize 29 sessions held by labor unions and federations. A further 231 grassroots labor union sessions were subsidized, amounting to a total of 260 sessions with NT\$14,570,822 allocated.

### (2) Assisted labor unions to organize labor education and training briefings.

More than 365 labor union directors and officers were invited to participate.



Assisting labor unions to organize labor education and training briefings

### (3) Invited chairmen of labor unions in the city to attend “Meet the Chairmen: ‘On the Road to Happiness’ Labor Education Film Screening Event” at MLD Cinema from 10 a.m. to 12 noon on January 31, 2018, with 196 people attended.

### (4) Kaohsiung Labor Monthly

The Kaohsiung Labor Monthly was transformed into the “Gong-Dai-Jih” bimonthly in July 2017, and have published six issues and one special edition in 2018. The bimonthly promotes and announces labor policy and laws, related information, and employment cases with colorful and eye-catching poster designs and straightforward in-depth coverage. With 18,000 copies printed per issue, the magazine features vivid and handy coverage that helps promote labor laws and policy outcome and encourages the

public to understand their own labor rights. The 2018 year-end edition was published, in which issues related to amendment of labor laws, employment studies, outcome of career development camp, visits and exchange reports of Labor Museum were covered in depth, allowing the public to further understand the main amendment and labor related studies. The magazine is available in both hard copy format and on the Internet.

### (5) Radio programs

Produced labor education radio program “Labor Board for Teens” in collaboration with National Education Radio. A total of 52 episodes were broadcast from 8:00 p.m. to 8:30 p.m. every Saturday. In the program, professionals from various fields and industries were invited to share their real stories and useful techniques in the workplace, including expression ability, planning ability and interpersonal skills. In doing so, young audiences could quickly understand workplace environment and nurture their professional skills, and eventually gain substantial control over their lives.



Labor education radio program “Labor Board for Teens”

### (6) Labor law education

- Regarding senior/vocational high school labor law education promotion, 13 schools established labor education related curricula in 2017, which benefited 4,480 students. 53 schools incorporated labor law education into their curricula to



teach 86,528 students.

- Innovative labor education campus touring lectures were planned, featuring five diverse types of presentations, including labor laws, laborers' stories, voice from the workplace, labor theater, and video screening, so as to raise teenagers' awareness of labor issues with visual and hearing stimulations. 78 lectures of different scale were organized at a total of 40 senior/vocational high schools in 2018, attracting 28,282 teachers and students.



Labor education touring campus lectures

- (7) Labor education instructor training for mid-level supervisors

Mid-level supervisors from every offices and the affiliated offices of Labor Affairs Bureau were invited to conduct a five-day labor education instructor training. A total of 50 people participated in the training. Classes included verbal expression training, physical expression techniques, PPT making skills, and four techniques to make you a presentation master. On the last day the training, students were selected randomly to perform teaching demonstrations. Students who completed the training were included in the labor education instructor database of Labor Affairs Bureau, which was then sent to senior/vocational high schools as reference for inviting labor education instructors.



Labor education instructor training for mid-level supervisors

## *Labor standards inspections*

- (1) Conduct labor inspection

In order to protect labor rights, the Labor Affairs Bureau made a list of key inspection targets in relation to commonly seen offences among business units and industries that incur regular violations. Apart from labor inspections conducted based on the public's complaints, project-based labor inspections were arranged in conjunction with the Ministry of Labor and various bureaus and departments of the City Government. A total of 4,369 inspections were conducted in 2018.

- (2) The Labor Affairs Bureau held 53 labor standards promotional events in 2018, with a total of 4,390 attendees. The events were designed to rectify business entities concepts regarding compliance with laws and enhance laborers' knowledge of labor standards through the promotion of labor-related laws and regulations.



Labor standards promotional event



(3) Conduct labor pension reserve contribution and auditing

In 2018, the Labor Affairs Bureau inspected 1,554 businesses in the City that had already opened pension accounts but had made insufficient contributions, and actively provided guidance. A total of 8,108 businesses that had not made monthly contributions were inspected. The Bureau aims to protect laborers' rights of receiving their pension fund and avoid circumstances in which laborers are being deprived of their proper security when they retire or are laid off.

(4) Labor awareness of safety and health and related policy promotion

From 2010 to 2018, 13 “Safety and Health Families” were established for the “aviation and aerospace engineering industry”, “environmental protection and sustainability”, “petrochemical industry”, “Chung Hung”, “Tension Steel”, “metal industry”, “campuses”, “International Medical Service”, “Taipower occupational

safety”, “public construction”, “Anchor Fasteners”, “Tai Shih Fu Enterprise”, and “Eternal Materials Co., Ltd.”. These families assisted disadvantaged SMEs in improving occupational safety skills, enhancing workers' work-related skills and knowledge, and protecting laborers' personal safety via safety and health subsidies, learning via observation, and knowledge management, etc.



2018 Occupational safety and health counselling service and orientation training

## Labor-capital disputes

(1) Processed labor-capital disputes in 2018

Table 5-5 Disputes by method of mediation

Unit: Case

Method of mediation	Total disputes in 2018
Mediation by NGO	2,121
Mediator from competent authority	1,133
Mediation Committee	637
Subtotal	3,891

Source: Labor Affairs Bureau



Table 5-6 Disputes by type

Unit : case

Type of dispute	Successful or unsuccessful	Mediation successful	Mediation unsuccessful	Mediation in progress (as of March 4, 2019)	Total disputes in 2018	Remark
	2018	2018	2018	2018	2018	
Pay dispute		1,233	411	0	1,644	Total number of cases includes successful, unsuccessful, withdrawn cases and cases that are under mediation.
Contract dispute		698	270	0	968	
Occupational injury dispute		265	86	6	357	
Retirement dispute		175	47	0	222	
Labor insurance dispute		74	25	0	99	
Other disputes		423	175	3	601	
Subtotal		2,868	1,014	9	3,891	

Source: Labor Affairs Bureau

- (2) There were 1,162 cases of labor-capital disputes submitted online in 2018, and 255 cases were withdrawn.

and their stress and fear for the sudden loss of income source during the litigation period are reduced.

### *Labor Rights Fund*

- (1) Grants were provided for labor union officers or laborers with registered address within the city and whose service was provided in the city, labor unions (or branch) with registered address in the city, and labor union officers or laborers with registered address within the city at the time of application.
- (2) In 2018, 72 out of 83 subsidy applications were accepted and 85 individuals were subsidized with a budget of NT\$5,011,325. Compared to 2017, the numbers of accepted applications and subsidized individuals decreased by 1 and 97 respectively, and the amount of living assistance granted increased by NT\$1,017,114. It shows that people are striving for their own labor rights through the help of the Labor Rights Fund's subsidy,

### *Occupational Safety and Health Inspection*

- (1) Categorization management
- Categorization management was implemented according to scale of the business units, frequency of disaster occurrences, and severity in order to map out key inspection criteria, and allocate professional human resources to key disaster prevention tasks. In total, 18,568 labor inspections were carried out. The death toll of major occupational accidents was 37 in 2018, decreased by four compared with 2017 (41 deaths). The city will continue to strengthen disaster prevention measures to protect laborers' life and property and ensure their safety.





## (2) Occupational Safety and Health Forum

To prevent occupational hazard and ensure the workers' safety and health, Labor Standards Inspection Office of the Labor Affairs Bureau organized 2018 Occupational Safety and Health Forum in collaboration with China Steel Corporation. Safety and health management measures including environmental or operational hazard identification, evaluation and control, safety and health operational standards, procurement management, and contractor management were discussed in the hope that state-owned and public enterprises can be the role model in implementing construction safety management, raising contractors' and laborers' awareness of work safety, strengthening disaster prevention measures, and creating a safe and friendly workplace.



2018 CSC Occupational Safety and Health Forum

## (3) Promotion / counselling

- Promote autonomous management of business units to implement labor education and promotion for employers and first-line laborers, so as to enhance their work safety and health concept. In 2018, a total of 284 promotion and guidance sessions were conducted for 15,132 people.
- Produced work safety e-papers and publish work safety news through news media and online media in order to popularize work safety culture and strengthen the public's concept of construction safety. Safety and health promotional materials

were also produced regularly for the business units and laborers' reference. Occupational safety posters were designed and distributed to business units so that they can be displayed in order to fortify work safety awareness.

- Organized "April 28 Occupational Safety and Health Day" activities, including "Perception Current Experience", "AED and Safety Equipment Display", "Safety Respirators Display, Respirator Fit Test, and Hearing Test", "Scaffolding Display and Falling Experience", "Workplace Assistive Devices, Vision and Hearing Loss Simulations and Intelligence Impairment Awareness Activity" and "Noises, Confined Space, and Chemical Hazard Display and 3D Films Screening" to strengthen occupational safety and health work, increase the public involvement in occupational safety issues, and nurture a good occupational safety and health culture. Meanwhile, health promotion activities showing disaster prevention equipment and offering on-site health consultation service and physical fitness evaluation were organized.



April 28 Occupational Safety and Health Day activities

## (4) Safety and health demonstrations

Safety and health demonstrations were conducted for high-risk workplaces for exchanges of disaster prevention technology. In 2018, demonstration and observation activities organized included construction safety for utility lines excavation, heat



hazard and fall prevention, workplace health promotion, construction safety management for confined space of building water storage pond, cutting/entanglement hazard prevention in the manufacturing industry and forklift operation safety, etc.



Utility lines excavation construction safety observation activity



Heat hazard and fall prevention observation and promotional activities



Workplace health promotion observation activity

## *Employment service*

### (1) Implement citizen employment programs

- In order to encourage youths with a college

education or above to live and work in the city, thereby increasing the employment rate and fostering industry development, the “Guidelines for Kaohsiung City Government Happy Kaohsiung Moving Allowance” has been set forth, under which a NT\$10,000 monthly allowance is given to qualified individuals who have registered residency in the city. The maximum allowance period is 12 months. There were 176 applications submitted in 2018; a total of 127 individuals were approved for the allowance.

- Organized the “Diverse Employment Development Program (NGO)” in 2018, where 17 programs were approved to provide 74 job opportunities.
- In 2018, 4 empowerment programs were approved to provide 39 job opportunities.
- In 2018, the summer job program for youth and students to work in the public sector was implemented, employing 355 part-time workers.

### (2) Employment rights protection

- In order to encourage businesses to actively implement the Act of Gender Equality in Employment, eliminate gender discrimination and achieve true gender equality in employment, 11 campaign events for “2018 Prevention of Occupational Discrimination and Promotion of Gender Equality” were held, attracting 624 participants.
- Job matching service and eight promotional activities regarding discrimination in employment, gender equality, and sexual harassment prevention measures were co-organized with Vocational Training and Employment Center of Labor Affairs Bureau in 2018, attracting 6,800 participants.
- In 2018, 15 false advertising complaints were received. In addition, consultation



service was offered on 127 occasions.

(3) Employment advancement service

- To satisfy employers' talent seeking needs and provide job seekers with diversified options of job openings, 406 talent seeking activities of varying scales were conducted in 2018. A total of 2,913

businesses participated, providing 76,431 job opportunities, with 12,092 persons initially matched, meaning an initial matching rate of 50.32%.

- Status of employment services in Kaohsiung City in 2018, as shown in Table 5-7

Table 5-7 Status of employment services in Kaohsiung City in 2018

Job seeking service			Recruitment service			Ratio of job openings to job seekers
Number of job seekers	Number of effective applicants placed	Employment rate of job seekers	Number of job openings	Number of people hired	Hiring rate	
69,820	40,023	57.3%	158,443	126,617	79.9%	2.27

Source: Labor Affairs Bureau

- “Campus Recruitment” activities were conducted in collaboration with public and private senior vocational schools and colleges in Kaohsiung City. In 2018, a total of 767 businesses were invited to offer 39,115 job opportunities, with 20,239 resumes delivered and 7,944 persons matched, representing a matching rate of 39.25%.
- 19 public and private senior vocational schools and colleges in Kaohsiung City were assisted in organizing campus recruitment fair and on-site or in-class promotional activities, so as to provide students with career, job training, employment opportunity and law consultation services and help them with future career planning, and eventually increase youth employment rate. 155 sessions of on-site service or in-class promotional activities were organized in 2018, providing legal and rights consultation, job matching, career counselling, and aptitude test services 14,891 times.



Promotional events in National Kaohsiung University of Science and Technology (Jiangong Campus)

- Youth Employment Academy promotional activities were organized to expand young people's understanding of public employment service institutions, related businesses and use of policy instruments. Group activities focusing on public employment service institutions, professional training, employment encouragement policy and useful e-resources were organized. Teenagers were assisted in self understanding, developing advantages through self-marketing classes given by professional instructors, and were given one-to-one



counselling under the Career Personality Aptitude System. Outstanding participants were selected to be camp counselors in the future activities. A total of 164 people participated in 12 sessions of activities held in 2018. The satisfaction rate of the whole event is 87%. Participants' understanding of resources of public employment service institutions and career planning increased by 23.4% after partaking in the activities.



Youth Employment Academy promotional activities

#### (4) Employment service promotions

- Employment E-papers, covering content such as employment service, job openings, occupational training, anti-fraud job search information, were distributed to various colleges and universities within the City's jurisdiction. 502 departments have subscribed, and the papers were sent 52 times in 2018.
- To provide citizens with faster and more convenient employment service, the i-Job App was launched. Citizens may utilize services such as online job search via mobile phone and online employment service by designated person, so that efficiency of the employment service can be improved.
- Electronic platforms such as @ktecJOB Facebook fan page and "Online Employment Service" were utilized to announce all types of employment information and recruitment events in order to adopt the trend in which youths

use the internet to search employment related information.

- The "Employment Service Vehicle" was used to serve citizens in remote areas and reinforce the community employment consultation service. In 2018, 132 visits were made by the vehicle, providing counselling service in 3,717 occasions, and 208 applicants were placed.



Mobile employment service vehicle

#### (5) Service plans for specific targets

- Working with correctional institutions, public/private schools or private organizations, employment service plans were devised for specific targets and the disadvantaged communities according to their respective job search needs. In 2018, 90 employment advancement workshops, workplace observation activities, and growth group courses were held, and 2,121 people were served.
- Resident employment matching service desks were established, to provide an employment matching platform for nearby citizens and residents in neighboring communities. 613 people were served at 78 hospital-based locations in 2018, effectively expanding the horizon of service. In addition, support groups for drug addicts were organized since 2018, helping drug addicts to find value of life and encourage employment. Eight sessions were held, with 435 drug addicts served in a total of 40 activities.



- “Counselling in Prison, Employment out of Prison” counselling program was co-organized with correctional institutions in 2018. In-prison promotional events including small-group employment promotion were organized for inmates one to three months before they were discharged. In addition to all sorts of employment resources, workplace survival skills such as job hunting skills, workplace ethics, and adapting to the workplace were also taught. In 2018, 57 events were organized, providing services for 1,928 participants.
- Organized 2018 Employment Encouragement Program for Homeless People. Homeless people with low willingness to work were invited to attend monthly development group activities to boost their willingness to seek a job, receive job counselling and find a job. In 2018, 88 homeless people were served and 33 of them found a job.

- (2) 35 classes such as “Material Handling Equipment Professional Training Class” and “European Country Handmade Bakery Class” and “Enterprise Resource Planning and Financial Management Practice Class” were outsourced to external operators to provide service for unemployed people in 2018. A total of 1,017 people participated in the classes and an employment rate of 76.8% was achieved three months after the training.
- (3) 40 professional and family caregiver training classes were granted subsidy and organized in 2018. A total of 1,226 people participated in the classes and an employment rate of 80.33% was achieved three months after the training.



Completion of caregiver training classes

### *Vocational training*

- (1) Organized orientation training by means of industry-training cooperation with two sessions being held in 2018. In each session, eight types of industry-training classes were offered. 292 trainees graduated in total, and an employment rate of 87.41%, was achieved three months after training.



Inauguration ceremony of industry-training cooperative orientation training

### *Foreign labor management*

- (1) Inspection
 

19,930 foreign labor routine inspections were conducted in 2018. There were also 84 cases of illegal hiring of foreigners without a work permit or with an expired permit, or hired by another employer, and 142 other illegal cases.
- (2) Consultation services and labor-capital dispute complaints
 

12,629 consultations relating to foreign labor agencies and legal consultations for employers were conducted in 2018. 19,200 foreign labor-capital dispute mediations as well as the verification of 6,885 early termination of blue collar foreign workers were processed.



(3) Foreign labor temporary shelter

In order to look after foreign dependent laborers and victims of human trafficking, emergency shelter services were provided by the Taiwan Labor Rights Association and Catholic Social Welfare Foundation. 2,765.5 people were sheltered in 2018.

(4) Promotion of Employment Services Act

- The National Immigration Agency, Ministry of the Interior has collaborated with the Kaohsiung City Department of Health to promote matters needing attention, health regulations, relevant legal rights, etc. for foreign workers working in Taiwan. Moreover, promotional events for family employers, business employers, foreign workers and private employment service agencies were also conducted. In total, 10 sessions were held, attracting attendance from roughly 664 people.

- Organized the “Community Caring for In-home Caregivers” touring events in Anyi Village Community Center in Sanmin District, Sincheng Community Center in Fongshan, Guomao Community in Zuoying, Kaohsiung Municipal Siaogang Hospital, Cishan Hospital, Lijih Sincheng Community Center in Gangshan District by promoting the laws and regulations, organizing checkpoint challenges, and giving out promotional leaflets. A total of 1,200 people attended the events.

(5) Organize cultural events of different countries

Cultural or religious events for various countries were held to mitigate the foreign laborers’ homesickness. In 2018, seven major events, namely the “Indonesia Festival”, “Pounce and Fly Thai Sports Festival”, “Bowling Contest”, “5 ON 5 Basketball Competition”, “Vietnam Cultural Festival”, “Multi-Cultural Trip to Kenting National Park” and “Volunteer Clinic for Foreign Laborers” were held, attracting around 5,605 people.



Vietnam Cultural Festival



Volunteer Clinic for Foreign Laborers



Indonesia Festival



Pounce and Fly Thai Sports Festival



## *Employment services for persons with disabilities*

### (1) Vocational rehabilitation case management

- In 2018, a total of 526 people received services and the service were provided 909 times.
- Individual employment counseling service was offered for persons with disabilities to enhance their employment preparedness and stability. In 2018, individual employment counseling services totaling 128 hours were provided for 16 people, and individualized service and training totaling 234 hours was offered for 39 people.

### (2) Organize vocational training for disabled people

- Courses were organized and classified into three categories: computer and information category, creative design category, and cleaning, agriculture and horticulture category. Various interdisciplinary courses were designed to provide appropriate courses. 12 courses based on nine categories such as “AutoCAD Drawing and 3D Printing Class” and “Art Design and Image Processing Class” were organized. A total of 115 people completed the courses and 80 of them were hired with an employment rate of 70%. Furthermore, 246 students participated in various Class C certification tests, TQC computer certifications and street artist label certification, etc. In total, 167 people passed the tests, achieving a qualification rate of 68%.

- B. Job training courses for six job categories including “office administration class” and the “organic farm practice class” under the individual job training plan were organized in 2018. A total of 79

students completed the courses and 59 people were hired, attaining an employment rate of 75%. In the second specialty training program, courses for five job categories including “advanced professional massage class” were organized, with a total of 60 students completing the courses, achieving an employment stability rate of 93%

### (3) Supportive employment services

Helped persons with disabilities return to society and adapt to the workplace environment and job requirements, thus achieving stable employment. Private organizations’ resources were utilized to provide supportive employment service, successfully recommending 2,308 people for general employment and 466 people for supportive employment.

### (4) Sheltered employment service and product marketing:

- There are 10 sheltered workshops in the city with 167 sheltered disabled laborers. In addition, scholars and experts are hired to assist in the management of these workshops and protect the work rights of sheltered workers.
- Commissioned to organize the “Plan to Promote the Products and Increase the Sales of Sheltered Workshops in Kaohsiung City in 2018” marketing event. Additionally, the sheltered workshops were subsidized to organize 10 marketing events.

### (5) Job redesign

In 2018, the city received 73 applications for job redesign from persons with disabilities; in total, subsidies granted amounted to NT\$1,953,906.

### (6) Organized business startup consultation and assisted self-reliance allowances

- In 2018, self-reliance allowances were granted for entrepreneurial facilities and



rent; in total, seven allowances were granted, totaling NT\$477,529.

- B. The “Entrepreneurial Horizon Broadening Plan for Persons with Disabilities” was organized in 2018. The actual sales revenue of the plan participated by persons with disabilities is more than NT\$850,000, exceeding the original goal of NT\$400,000.



“Good Products” - six professions and eight associations as well as medical organizations were invited to the Moon Festival charity sale event

(7) Employment services for visually impaired people

- As of 2018, there were 286 visually impaired masseurs within the Bureau’s jurisdiction. There were a total of 121 massage service locations within the city, including 17 massage centers operated by related organizations and 104 private massage parlors in Kaohsiung City.
- Organized the “Visually Impaired Masseurs Self-Marketing” program. In 2018, 20 massage experience events were organized to encourage the masseurs to market their own personal brands and develop popularity among consumers. A total of 120 visually impaired masseurs and more than 1,882 people participated in the events.



Ribbon-cutting ceremony of visually impaired masseur marketing events

- The “Vocational Rehabilitation Case Management for Visually Impaired People” has provided services for 50 people. And ten visually impaired people were offered individual consultation and counselling and individualized skill training for a total of 9.5 hours and 110 hours, respectively, based on individuals’ needs.

(8) Employment quota and financial incentives for hiring beyond the quota

In 2018, financial incentives were awarded to 151 firms and 959 people for hiring beyond the employment quota. In total, NT\$4,795,000 was awarded and 29 businesses were visited, achieving a visiting rate per quarter of more than 20%.

### *Labor welfare*

- (1) Consolation payments made to families of laborers affected by occupational accidents (please refer to Table 5-8)





Table 5-8 Consolation payments made to families of laborers affected by occupational accidents (2018)

Consolation payments made to families of laborers affected by occupational accidents (2018)		
Category	Number of persons	Amount (thousand dollars)
Deaths (300,000)	71	1,480
Disabled (Category 1~5) (30,000)	15	45
Disabled (Category 6~10) (20,000)	61	120
Disabled (Category 11~15) (10,000)	61	61
Total	208	1,706

Source: Labor Affairs Bureau

### (2) Labor accommodation

In order to provide stable living standards for laborers and assist them with accommodation, 90 and 84 residences were rented at the Fuxin West District Public Housing (Yixin 2nd Rd.) and Cianfeng East District Public Housing (Jiuru 4th Rd.) respectively, totaling 174 residences. In 2018, a total rent revenue of NT\$6,632,255 was received..

## *Labor education, entertainment and recreational activities*

### (1) Accommodation and Revenue of the Shihjia Guesthouse's basic facilities of the city's Labor Education and Life Center

In 2018, the number of accommodated individuals at Shihjia Guesthouse amounted to 20,355, generating an income of NT\$4,183,727. The venue was used by 22,830 people, generating an income of NT\$704,250.

### (2) Labor College

In 2018, the Labor Affairs Department offered four courses, which were attended by 148 people. The Labor Academy Department also organized 418 fitness and recreation, language, and living skills related classes; a total of 7,180 participants.



Assisting travellers in check-in



On-site guidance at the admission site of Labor College

### (3) Youth Creativity, Innovation, and Startup

To carry on the efforts of 2016 Youth Career Counselling and Startup Incubation program and 2017 Youth Creativity, Innovation and Startup Incubation program, the 2018 Youth Career Counselling and Startup Incubation program was organized. Since May 2018, Innovation & Incubation Center of National Kaohsiung First University of Science and Technology was delegated to organize 20



creativity, innovation and startup classes and two workshops. 22 classes were organized with 725 students participated. Business risk analysis was carried out 40 times. 16 business proposals were completed and five of them were provided with loans from Small Business Innovation Research program by Kaohsiung City, Phoenix Micro Startup Program by Ministry of Labor, and U-start Program by Youth Development Administration, Ministry of Education. The outcome presentation for young entrepreneurs were successfully concluded in the auditorium of R7 Creative Hub on October 31, 2018 with 321 people attending. Efforts are continued to be made for the development of youth creativity, innovation and startup in Kaohsiung and career counselling and increasing employment rate.



Outcome presentation for young entrepreneurs



Youth career counseling and startup incubation program seminar

#### (4) Labor culture

The first-ever labor-themed museum was established in Kaohsiung City. It is dedicated to the collection, storage, maintenance, and research of nationwide labor-related cultural relics, images, and historical materials, as well as planning the permanent and special exhibitions around the theme of labor. In 2017, the “Kaohsiung Laborers’ Stories” permanent exhibition was launched, and since then it has attracted 27,634 visitors.

## V 、 Sanitation and Health Care

### *Medical Care System*

#### *1. Medical Administration and Management*

- (1) Managed a total of 61 applications of medical institutions and a total of 12,267 applications of medical personnel in 2018, which included the opening, suspension, or termination of businesses as well as registration changes.
- (2) Supervised and evaluated the business operations of 3,025 medical institutions in Kaohsiung City.
- (3) Handled 152 petitions and medical dispute cases. In addition, 117 out of 152 cases were sent to the Medical Evaluation Committee for mediation and 46 cases were resolved.
- (4) Convened 6 medical evaluation committee conferences and mediated 82 medical related cases.



## 2. Emergency Rescue

- (1) Increased the quality and the resource of emergency rescue of Kaohsiung City
  - Conducted the regular inspection of 24 hospitals with first-aid capabilities of Kaohsiung City in 2018.
  - Supervised Qishan Hospital, Ministry of Health and Welfare to manage the "Emergency Health Care Incentive Program of Medical Centers Supporting Hospitals in Offshore Areas and Hospitals with Insufficient Medical Resources."
  - Promoted "Quality Assurance Program of urgent referral in 2018" to build the City's emergency referral network.
  - Cooperated with The Kaohsiung Department of Fire and Kaohsiung Medical University Chung-Ho Memorial Hospital Team to participate in the competition held by Office of the President Republic of China(Taiwan) and was awarded Top5 .



Project Team was awarded in the Office of the President Republic of China(Taiwan).

- Conducted a meeting with National Health Insurance Administration ,Public Health Bureau Pingtung County Government and hospitals with first-aid capabilities of Kaohsiung and Pingtung to improve the quality of emergency medical care in Aortic Dissection.
- (2) Ambulance management
    - Conducted the regular inspections of 7 private ambulance institution ,hospitals

and Kaohsiung City Fire Department for a total of 147 times. All of them complied with the law .

- The regular inspection of the ambulances were conducted for a total of 505 times and spot check were made for a total of 147 times.
- (3) Coordinating the hospitals with first-aid capabilities to set up a first aid station and organize medical staffs ,including a total of 26 doctors,132 nurses and 46 times of ambulance services ,in 38 large-scale activities held by the Kaohsiung City Government.
  - (4) Promoted first aid knowledge and skill
    - Held 231 CPR/AED training courses with 14,779 attendees.
    - Conducted 5 sessions of AED classes for administrator training, and 317 participates were accredited.
    - Cooperated with the Kaohsiung FengShan Branch Fire Department to promote CPR/AED training course to the security working in the apartment building
    - According to the result of the project OHCA Risk Mapping, which is conducted by The Kaohsiung Department of Health and Fire ,EMOC and Kaohsiung Medical University Chung-Ho Memorial Hospital , we conducted a program of first aid courses for the chief of Village in which the regional incidence rate of OHCA is higher than other areas.
    - Cooperated with E-DA hospital to hold a competition for CPR/AED teaching

## 3. Municipal Hospitals Management

- (1) Municipal hospital organizational restructuring for better performance
  - Established "Municipal Hospitals United Management Center Committee" convene a meeting regularly to supervise the operational performance of public



hospitals and the results of public health policy implementation .

- Kaohsiung Municipal Kaixuan Hospital passed “Symbol of national Quality Certification” in 2018 ;Municipal Minsheng Hospital passed “accreditation of new occupational classes in a teaching hospital Certification”and “Health Promoting Hospitals Certification” Municipal United Hospital passed “Hospital Certification” and “Medium Capability of Emergency Medical Service Evaluation”;Municipal Chinese Medicine Hospital was awarded “Outstanding Cooperative Institute in 2018 Patient Safety Week”.
- Enforced management contracts for third-party, privately managed municipal hospitals— Xiaogang, Datong, Qijin, Gangshan, and Fengshan hospitals — and earned royalties for the city’s treasury.
- Disbursed \$5,151,000 NTD in subsidy to assist disadvantaged individuals for medical care, helping a total of 1,791 people in 2018. Additionally, Department of Health pushed the subsidy program with help from public and private organizations including Department of Social Welfare, Research, Development and Evaluation Commission’s service center, 38 District Offices, 38 Public Health Centers, 66 City Legislator Offices, and 85 medical institutions.

(2) Subsidized Denture Program

- Implemented publically subsidized denture program for seniors with lower-middle-income or low-income, which was funded \$25,290,000 NTD by Social and Family Affairs Administration Ministry of Health and Welfare.
- Carried out a total of 3,540 dental screenings for senior citizens and provided full subsidization for 2,725 individuals to install dentures in 2018.

- Contracted with 314 dental providers for the publically subsidized denture program for seniors in Kaohsiung city .
- Received and processed 4,509 telephone petitions and counseling.
- Established “Free Denture Program for Seniors: Staff Meetings , Audit Committee Meetings”, convene a Staff Meeting , 11 Evaluation Committee Meetings ,6 Written review of the audit committee meeting



Free Denture Program for Seniors: Staff Meetings , Audit Committee Meetings)

- Transact “Assessments of Elderly Satisfaction Complete Denture survey Funded by KaoHsiung City” there were 1,678 valid questionnaires, and the analysis results were very satisfactory 52%, satisfactory 43.56%, no opinion 4.11%, dissatisfied 0%, and very dissatisfied 0%.

**4. Medical Services in Mountainous Regions**

- (1) Coordinated with Kaohsiung Medical University and its affiliated hospital to deliver specialty medical services to indigenous communities, thus lowering the barrier of distance, and increasing satisfaction and quality. Moreover, the public health center provided medical clinic service for 26,144 individuals; delivered 661 mobile medical services and served 5,826 individuals; 74 adult health screening sessions covering 2,301 individuals; held 90 health promoting



events with 4,241 individuals.

- (2) Assisted indigenous area residents with transportation aids for medical services with \$1,500,000 NTD subsidy; 1,524 individuals were benefited from the subsidy.
- (3) Promoted “Aboriginal Tribes Community Health Construction Program”, assisted Taoyuan District Kaohsiung Community Development Association and Maternal and Child Care Association, and Association for the cultural and education creativity of Kaohsiung Aboriginal people living in the community to receive “National Award of Outstanding Healthy Environment Construction in Tribal Communities”



“National Award of Outstanding Healthy Environment Construction in Tribal Communities” ); assisted Maolin Community Construction Association to receive “Award of Creative Policy Poster on Healthy Life” .

- (4) Participated in the 2018 AFHC Health City Award selection event; “constructing Kaohsiung with the concept of Green Health Tribal Community Construction “to participate in” Health Market Innovation and Development Category 1th: through health city plans to reach the sustainable Development Goals project and was invited to Malaysia to attend” 2018 AFHC Award selection International Publishing Conference” to enhance the city’s health Cheng City International can see.
- (5) Approved by the Ministry of Health and Welfare 107 forward-looking digital construction plan-to upgrade the Township

Health Clinic (room) and touring medical Point Network Quality Plan-to build the HIS&PACS system, the case funds NT \$1,705,000 to improve the quality of medical information system transmission, to provide complete medical and imaging services, to enhance the accessibility of medical treatment for indigenous peoples.

### 5. Public Health Center Management

#### (1) Function reengineering

Developed the roles and missions of health promotion and accessible outpatient medical services based on the unique characteristics of each region. 2018 Annual Health clinic function promotion and transformation work plan.

#### (2) Structural adjustments

Implemented the division of services at public health centers into two categories (category 1 and category 2). One category will specifically be responsible for disease prevention and health care while the other will focus on inspections and advisory services.

#### (3) Golden Health Center Award

Strengthened integration and execution ability of Health Centers and recommended outstanding Health Centers to join Ministry of Health and Welfare’s award evaluation, enhancing teamwork by public celebration. Assisted 2 Public Health Center to participate the 12th Golden Health Center Award Evaluation in 2018, and Qishan District Public Health Center was awarded “Promoting Health Awareness”.

### 6. Multifaceted Mental Health Promotion

#### (1) Mental health awareness and mental fitness promotion services

Handled counseling cases of 2,401 individuals including first counseling session of 289 individuals, and counseling services



at mental fitness centers of 2,112 individuals; also conducted 32 group counseling sessions with a total of 207 attendees, 5 occupational training sessions with 715 participants and 258 mental fitness awareness seminars with 18,344 attendees.

(2) Suicide prevention services

There were 5,377 individuals reported as cases of high-risk suicide and 39,134 in visiting services in 2018. From Jan. to Dec., 2018, preliminary statistics indicated 479 suicide victims. This number is smaller than the number of the same period last year by 7 individuals. Of the victims, 302 (63.00%) were male and 177 (37.00%) were female.

(3) Mental health, domestic violence and sexual assault prevention

During 2018, the mental health care covered a total of 20,983 individuals. In addition, Community Mental Health Center visited and tracked 116,129 individuals. On the other hand, domestic violence investigation had 33 sessions of evaluation, including 312 individuals held before adjudication, 436 new individual cases and 122 individual cases closed. 707 individuals received outpatient addiction therapies and psychological treatments. 330 individuals received mental counseling. The cognitive behavioral therapy and the group counseling for alcohol addiction were held for 2,421 individuals. A total of 205 sexual assault offenders received treatments, 231 individuals had their cases closed.

(4) Drug addiction treatment service

Ministry of Health and Welfare steered forward “Non-opium User Treatment Funding Program” to fight against the trend of younger drug users. Regardless of the age, every non-opium drug user was supported with \$25,000 NTD for treatment services. 4 hospitals including Kaohsiung Armed Forces General Hospital, Kaohsiung

Chang Gung Memorial Hospital, Kaohsiung Municipal Kai-Syuan Psychiatric Hospital, are contracted to provide treatment services. The referral process and application forms had been ready. According to the statistics, in 2018 there are 153 referred individual cases (26 cases by Department of Substance Abuse Control and Prevention, 1 cases by Education Bureau, Kaohsiung City Government, 43 cases by Kaohsiung Juvenile and Family Court, 32 cases by communities, 3 cases by private organizations, 44 cases by Kaohsiung District Prosecutors Office, 4 cases by Hospital Infection Department).

Kaohsiung City has been providing alternative treatment and related business, and in Kaohsiung City there are 10 alternative treatment providers including Kaohsiung Armed Forces General Hospital, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung Municipal Kai-Syuan Psychiatric Hospital, Cishan Hospital, Tsyur-Huey Mental Hospital. Zouying Branch of Kaohsiung Armed Forces General Hospital, E-da Hospital, Yuan's General Hospital, Kaohsiung Veterans General Hospital, etc. Until Dec. 31, 2018, there are 22,659 cases, and there are 1,625 cases are still under treatment. In 2018 1,870 non-AIDS cases are funded with the total expense of \$11,937,428 NTD in 2018.

(5) Building a superior smoke-free environment and promoting tobacco hazards prevention

■ Smoking cessation service

A.510 medical institutions provided smoke cessation outpatient services in Kaohsiung City. There were 112,289 individuals using the medical institutions, 5,729 using the free service line for smoke cessation and 255 medical counseling stations which served 5,288 individuals. A total of 399 medical staffs completed elementary



- and advanced training to be the smoke cessation counselors. Counseling service helped 345 individuals into quitting tobaccos.
- B. Organized 38 smoke cessation classes with 333 individuals, which had 82.28% of success rate to quit smoking in 6 weeks.
  - Promoting a smoke-free environment
    - A. Built 39 smoke-free environments and conducted 427 sessions of propaganda of tobacco control with 44,738 attendees.
    - B. Designated Chengcing Lake Designated Scenic Area a no smoking area except within the designated smoking area.
    - C. Designated sidewalks around 36 junior high schools as smoke-free zones.
  - Ensured youth tobacco hazards prevention. Set up smoking cessation classes and group counseling sessions for a total of 12 classes and 114 attendees.
  - Enhanced tobacco smoke pollution inspections to 36,647 stores, and made 1,343 administrative fine notifications.

### *7. Services for People with Disabilities*

Handled evaluations of disabilities, other related services, and “Technical aids for disabled persons” in accordance to "Person with Disabilities Rights Protection Act" and "Operation Regulations on Evaluation of People with Disabilities"

- (1) Published a list of 26 appointed medical institutions that offer evaluation services in Kaohsiung City, in order to provide convenience for people in need. In 2018 years 28,462 individuals were evaluated. (including 534 case in their place of residence).
- (2) Subsidized 3 medical centers including Kaohsiung Chang Gung Memorial Hospital, Kaohsiung Medical University Chung-Ho Memorial Hospital and Kaohsiung Veterans

General Hospital to allow them to set up an integrated medical service outpatient center for people with disabilities.

- (3) Established an "Evaluation Committee for People with Disabilities" and invited a representative from the people with disabilities' group to the committee's board, in order to assist in the evaluation tasks.

## *Health Care Service*

### *1. Maternal and Child Health*

- (1) Provided \$31,750,479 NTD in subsidy to high risk pregnant mothers for the healthcare and superior health screening fees of their newborns.
- (2) Promoted nursing and breastfeeding in the community: advised the establishment of nursery rooms in 195 institutions in accordance to breastfeeding regulations in public areas. Counseled 25 hospitals in Kaohsiung City in becoming mother/infant-friendly certified hospitals.
- (3) Fostered women-friendly medical environments: counseled 29 hospitals in Kaohsiung City in promoting the establishment of women-friendly medical environments.

### *2. Children Development and Preventative Care*

- (1) Provided 44,375 infants who aged between 0 to 3 with free postural development and child developmental screening and consultation.
- (2) Completed vision, strabismus, and amblyopic screening for 45,049 individuals. Referral rate for abnormal cases was 99.5%.
- (3) Provided free auditory screenings for neonates. 19,519 individuals completed preliminary screening, 1,389 individuals received secondary screening, and 153 individuals needed further screening, and 91.5% of which, 140 cases, have been



completed.

- (4) Provided subsidies for oral medical care to a total of 3,691 children with disabilities who were 12 or under.

### 3. Disease Prevention for the Middle Aged and the Elderly

- (1) Completed periodic health inspections for 40,467 elderly individuals.
- (2) Provided people over 40-year-old with integrated screening, adult preventive healthcare service and elderly disease prevention awareness lectures. In total 17,389 attendees in 166 lectures.
- (3) To promote Kaohsiung City's telehealthcare program, Provide services for cases with multiple chronic diseases especially hypertension in public health center, use wireless transmission physiological measurement equipment for case management, assist individuals to develop regular measurement habits. All physiological data was collected for diagnosis and care guidance. In 2018, 321 individuals had received services, while 18,851 blood pressure records were uploaded

### 4. Cancer Prevention

- (1) Encouraged individuals with positive test

results for cervical cancer, breast cancer, colon cancer, and oral cancer to transfer to a medical referral tracking system.

- Enhanced a convenient network for cancer health screening  
Cooperated with 1,047 local and regional clinics and health institutions to provide convenient screening services for the four major cancers.
- Established community screening stations  
The district public health center combined the resources within the community to provide 1,493 sessions of screening services serving 120,288 individuals.
- Established medical referral tracking system for positive cases  
Assisted 27 hospitals to enhance the quality of cancer care and strengthened the single-window system for screening services and positive cases.
- The screenings of cervical cancer, breast cancer, colon cancer and oral cancer were a total of 607,905 individuals and discovery of precancerous lesions and discovery of cancers were a total of 6,238 individuals and 1,762 individuals discovered with cancer. (Please refer to Table 5-9)

Table 5-9 Screening Results of Four Major Cancers

Uterine Cancer			Breast Cancer		
Screening Patients	Precancerous Lesion Patients	Cancer Patients	Screening Patients	Precancerous Lesion Patients	Cancer Patients
253,478	1,292	432	101,026	-	710
Colon Cancer			Oral Cancer		
Screening Patients	Precancerous Lesion Patients	Cancer Patients	Screening Patients	Precancerous Lesion Patients	Cancers Patients
152,981	4,563	395	100,420	383	225

Source: Health Promotion Administration, Ministry of Health and Welfare, Jan. 9, 2019





- (2) Awareness promotion for cancer prevention  
Cooperated with medical organizations, cancer patient associations, companies to hold innovative press conferences calling for awareness. Called for the importance of cancer prevention through various media sources such as the radio broadcasting, television programs, and print media to enhance the citizens' health cognition.

### 5. Long-Term Care

- (1) Kaohsiung City had 69 nursing homes and 83 home-based nursing centers; together, they can provide 4,806 hospital beds, day care service and in-home care services to 100 individuals.
- (2) Our city "long-term care administrative center" integrating resources and utilize the long-term care management system to determine the needs of individual case and provide "one application deliver complete set of services"
- (3) Provide variety of long-term care services.
- (4) Cooperated with the Ministry of Health and Welfare to evaluate and supervise the general nursing homes.
- (5) Organize long-term care service promotional campaign. Allowing Kaohsiung residents to aware and understand the function of long-term care service by printing and give away brochures, flyers or publish posters..
- (6) Dementia care service plan to set up shared care centers and dementia community service offices to provide dementia patients multiple services.
- (7) Conducted dementia prevention, deference and care programs to defer the disability for weak elders and persons with light to medium disability.
- (8) Community Integrated Care System - Community Integration Service Centre provides case management services by taking care of actual needs on a case-by-

case basis, and connecting with community or home services in order to meet the diverse needs of each case. In 2017, 7 Community Intergrated Services Centers were founded, and 46 centers were founded in 2018.

- (9) Promote long-term care services in remote areas, the Council in six districts Liugui, Jiasian, Tianliao and three Aboriginal zones, set up by the district health clinic as the center of the care sub-station in remote areas care centers were sub-station project, the establishment of long-term care apply a single window service, and regular meetings of the Committee to promote long-term care area, through the census and inventory of resources, integrate the area of long-term care community health care network resources, and join external resources cooperation and communication, and promote long-term care resources can be transported to remote areas of Proximity and convenience to improve the local population long-term care services.

## Contagious Disease Prevention and Control

### 1. Acute Infectious Disease Prevention

- (1) Influenza prevention and monitoring
  - A total of 279 severe complicated influenza cases were reported, 145 of which were confirmed; 179 influenza outbreaks were reported in 2018.
  - Strategies for Influenza Prevention and control
    - A. Healthcare System

Special clinics were set for influenza-like illnesses. 12 designated hospitals have infectious disease isolation wards to accept patients identified with category I and V infectious diseases. The number of medical institutions which provide



government-funded influenza antiviral drugs increased from 284 to 592.

**B. Government Preparation**

Integrated cross-department resources to control and prevent epidemic outbreaks according to Kaohsiung City’s seasonal influenza prevention cooperation policy.

**C. Health Education**

Held a total of 175 public health education sessions to promote all-rounded disease and influenza prevention and 8,815 children participated. Established an advisory hotline and updated the latest information on the website real-time.

(2) Enterovirus and enteric infection disease prevention and control.

- Education institutions reported 4,700 possible student enterovirus cases. There were 20 reported cases with severe enterovirus infection, 3 of which were confirmed. All reported cases were under control and received follow-up with healthcare education.
- All the infectious diseases were under well-control, and no transmission risk occurred.

**2. Vaccination**

(1) Anti-influenza vaccination results in Kaohsiung City(Please refer to Table 5-10)

Table 5-10 Anti-influenza Vaccination Results in Kaohsiung City

Target Populations \ Amounts of Yearly Vaccination	2014	2015	2016	2017	2018
Elderly (age 65 or above)	118,194	119,678	180,154	189,113	192,719
Medical and Epidemic Prevention Workers	37,457	37,630	33,972	46,476	45,405
Livestock farming and Epidemic Prevention Workers	920	748	806	482	597
Expanding Vaccination	-	-	42,017	-	7,746
High Risk Chronic Illness Patients age 50-64	7,390	6,986	141,340	144,663	140,385
Age 6 months to 3 years	20,455	20,994	40,117	42,873	38,434
Age 3 years to Pre-Elementary	13,570	13,627	30,642	31,029	29,157
Student	99,297	95,993	91,554	216,226	163,332
Total Amounts of Injections	297,283	295,656	560,602	718,249	664,419

Source: Influenza Vaccine Information System (IVIS)

(2) Regular vaccinations

- Vaccinations were offered in 220 contracted medical institutions to provide convenient service for citizens.
- The completion rate of regular vaccination (Please refer to Table 5-11)



Table 5-11 Completion of all types of vaccinations in Kaohsiung City

vaccines Year	BCG Single Dose	Var Single Dose	MMR First Dose	HBV First Dose	5in1 First Dose
2014	98.20%	97.69%	97.84%	98.24%	97.40%
2015	97.90%	97.42%	97.63%	98.21%	97.15%
2016	98.31%	97.90%	98.10%	98.77%	97.64%
2017	97.05%	98.15%	98.43%	98.88%	98.80%
2018	97.46%	98.25%	98.69%	98.98%	98.99%

Sources: National Immunization Information System (NIIS)

### 3. Vector-borne Disease Prevention and Control

- (1) Malaria prevention and control: Kaohsiung City had 2 imported cases.
- (2) Japanese Encephalitis prevention and control: 67 cases were reported and 8 cases were confirmed in Kaohsiung City.
- (3) Dengue fever and Zika prevention and control

- Assisted the Civil Affairs Bureau to guide the regional command center in each administrative district in order to promote the epidemic prevention resilience and mobilization capabilities.
- Epidemic control:
  - A. A total of 12 cases of Indigenous Dengue fever, 0 Dengue Hemorrhagic fever cases, 0 deaths and 44 imported cases.
  - B. No imported confirmed Zika cases and no Indigenous cases.
- Established a total of 551 volunteers as community patrol, executed 3,555 time on education with 308,837 attendees.
- Vector density surveillance
  - A. Performed vector density diagnosis for 3,365 villages and found 116 villages with a Breteau Index level of 3 or above. (Alert rate of 3.4%)



Breeding Sources Eliminate

- B. Finished Periodic inspection of the 7 types of high-risk areas and locations such as basements with standing water.
- In an effort to enforce regulations with its public powers, Department of Health issued a total of 773 notifications, and 240 administrative indictments.
- Innovations
  - A. Contracted with 539 clinics to execute “Integrated treatment plan for Dengue Fever Control.”
  - B. Implemented “Preliminary Plan for Infectious Disease Control at the Border.” Screened 10,938 foreign workers with 22 suspected cases.
  - C. Conducted “Dengue NS1 rapid test” for 8,601 captured mosquitos in each district of Kaohsiung City.



#### *4. Chronic Infectious Disease Prevention and Control*

##### (1) Tuberculosis (TB) prevention and control

- The incidence rate is 50.3 new TB cases per 100,000 population in 2018; the incident rate decreased 7.2% compared to last year.
- Latent TB Infection (LTBI) of TB Contact for directly observed preventive therapy (DOPT) implementation rate is 98.9%(national average 97.3%).The quality of DOPT was 90.9% (national average 88.8%).
- Combine with non-government organizations to chest X-ray for the economically disadvantaged, residents in mountainous areas, and diabetics. The discover rate was 77.7 TB cases per 100,000 population. The earlier that tuberculosis was discovered, the earlier that people will recover. Therefore, the community will avoid infections

##### (2) HIV prevention and control

- 261 newly infected HIV individuals in 2018. Annual number of infections decreased 11.2% compared to the same period last year.
- 70,936 individuals in high-risk groups received HIV screening.
- There were 4,333 surviving AIDS patients on record. Among the management of individual cases, 89% received medical care. Among the newly identified HIV cases in 2018, 94.86% got medical care within the first 3 months.
- In the AIDS reduction program for drug addicts, 548,075 clean needles and syringes were distributed and the recycle rate was 100%.
- Organized 793 AIDS prevention awareness campaigns and had 67,271 attendees.

#### *Business and Occupational Health Management*

##### *1. Business Sanitation Management*

Assisted business sanitation inspections and counseling in a total of 3,002 times businesses of the six major business types, which include hotels, spas, swimming pools, beauty parlors, entertainment businesses, and movie theaters. Collected 2,006 water samples in various swimming pools and 27 samples of them are unqualified, with an unqualified rate of 1.35%; collected 1,367 samples to test the quality of the water in spas, and 64 of them are unqualified, which indicated a unqualified rate of 4.68%.

##### *2. Occupational Health Management*

- (1) Coached businesses in health awareness, and a total of 250 units passed the Workplace Health Self-Verification Certification regulated by Health Promotion Administration, Ministry of Health and Welfare.
- (2) Provided health examinations for a total of 55,920 foreign laborers, with an overall unqualified rate of 0.90%.

#### *Pharmaceutical Affairs Management*

##### *1. Inspections of Pharmacies and Pharmaceutical Companies*

- (1) Simplified the registration process of pharmaceutical companies and pharmacists.
  - 526 new pharmaceutical companies registered in 2018; 887 pharmaceutical companies closed, suspended, or had their registrations changed.
  - 434 licenses of pharmacists were issued or terminated
- (2) Implemented the inspection system of



pharmacies and pharmaceutical companies.

Performed overall inspections into pharmaceutical companies and pharmacies including drug stores and terminated 14 permission licenses of pharmaceutical companies that were unknown or companies that had been out of business and, after on-site inspections, were found to no longer be in operation.

- (3) Implemented the Pharmaceutical Affairs Act and required the pharmaceutical companies to report the qualifications of their hired sales people. A total of 1,068 sales people registrations were reported or voided.
- (4) Held a total of 240 drugs-safety awareness campaigns at junior high schools, elementary schools, activity centers and large-scaled Kaohsiung City events. Had a total participation of 14,906 people.



school drugs-safety awareness campaigns

## 2. Drugs Management

- (1) In order to prevent the illegal uses of controlled substances, a total of 2,263 on-site inspections of Kaohsiung City's medical institutions were executed. 61 cases were found in violation of regulations and were all punished by laws.
- (2) Cracked down on a total of 301 cases of counterfeit, substandard, and prohibited drugs. (Please refer to table 5-12)
- (3) Drug advertisements control
  - Evaluated and inspected the con426cases were evaluated and a total of 426 cases were approved.
  - Strengthened the surveillance and control of advertisement contents and handled all unqualified cases according to laws and regulations. 5 cases of disapproved contents were found in Kaohsiung City, versus 277 cases in other cities and counties.

Table 5-12 Index of the illegal drugs seized in Kaohsiung City

Unit : Case

Year	Types of illegal drugs	Counterfeit Drugs	Substandard Drugs	Prohibited Drugs	Drugs w / Other Violations	Total
2014		8	2	39	319	368
2015		10	10	50	374	444
2016		5	11	49	442	507
2017		1	8	54	190	253
2018		2	10	33	256	301

Source: Department of Health, Kaohsiung City Government



### 3. Cosmetics Management

#### (1) Seized illegal cosmetics

In order to maintain the quality of the cosmetics sold in Kaohsiung City and to ensure the safety of the cosmetics purchased, Department of Health carried out periodic inspections of cosmetic labels and conducted multiple unannounced random sample inspections (Please refer to table 5-13). It also strengthened the surveillance and the banning of advertisements in violation of regulations at newspaper magazines, television stations, radio stations, and the

online contents. This increased surveillance protects the rights of the consumers by decreasing the number of exaggerated or disapproved advertisements. television stations, radio stations, and the online contents. This increased surveillance protects the rights of the consumers by decreasing the number of exaggerated or disapproved advertisements.

- (2) Cosmetics sanitation regulations promotion hosted a total of 350 people at 34 awareness seminars: "Cosmetics Advertisements and relevant regulation".

Table 5-13 Cosmetics inspection results in Kaohsiung City

Year	Number of Manufacturers Inspected	Number of Labeling Checks	Number of Quality Inspections	Number of Illegal Cosmetics Found	Number of Approved Commercials	Number of Illegal Commercials
2014	118	11,014	100	736	1,110	1,025
2015	130	11,620	67	572	1,362	1,037
2016	55	11,632	105	458	1,045	823
2017	138	4,333	83	114	0	589
2018	83	4,823	66	35	0	673

Source: Department of Health, Kaohsiung City Government

## Health Promotion and Marketing

### 1. Health Promotion

#### (1) Promoted "Community Health Building"

Mentored 68 community health building sites and promoted health-related topics such as building healthy living environment, vitalizing elders, smoke-free environments, and cancer prevention..

#### (2) Promoted "Building Healthy Living Environment"

- Built a weight-control support environment to open 20 weight-control classes where 550 people joined classes with an accumulative weight-loss of 1,029kg, held 144 nutrition counseling seminars where

3,928 people were consulted.

- Coached 11 restaurants to offer residents healthy dishes.
- Assisted 196 foodservice dealers near 98 junior high and elementary schools to make the caloric label on more than one dishes.
- Counseling community care centers and senior nutrition groups about 53 education classes where 3,313 people were participants. Counseling congregate meal centers and catering providers for senior about 50 education classes.

#### (3) Seniors' health promotion

- Cooperated with Public Health Centers, Senior care institutions, community



organizations to conduct weakness evaluation on 24,700 seniors over 65 years old; provided health education or referral for those who were evaluated as weakness.

- Encouraged seniors in communities to participate in community competitions and thus improve mental and physical health; held “Grandpa Grandma Go for Health” competition and “Elder-friendly Community” painting activity, with 3,166 elders and 5 teams from home care institutions in attendance.



Activities and competitions for the elderly)

- Cooperated with Health Promotion Administration’s caregivers and community organizations to host 80 “Dong Dong Exercise Classes”, where 6,028 people participated.
- (4) Accident and injury prevention  
Promoted home environment inspections for aborigines and new immigrants, which consulted with 245 families and hosted 114 lectures on children accident prevention with 2,350 attendees.

## 2. Health Promotion and Volunteers Training

- (1) Health marketing
- A. Arranged for various media sources such as radio stations and TV stations to display health-related information and responsibilities.

B. Distributed and submitted a total of 394 press releases.

- (2) Optimal usage on human resources in forming and training healthcare volunteers  
Integrated 85 medical healthcare volunteer service units of the city to utilize the available healthcare-volunteer manpower of Kaohsiung City effectively. 279 members had joined in 2018. In addition, 7 volunteer training courses were hosted and 902 individuals have completed volunteer training. In addition, 128 volunteers were recognized and awarded by the Ministry of Health and Welfare for their outstanding volunteer services; 321 volunteers were awarded by the Ministry of Health and Welfare, in the category of health and welfare; 357 volunteers received volunteer service medals from Kaohsiung City Government and 102 volunteers were awarded for the senior volunteer service by the Department of Health of Kaohsiung City Government.

## Food Safety Management

### 1. Food Sampling Inspection and Labeling Management

- (1) Randomly sampled 4,963 marketplace foods, festival foods, or seasonal foods and found 215 unqualified items. (Please refer to table 5-14)
- (2) Inspected 51,400 marketplace food labels and found 235 cases in violation of regulation, the unqualified rate of 0.46%. All violators have been appropriately penalized according to the Act Governing Food Sanitation Governing Food Sanitation. (Please refer to table 5-15)



Table 5-14 Food inspection result

Year	Number of total samples	Number of unqualified samples	Unqualified rate (%)	Remarks
103	5,585	208	3.72	
104	6,515	306	4.7	
105	5,657	212	3.75	More inspections conducted due to pesticide residue found on tea leaves
106	5,100	198	3.88	
107	4,963	215	4.3	

Source: Department of Health, Kaohsiung City Government

Table 5-15 Labeling management result

Year	Number of total samples	Number of unqualified samples
103	36,506	487
104	38,331	312
105	47,198	331
106	47,015	289
107	51,400	235

Source: Department of Health, Kaohsiung City Government

## *2.Handled All Types of Food Commercials in Violation of Regulations*

Total number of cases investigated over the years in Kaohsiung City (Please refer to table 5-16)

Table 5-16 Comparison chart of food advertisements investigated for violation

Year	Total	CATV & Radio	Printed Media (newspapers, leaflets)	Online
103	1,258	593	86	579
104	1,294	505	19	770
105	1,905	575	167	1163
106	1,933	626	12	1,295
107	2,059	645	12	1,402

Source: Department of Health, Kaohsiung City Government





### 3. Water Stations Management

- (1) Number of water stations in Kaohsiung City  
Total number of water stations in Kaohsiung City (Please refer to table 5-17)

Table 5-17

Number of water stations in Kaohsiung City

Year	Kaohsiung City
103	1,789
104	1,789
105	1,804
106	1,851
107	1,889

Source:

Department of Health, Kaohsiung City Government

- (2) Examined 959 water samples at water stations for heavy metal contents in 2018 (arsenic, lead, zinc, copper, mercury, and cadmium). One item was disqualified among those water samples, and all the other 985 items met the requirement. The disqualified water station has stopped business.

### 4. Food Sanitation Advisory in Tourist Attractions

Inspected the food sanitation of 543 vendors in tourist attractions and night markets in 2018.

### 5. Promoted The Food Industry Independent Management

- (1) Organized the Restaurant Sanitation Grading Certification in 2018, where 283 food suppliers were certificated.
- (2) Performed on-site inspections of the Hazard Analysis and Critical Control Points (HACCP) system of 45 food suppliers that supplied seafood, meat, meal box and dairy factories in 2018.

### 6. Food Safety and Sanitation Promotion

Aiming at students, women, and senior citizens, held 140 awareness seminars to promote food

safety and health education with a total of 5,845 attendees in 2018

### 7. Promoted Food Volunteers Program

- (1) Formed the team of 39 food sanitation volunteers. The team assisted in 1,704 cases of marketplace food labelling surveillance, inspection, and reporting.
- (2) Organized a total of 2 educational training session for food volunteers and 75 volunteers participated in 2018.

### 8. Source-Tracking Inspection of the Food Supply Chain

Inspected 568 food importers and 129 food manufacturers in the food supply chain in 2018 and all of them are qualified.

### 9. Coordinated with Kaohsiung City Prosecutor's Office for Inspection

Coordinated with Kaohsiung City Prosecutor's Office on "Joint Food Safety Inspection Platform" and investigated 10 major food safety incidents in 2018, including Nian \*\*\*\* Foods sold expired products.



Coordinated with Kaohsiung City Prosecutor's Office)



## Health-Related Laboratory Examination

### 1. Enhanced The Reliability and Credibility of Laboratory Examination Quality

- (1) Excellent quality control in the laboratory  
The laboratory passed 847 items of the laboratory accreditation of Taiwan Accreditation Foundation (TAF) and certified 943 items of the Food and Drug Administration (TFDA) that included food testing, blended Chinese/western medicines, and cosmetics. The number of certified items was the most in Taiwan and the lab retained international dual certificates of excellent laboratory to ensure quality testing

- (2) External evaluation of laboratory examination

The laboratory examination has been awarded the first place in group A by the Food and Drug Administration in “Laboratory Examination Evaluation of the National Health Policy Category” for 9 consecutive years.



Awarded first place in group A in “Laboratory Examination Evaluation of the National Health Policy Category” in 2018.

- (3) National and international proficiency and performance evaluation  
Actively participated in the proficiency evaluation by the Food and Drug Administration (TFDA) and UK’s Food

Analysis Performance Assessment Scheme (FAPAS), and was evaluated in 28 rounds covering foods and water quality; enhanced the examination skill and ensured the validity of the examination results.

### 2. Strengthened Food and Drug Testing Techniques

- (1) Inspected 9,452 cases (357,571 items) covering food, drug, commercial sanitation, water quality, residues of pesticides on vegetables, drug on animal products, and counterfeit foods.
- (2) Participated actively in the domestic and international seminars to present papers. At FDA 2017 “Food Sanitation Examination Technology Conference” presented 1 oral paper and 3 poster papers ; 1 poster paper was awarded excellent poster paper. At “2018 International Conference on Emerging Health Policies and Smart Medical Care (EHPSMC)” presented 2 poster papers and these papers were awarded the first place and the third place of poster presentation award in the social group of food and drug safety and management.



At “2018 International Conference on Emerging Health Policies and Smart Medical Care (EHPSMC)” , two poster papers was awarded first and third place.)

### 3. Other Services for Residents

Provided free and easy-to-use reagent test kits. Instruction manuals were included for citizens to test themselves and had been requested more than 500 times.



## VI、Drug Control

### *Control of stationary pollution sources*

In 2018, the number of registered drug abuse cases totaled 5,270, of which 4,449 were male (84.42%) and 821 were female (15.58%) (See Figure 1). By age, the majority of drug abusers were aged 40 to 49, totaling 1,550 persons (29.41%), followed by those aged 30 to 39 (1,505 persons or 28.56%) and those aged 20 to 29 (1,354 persons or 25.69%).

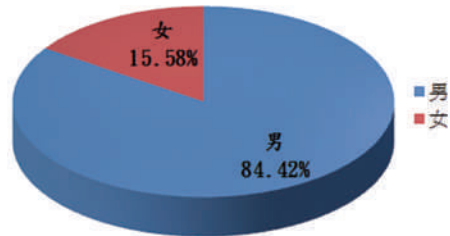


Figure 5-1 Gender analysis of cumulative registered drug abuse cases in 2018

### *Counseling and Intervention Services for Drug Addicts*

#### *1. Drug addicts tracking and counseling services*

Case managers provide psychological and emotional support, legal consultation, medical treatment for addiction, social welfare, and employment referral resources, etc. In 2018, services were provided for 41,080 cases (See Table 5-18).

Table 5-18 Analysis of tracking, counseling, and visitation services in 2018

Type of visit	Telephone interview	Home visit	Face-to-face interview	Other types of visit	Total
Cases	31,520	5,316	3,349	895	41,080
Percentages	76.73%	12.94%	8.15%	2.18%	100%

#### *2. Bridge counseling for drug addicts upon discharge*

Case managers take initiative to go to the correctional facilities and provide bridge counseling before drug addicts are discharged from prison. In 2018, a total of 107 group counseling sessions were carried out, serving 7,407 persons; individual counseling was provided in 60 occasions, serving 833 persons; 9 family visit days were arranged, serving 1,830 persons; and 4

family consultation sessions were given, serving 29 persons.

#### *3. "Leap for Dream" community support group*

Professional counselors were hired to provide drug addicts and their family members with emotional release opportunities and psychological support. In 2018, 48 sessions were conducted, serving 451 persons.



“Leap for Dream” community support group

### *D. Uncovering hidden drug abuse cases*

The scale of Narcotics Hazard Prevention Act promotion campaign was expanded to raise the public awareness of the provisions of Article 21. Hidden drug abusers were encouraged to seek help on their own initiative. In 2018, a total of 200 hidden drug abusers were uncovered.

## *Unified Planning with Vertical and Horizontal Resources Integration*

### *1. Holding Kaohsiung City Government drug control conferences*

Fifteen bureaus and departments under the city government pulled together to offer services ranging from preventive measures to counseling and intervention for drug addicts, together with the investigation and prosecution authorities as well as scholars, experts, and NGO resources. Two drug control conferences were held in 2018.



Kaohsiung City Drug Control Conference

### *2. Establishing network task force*

Relevant bureaus and departments under the city government were invited to study and discuss drug-related issues and coordinate the planning of the city’s anti-drug policies and strategies. Effectiveness of the network-based cooperation was reinforced through vertical integration and horizontal coordination of different bureaus and departments. Three work meetings were held in 2018.



Network task force

### *C. Benchmarking Camp for Drug Abuse Prevention Centers Nationwide*

Commissioned by the Ministry of Health and Welfare, the Department organized the first ever “Benchmarking Camp for Drug Abuse Prevention Centers Nationwide 2018”. Drug prevention and control specialists from county/city health departments and social affairs bureaus all over the country were invited to share and exchange their ideas on drug prevention and control work. A total of 144 persons participated in the event and shared the history about the setup of their substance abuse control and prevention departments. Kaohsiung was the first city to launch diverse measures for deferred prosecution, which received positive responses from various fields.



Benchmarking Camp for Drug Abuse Prevention Centers Nationwide 2018

#### 4. Kaohsiung City Drug Control Consensus Building Camp

To develop the professional knowledge and skills of Kaohsiung City's drug control officers and improve the overall drug prevention performance, the Department of Substance Abuse Control and Prevention held the "Kaohsiung City Drug Control Consensus Building Camp" on December 11, 2018 to make a field visit to the Drug Abuse Prevention Center of Tainan City Government and Ming-De Rehab Branch of Tainan Prison. Drug addicts' cases were shared and practical experiences were discussed in depth.



Kaohsiung City Drug Control Consensus Building Camp 2018

#### 5. Interdisciplinary symposium

- (1) The "2018 Evidence-based Medicine Theory of Drug Addiction" academic forum was held on September 12, 2018, inviting medical experts to discuss the feasibility of using transcranial magnetic stimulation (TMS) for drug addict rehabilitation.
- (2) The 2018 Kaohsiung City Drug Control Symposium was held on November 22-

23, 2018, where in-depth discussion on "drug identification technology" and "effective prescriptions for drug cessation from traditional Chinese medicine theory". More than 200 drug control professionals participated in the event.

- (3) The "Consensus Building Conference for Drug Control Strategies Using Traditional Chinese Medicine" was held on December 14, 2018, inviting experts and scholars in fields related to traditional Chinese medicine to build a consensus for drug control strategies using traditional Chinese medicine.



2018 Kaohsiung City Drug Control Symposium

#### Drug Abuse Prevention for Different Target Groups

##### 1. Caring for minor children of families involved in drug crimes through public-private collaboration

In 2018, 36 minor children of families involved in drug crimes were given counseling and caring service as well as resources referral service.

##### 2. Drug prevention seminars for special groups in Kaohsiung City

Various city government bureaus and departments, investigation and prosecution authorities, experts and scholars, and NGO resources and networks collaborated to create a nationwide networked drug prevention and control platform for different target groups including "in-



service (migrant workers), in-service (servicemen), in-school (college students)”. Six seminars were held in 2018 to formulate suitable drug prevention solutions for different target groups by discussing with the first-line agencies.



Networked drug prevention and control platform for different target groups

## Constructing a Preventive Protection Network

### 1. Connecting with Kaohsiung District Prosecutors Office for judicial cooperation

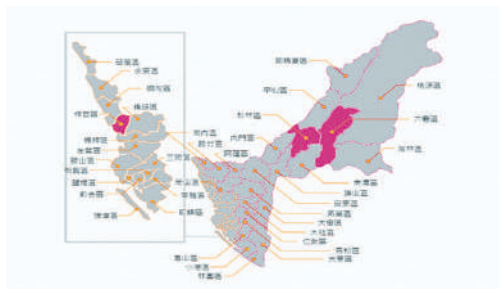
Connection was established with Kaohsiung District Prosecutors Office and four medical care institutions (including Kaohsiung Medical University Hospital, Chang Gung Medical Foundation, Kai-Syuan Psychiatric Hospital, and Tsyur-Huey Mental Hospital) for an innovative collaboration model to promote “Diverse Judicial Interventions Program for Zero Drug Hazard”. In 2018, a total of 245 deferred-prosecuted drug addiction cases with low medical intervention need and low recidivism risk were evaluated, and the Department of Substance Abuse Control and Prevention guided 29 of them to participate in social rehabilitation group therapy.



Leap ~ Non-medical Diverse Judicial Interventions Program

### 2. Studying intervention strategies for drug abuse hotspots

In order to construct an integrated drug prevention information platform, Kaohsiung Medical University was commissioned to compile drug prevention-related data from different bureaus and departments of the City, analyze and monitor trends relating to local drug abuse risk factors and protective factors, and hence enact practical, feasible, and geographically specific drug abuse prevention strategies.



Analysis of drug abuse hotspots in Kaohsiung City

### 3. Empowering drug addicts to become anti-drug seeds

The “Firefly Family” was set up to train and encourage recovered drug addicts to accompany current drug addicts in their way to drug rehabilitation. In 2018, 44 training sessions were held with 226 participants, and 16 ex-addicts were successfully trained to become anti-drug seeds.



They visited prisons, campuses, communities, and radio programs to share their successful experience of quitting drugs.



Public participation



Completion of training

#### 4. “Regulations of Executing Narcotics Prevention Measures for Specific Places of Business”

The Regulations of Executing Narcotics Prevention Measures for Specific Places of Business has been enacted on December 12, 2018. The Department of Substance Abuse Control and Prevention has informed the “specific places of business” in writing about the need to execute drug control measures, and provided them with drug prevention signs and leaflets detailing the Police Agency’s operational procedures. A promotional video is produced to augment the effect. Training for the drug prevention personnel and inspection guidance will also be planned in the future.



Promotional video for drug control measures in specific places of business

### Diverse Drug Prevention Promotions

#### A. Reinforcing age-, group-, and grade-specific promotions

Promotions of Article 21 of the Narcotics Hazard Prevention Act and the drug quitting hotline were conducted in conjunction with mega events using electronic and broadcast media. Suspected and hidden drug abusers were encouraged to receive the Department’s care and counseling. In 2018, a total of 447 promotional activities were held, attracting 95,948 participants.



Being interviewed in a TKTV program

#### 2. “Take It or Not ~ One Thought Mobile Museum” traveling exhibition

In collaboration with the Ministry of Justice, Ministry of Education, and the city government’s bureaus, the “Take It or Not ~ One Thought Mobile Museum” traveling exhibition was held at Pier-2 Art Center in August 2018. A total of 24 sessions were held, attracting 9,735 visitors.



### *3..The “Swinhoe’s Pheasant” Southern Taiwan Anti-drug Touring Truck kicks off in Kaohsiung City*

The “MOHW Anti-drug Touring Truck”– launch ceremony for Kaohsiung City tour was held on November 12, 2018. The truck toured around campuses, communities, and remote villages for eye-catching anti-drug promotions for 3 months from November 12, 2018 to January 27, 2019. In 2018, a total of 68 promotions were conducted, attracting 16,396 participants.



The “Swinhoe’ s Pheasant” Southern Taiwan Anti-drug Touring Truck

## **VII 、 Environmental Protection**

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### *Maintaining Air Quality*

#### *1.Control of stationary pollution sources*

- (1) (1) Strictly reviewing applications concerning new and existing stationary pollution sources  
In 2018, 44 applications for an installation permit, 25 for the change of permit, 83 for an operating permit, 388 for permit adjustment, 220 for permit replacement, and 232 for permit extension were received; 62 installation permits and 818 operating permits were issued.
- (2) Actively conducting audits and inspections  
In order to obtain an understanding of operations of process equipment and pollutant discharges in public and private premises, 1,137 processes with operating permits were inspected, and 776 audited in 2018. The inspection and audit record was entered into a computer for monitoring purposes.
- (3) Results of implementing emission reduction

measures

In 2018, 3 guidance meetings on the reduction of stationary pollution resources, and 6 meetings were held on petitions or reporting from the public where odor emissions from plants were concerned. Experts and scholars were invited to provide guidance on on-site improvements, with 8 guidance meetings on the reduction of dust dispersion from plants, and 1 demonstration meeting. A perimeter inspection of stationary pollution sources was conducted 25 times. Advice on on-site improvements was given to 3 chosen catering operators. In addition, the “collective burning of joss paper” and “cutting spending on joss paper and donating the money saved to disadvantaged groups” activities were carried out. The amount of joss paper collectively burned on Jade Emperor’s birthday was 111.69 tons, that on Tomb-Sweeping Festival was 232.52 tons, and that on Ghost Festival was 730.89 tons. The funds raised from “cutting spending on





joss paper and donated the money saved to disadvantaged groups” activity was NT\$2.46 million.

(4) Automatic continuous emission monitoring system (CEMS) for stationary sources

As of the end of 2018, 101 flues in 29 factories in Kaohsiung City were equipped with CEMs. In addition, there were 51 flare towers in 27 factories, with CEMs sending data to the Environmental Protection Bureau under Kaohsiung City Government. A Relative Accuracy Test Audit (RATA) had been conducted on 30 vent stacks, a Cylindrical Gas Audit (CGA) on 34 vent stacks, and an Opacity Audit (OP) on 31 vent stacks

(5) Volatile organic compound (VOC) emissions control

We conducted an inspection of 153 plants to see if they complied with the VOC Air Pollutant Control and Emission Standards, along with an audit on 80,117 components. An inspection of 6 vent stacks from which VOCs were emitted was conducted, and a perimeter inspection and vent stack odor test was conducted 30 times. 8 plants were tracked concerning whether improvement has been made in pollution reduction.

An inspection of the gas-oil ratio of 2,580 fuel nozzles in 130 gas stations was conducted in accordance with the Gas Station Gasoline Vapor Recovery Facility Management Regulations, and a gas leak test was performed in 70 gas stations. In 2018, the goal of reducing 38.99 tons of VOC air pollutant was achieved.

(6) Total amount control of air pollutants

The first phase of the total control amount of air pollutants in the Kaohsiung and Pingtung areas began on June 30, 2015 and ended on June 29, 2018; 457 plants with existing stationary pollution sources were monitored. The amounts of emissions confirmed in

the first phase were 13,712 tons of TSP, 48,824 tons of SO<sub>x</sub>, 58,018 tons of NO<sub>x</sub>, and 21,147.4 tons of VOCs. The specified amounts of emissions to be reduced in the first phase were 653.7 tons of TSP, 2,419.4 tons of SO<sub>x</sub>, 2,889.2 tons of NO<sub>x</sub>, and 1,048.1 tons of VOCs. As of the end of February 2018, emission reduction credits were issued for 374 tons of TSP, 1,190 tons of SO<sub>x</sub>, 1,915 tons of NO<sub>x</sub>, and 1,130 tons of VOCs; 21 cases of transaction transfer were completed.

### *2. Control of fugitive emission sources*

There are many construction projects in Kaohsiung City, including large-scale public works, area development, civil engineering construction, pipe laying, road construction, road repair, and asphalt paving. The Bureau actively conducts inspection of construction sites, as well as provides guidance and evaluation. Construction site observation is also conducted to encourage operators to strengthen pollution prevention. Several control measures are as follows:

(1) Construction site pollution control

- TSP monitoring around construction sites was conducted 10 times, and fuel testing of 65 pieces of construction equipment performed; 2 samples of unqualified machinery fuel were found.
- In 2018, inspection was conducted 18,909 times, and 4 sessions of regulation advocacy were held. 20 construction sites were evaluated, and 6 of these sites were praised for their outstanding performance in pollution prevention, from which TSP was reduced by 7,050.46 tons and PM10 by 3,916.92 tons.
- Regarding the control of fugitive emission sources in public and private premises, inspections of public and private premises with fugitive emission sources were conducted 2,413 times, and 298 demerits reported in 2018. 3 cases were disciplined according to the Management Regulations



for Facilities to Control Fugitive Dust Air Pollution from Stationary Pollution Sources.

(2) Street cleaning and road maintenance

To reduce wind-borne dust from moving vehicles, we have improved street cleaning and implemented relevant measures. It is hoped that these measures will help to prevent particulate matter from road surface from being dispersed, in order to effectively reduce the amount of wind-borne dust and maintain the cleanliness of roads in the urban area, whereby the air quality of the City will be improved. In 2018, 1,282 roads with a total of 1,855.2 km were inspected, 69,835 km of streets were cleaned by street washing vehicle, 12,888.2 km of streets were cleaned by Hybrid electric street washing vehicle, 8,464.4 km of streets were cleaned by sweeper (medium), and 21,879.6 km of streets were cleaned by compact sweeper, totaling 113,067.2 km of streets were cleaned, TSP was reduced by 1,560.3 tons, PM10 was reduced by 294 tons, and PM2.5 was reduced by 68.6 tons.

(3) Investigation and control of bare land and green landscaping

As of 2018, there were 528 air quality purification zones, with a green area of approximately 222.3 hectares. 4 more air quality purification zones were added with a green area of approximately 0.43275 hectares in 2018. Moreover, guidance on the greening of bare land was provided, with an area of approximately 17.6225 hectares being improved.

(4) Prevention and control of wind-borne dust along rivers

Two sets of PM10 continuous automatic monitoring equipment were set up around the Gaoping River and unmanned aerial vehicles were used for taking aerial photographs. In addition to the distribution of bare land

along rivers, pollution sources surrounding rivers (such as a sandstone storage yard and a dredging project) are also controlled. The Bureau further works with the No. 7 River Management Office of the Water Resources Agency, MOEA to cover bare land along rivers with green vegetation to control dust pollution. In 2018, approximately 36 hectares of bare land along the Gaoping River was improved; PM10 was reduced by approximately 6.38 tons. From January to December 2018, 9920.55 km of streets susceptible to dust emissions from the Gaoping River were cleaned, and PM10 was reduced by approximately 25.79 tons.

### *3. Control of pollution from mobile sources*

2.91 million vehicles were registered in Kaohsiung City; among them were 2 million scooters, and 900,000 gasoline and diesel cars. Management measures are as follows:

(1) Control of pollution from mobile sources

- Scooters: In 2018, random inspections of 766,792 scooters and periodic inspection of 1,111,314 scooters were conducted. A fine was imposed on 1,196 scooters due to late inspection. Two-stroke scooters with white smoke were stopped for inspection directed at particulate matter emissions. In 2018, inspection of 539 scooters was conducted for white smoke from their exhaust, with a failure rate of 16.5%. A notice of rectification within a deadline was sent to 497,309 scooter owners whose scooters failed a periodic inspection and improvement was not made within one month, after being stopped for inspection and failed, or were reported for emitting white smoke. The re-inspection rate was 58.75%.
- Diesel cars: The combined maintenance and inspection of diesel cars was promoted. 12 maintenance shops were



established to perform maintenance and inspection on diesel cars produced by original manufacturers. In 2018, emissions testing using a dynamometer on 11,879 diesel cars was conducted. The rate of diesel cars in use included in the management reached more than 98.6%. 998 diesel cars were stopped for inspection, with a failure rate of 24.9%. Fuel in 100 diesel cars was inspected, and that without any diesel car exceeded the regulatory standards.

(2) Promoting the use of low-emission vehicles

The plan to expedite the process of having two-stroke scooters scrapped was promoted. In 2018, subsidies were given to have 32,368 two-stroke scooters scrapped in Kaohsiung City, and to replace two-stroke scooters with 7,615 electric scooters, 1,376 electric bikes, and 93 auxiliary electric bikes.

(3) Continuing to promote public bike rental services in Kaohsiung City

- In 2017, the average number of people using public bikes was 12,943; each bike was used up to 6.23 times a day.
- In June 2018, riding injury insurance was introduced. If people were injured by riding a public bicycle, they would be guaranteed NTD 1,000 per day for hospitalization and NTD 1 million for death or disability. From August, HappyCash, iCash and EasyCard were gradually opened for use in the bicycle system, and IC Card registration functions were added at leasing rental stations to facilitate the immediate use of public bicycle APP after registering with major electronic tickets. Developed APPs to provide smartphone users with real-time information.
- 300 public bike rental sites were established: In 2018, areas where bike rental services were provided had

extended eastward to Dashu District, westward to Gushan District, southward to Linyuan District, and northward to Qieding District. Moreover, preferential measures for transfer between MRT and public bikes were provided; the number of people who transferred between MRT and public bikes was 71,700 per month, which accounted for approximately 18.2% of the number of people who used public bikes. The usage rate of public bikes was increased.

## *Control of Noise Pollution*

### *1. Designating noise control zones*

Noise control zones are reviewed and announced every two years with reference to the land use planning and land usage in the urban planning. Noise control zones are also strictly designated in accordance with noise conditions, i.e. raising noise control standards to strengthen the control of various noise sources.

### *2. Prevention and control of aviation noise*

- (1) The Civil Aeronautics Administration is asked to monitor aviation noise 24 hours a day. Noise control zones are revised and announced every two years in accordance with the monitoring data and noise line graphs provided by the Administration, in order to protect the rights of those who suffer from noise.
- (2) Assistance is provided to the Civil Aeronautics Administration to subsidize the establishment of soundproof facilities in schools, libraries, medical institutions, and houses within the aviation noise control zones in Kaohsiung City. Approximately 40,000 households have received subsidies.



### *3. Other noise control*

Other noise control, including traffic noise control, control measures on stationary noise sources, noise from folk activities, control measures on noise from exhaust pipes of vehicles in use and that from neighbors, is conducted in accordance with control standards. A notice of rectification within a deadline will be issued or a fine imposed in accordance with the seriousness of a violation.

## *Control of Water Pollution*

### *1. Promoting a discharge permit and reporting system*

2,068 plants under the jurisdiction of Kaohsiung City are listed for the control of water pollution, including 1,964 enterprises and 154 sewage treatment plants (among them, 12 are designated plants in industrial parks, 6 are public plants, 106 are community-based plants, and 30 are plants in designated areas or premises). They have been asked to apply for a Water Pollution Control Permit as per law.

### *2. Carrying out the “prevention and control, as well as management of water pollution in industrial parks”*

In 2018, an audit of designated sewage treatment plants in industrial parks and 237 enterprises was conducted, with 214 samples taken.

### *3. Public participation*

In 2018, 21 river and creek purification activities and 11 promotional activities were conducted on water-related environmental education. People who live near schools or in communities along the rivers gathered together to establish 29 river patrol teams to promote the river patrol task and the reporting of pollution incidents to achieve the goal of public participation

## *Soil and Groundwater Pollution and Remediation*

The City Government announced 90 soil and/or groundwater containment sites, including 20 remediation sites, 58 control sites, and 12 emergency response sites. The total area of announced remediation sites is 754 hectares.

## *Management of Drinking Water*

1. Tap Water Quality Monitoring: 23 controlled items of tap water quality are monitored on a regular basis. In 2018, a test on 585 samples (8,817 items) was conducted, with a pass rate of 100%.
2. Public and private premises are encouraged to perform maintenance on drinking water equipment and conduct drinking water quality testing on a regular basis in accordance with the Management Regulations for the Maintenance of Drinking Water Equipment. In 2018, maintenance/management of 428 pieces of equipment was performed, and testing of 303 samples for water quality was conducted; all of them were in compliance with the regulations.
3. Inspection of 10 water refill stations with groundwater as their water source and 756 with tap water as their water source was conducted, and supply permits were issued in accordance with the Management Measures for Kaohsiung City’s Water Refill Stations and Water Source Supply Permit.
4. 6 keynote speeches and regulation seminars on drinking water safety were held in 2018, targeting water station operators, medical institutions, city residents, and elementary school students in drinking water protection areas.



## *Management of Toxic Chemicals*

### *1. Issuance of permits, registration documents, approval documents, and approval documents for reference*

- (1) Permits: In 2018, 26 permits were issued to those who manufacture, sell, or import a large quantity of toxic chemical substances (including renewal, replacement, extension, and change of permits); 7 permits were cancelled.
- (2) Registration documents: In 2018, 60 registration documents were issued to those who use or store a large quantity of toxic chemical substances (including renewal, replacement, extension, and change of registration documents); 9 registration documents were cancelled.
- (3) Approval documents: In 2018, 514 approval documents were issued to those who manufacture, import, sell, use, and store a lower quantity of toxic chemical substances (including renewal, replacement, extension, and change of approval documents); 72 approval document was cancelled.
- (4) Approval documents for Class 4 toxic chemical substances: In 2018, 386 approval documents for reference were issued to those who manufacture, import, sell, use, and store Class 4 toxic chemical substances (including renewal, replacement, extension, and change of permits); 38 approval documents for reference were cancelled.
- (5) Submission of transportation slip copies: In 2018, 23,871 transportation slip copies were submitted in accordance with the Toxic Chemical Substances Transportation Management Regulations amended and promulgated by the Environmental Protection Administration under the Executive Yuan on September 28, 2009.

### *2. Operation inspection*

Personnel are dispatched to operators' sites to conduct operation inspection on a regular or irregular basis. In 2018, 23 incidents of violating operation inspection were reported.

### *3. Policy Promotion*

The Bureau timely held 11 policy meetings, conferences, group training sessions, and lectures to work in conjunction with the laws related to the Toxic Chemical Substances Control Act and announcements related to toxic chemical substances, in which relevant operators were invited to participate. Said operators responded well to these events, whereby the management of toxic chemical substances was effectively promoted.

## *Toxic Chemical Substance Disaster Prevention and Rescue Drills*

### *1. 6 sessions of field training regarding toxic disaster response were provided to the toxic disaster joint response team*

- (1) Sharing of toxic disaster rescue practice and cases
- (2) Toxic disaster rescue drills (operation of the Universal Leak Control Kit "AE"; tank movement operation concerning normal pressure pumps; use of, introduction to the limits on, and putting on, chemical protective clothing; introduction to the use and practice of leak stoppers for pipes; introduction to the use and practice of leak stoppers for large tanks)
- (3) Toxic disaster rescue drills (methods of operating leak-stopping equipment for chloride gas steel tanks (KIT-B); operation of leak-stopping equipment for chloride gas steel tanks (KIT-A); limits on the use



of emergency response containment vessels (ERCVs); introduction to operation methods and practice)

*2. Simulation exercises were held by the toxic disaster response center, along with toxic disaster prevention and rescue drills*

- (1) Exercises were held by Kaohsiung City’s toxic disaster response center.
- (2) 5 toxic disaster response drills were held.
- (3) 4 disaster prevention meetings were held

*3. Non-alert testing was conducted*

- (1) Non-alert telephone/fax testing was conducted on 44 facilities.
- (2) 20 sessions of on-site non-alert testing were conducted.

*Management of environmental agents*

1.1. Permits were issued to environmental agent vendors and pest control operators as per the Regulations for Environmental Agent Vendor and Pest Control Operator Permit Application and Issuance formulated by the central competent authority. In addition, an operational inspection and management of environmental agents was performed as per the 2018 Project on Audit of Environmental Agents to establish basic data on the operation of environmental agent vendors. In 2018, the City inspected 5 environmental agent manufacturers, 27 pest control operators, and 8 environmental agent vendors and fined 48 cases of not obeying the rule. An overall inspection of the accuracy and safety of storing, use, and labeling of the City’s environmental agents was conducted. The inspection of false, prohibited and poor-quality environmental agents was strengthened to ensure consumers’ safe application and the quality of environmental agents. In 2018, the City inspected 1,321 cases of

environmental agents; 39 cases of poor-quality, false, and prohibited environmental agents were found; 12 samples of environmental agents with effective ingredients were tested, one of which were unqualified and has been passed to Environmental Protection Bureau of Taichung City for imposing a fine.

- 2. To strengthen the promotion of safety use of environmental agents, in order for environmental agent dealers to conduct business as per relevant regulations, the Bureau held meetings on declaring the using amount of environmental agents for the manufactures, vendors and pest control operators on August 6, 2018. On August 19, 2018, it also held a meeting on the laws and regulations related to the safety use of environmental agents for the general public.

*Maintenance of Cityscape and Recycling of Resources*

- 1. The City implements an initiative on waste collection, i.e. the 3-in-1 Waste Recycling and Keeping Waste off the Ground. It is planned that recycled waste will be collected by a recycling truck following the garbage truck two days a week, which helps citizens to easily dispose of recycled waste when the waste is collected. It is expected that the appearance and environment of the City can be thoroughly improved with the waste being dumped into garbage trucks directly. In 2018, the household waste volume was 447,447 tons. The average amount of waste collected daily was 1,226 tons, reaching a waste reduction rate of -14.80%.
- 2. Promoting waste classification and recycling to achieve the sustainable use of resources has been an important issue of environment protection in recent years. Given this, the Environmental Protection Bureau under Kaohsiung City Government plans to promote various waste reduction and recycling policies, including the extended implementation of 3-in-1 Waste Recycling (the volume of waste recycled per



year is 627,654 tons and the average volume of waste recycled per month is 52,305 tons, with a recycling rate of 54.21%). Moreover, in relation to the policy of commissioning a private organization to handle the Central Government's public affairs, the Bureau has completed the "privatization of scrap car removal" (369 cars and 2,037 scooters were removed in over a year), as well as the outsourcing of recycled waste. Not only do these tasks save personnel costs of the Bureau, but they also save costs on establishing towing storage facilities and recycled waste sorting plants.

### 3. Inspection results of eliminating mosquito breeding sources

#### (1) Dengue fever prevention and control:

- To collaborate with the City Government's Joint Dengue Fever Inspection Squad, inspection of all agencies, schools, groups, and public and private premises in the City is conducted to detect possible dengue mosquito breeding places and to keep the dengue fever mosquito index below the standard value.
- A letter of rectification within a deadline will be sent to all owners of vacant land with a dirty environment based on the data on vacant land as reported by a District Office, or improvement in the vacant land will be made as per the standard operating procedure (SOP) for preventing and controlling dengue fever in Kaohsiung City. Moreover, the Bureau will dispatch personnel to the vacant land to conduct an inspection on an irregular basis. If no improvement is made, the owner, administrator, or user of the vacant land will be reported and punished as per relevant regulations of the Waste Disposal Act.
- Cleaning Squadrons of the Bureau in different Districts should clean away dengue fever sources mosquito breeding places in Districts where the Breteau index

level is greater than 2 and sites where the dengue testing is positive, as provided by the Department of Health. They should also urge owners, administrators, or users to eliminate mosquito breeding sources, in order to prevent dengue fever.

- The Deputy Mayor, the Department of Health, the Environmental Protection Bureau, and the Civil Affairs Bureau of Kaohsiung City Government, as well as heads of various Districts, shall urge residents of various villages to clean up areas where the dengue fever mosquito index is greater than 3, and eliminate mosquito breeding sources.
  - In 2018, there were 12 confirmed domestic cases. The suspected and confirmed cases shall be reported to the Centers for Disease Control under the Ministry of Health and Welfare or the Department of Health under Kaohsiung City Government. In addition, a district command center should be established by the local district office in coordination with relevant health, environmental protection, civil affairs, and police departments to carry out 3-in-1 prevention and control, in order to prevent further spread of the disease.
- (2) Results of the 2018 dengue fever prevention and control:
- 131,516 people participated in the operation; 15,872 organizations were inspected to eliminate mosquito breeding sources; 9,989 lots of vacant land were cleaned; 2,473,898 containers were cleaned; 23,902 waste tires were removed; 3,410 places where mosquito breeding sources were not removed were reported; insecticides were sprayed on 45,049 breeding places; 3,736 kilograms of insecticides were used; 15 promotional and educational sessions were held.



## Industrial Waste Disposal and Contro

### 1. Current Situation

According to the promulgations by Environmental Protection Administration of the Executive Yuan, the enterprises which should submit the industrial waste clearance plane to Responsible Agencies were about 3,438 firms in Kaohsiung City. 10,372 tons of industrial waste was produced per day, including 1,167 tons of hazardous industrial waste per day. Industrial waste managements are categorized into four clearance methods. During this year, there were 551,804 tons industrial waste managed by Commissioned & Joint clearance and disposal method, 250,358tons managed by Self clearance and disposal method, 2,980,551 tons managed by reuse mode, and about 3,080tons managed by export treatment. In the management of publicly or privately owned waste management organization, there were 621 waste clearance organizations..

### 2. Major work items and their effectiveness

- (1) According to the regulation which the enterprises should submit the industrial waste clearance plane, there were 1,595 cases requesting for examination for the year.
- (2) According to the regulation which the enterprises should submit the completion of being staffed with professional technical personnel, there were 433 personals being controlled.
- (3) Carry out on-the-spot inspection work of enterprises: Depending on different enterprises, inspecting work was executed infrequency by examining the situation of industrial waste storage, clearance, treatment and reuse. This year there were 1,329cases inspected and 736 cases accused according to Waste Disposal Act, and imposed fine

amount of12,293,900\$NT.

- (4) Management of industrial hazardous waste export permit: there were 19 permits in this year.
- (5) Cooperate with District Prosecutor’s Office, the 3rd Squadron of Environmental Police Unit to work together with Southern Branch, Bureau of Environmental Inspection for executing joint inspection of the offence of public hazards, so as to effectively deter unscrupulous firms who may damage the environment with arbitrarily unlawful dumping. 121 executions were performed in 2018, in which 44 cases were transferred to the 7th Special Police Corps, National Police Agency for law enforcement.

## Disposal and Management of General Waste

### 1. Current situation

AFollowing the paces of industrialization, Kaohsiung City is naturally found to have the life culture of general typical metropolitan area. There are a great deal general waste created during each time and space. It is an important issue to reuse waste to make environmental ecology sustainable. We especially take the waste disposal as the important administrative program of the city. The daily output of waste of the city is about 4,100 tons (including 2,250 tons of household garbage and 1,850 tons of industrial waste). Under the limited conditions of resources, the use and consumption of resources seem more valuable. Therefore, the modernized and new waste disposal concept is established on the structure of sustained development and reuse of resources.

### 2. Major work items and their effectiveness

- (1) Treatment of Nightsoil:  
In 2018the treatment capacity of nightsoil handled 73,736.73tons.





- (2) **Treatments of Sewage Sediments:**  
In 2018, the Da-Liau Landfill had treated 24,021.896tons of sewage sediments.
- (3) **Treatment of Ashes**  
In the years of 2017, Yan-Chau Landfill Plan Site appropriately provided the city with a disposal site handling the ashes which was produced by the City's Central, Southern resources recycling plant and Gangshan, Renwu incineration plant. The ashes had been treated 69,160.18 tons. Handling Luzhu district landfill activation project, estimated to provide 240,000 cubic meters of landfill space.
- (4) **Incinerator Ashes Reuse:**  
In coordination the Environment Administration of the Executive Yuan, the primarily strategy is reusing and secondary tactics pursue the final disposal site by the zero waste policy. In order to reduce capacity demands of burial plant, extend the burial plant service term and prevent environment polluted once again. Since 2017 incinerator Ashes Reuse executed ashes reusing already accumulative totally, 175,756.96tons. In order to enhance the feasibility of using renewable incineration granules in engineering, we plan to authenticate the quality of 6 CLSM pre-mixed concrete plant

## *Environmental Education*

### *1. Promoting the implementation of the construction of suitable homes*

To plan a friendly urban and rural environment for the City, an application for selecting a unit to promote EPA's Building a Friendly Urban and Rural Environment (at Top Level) project was made. Qishan District was selected as the unit to promote the 2018 Building a Friendly Urban and Rural Environment (at Top Level); it received a subsidy of NT\$26.67 million. Supervision of

Liugui District Office's implementation of the 2017 Building a Friendly Urban and Rural Environment (Runner-Up Prize) project was carried out; the project was subsidized with a total of NT\$6.42 million by EPA..

### *2. Promoting environmental education*

Environmental education is promoted in places under the jurisdiction of Kaohsiung City, of which school, social and environmental education, climate change, disaster prevention, nature conservation, prevention and control of public hazards, environmental and resource management, cultural preservation, and community participation are characteristic. As of the end of December 2018, guidance had been provided to 16 facilities, which obtained environmental education facility certifications from EPA; they included: Chouchai Wetland Park, National Science and Technology Museum, By Wood Artspace, Kaohsiung Metropolitan Park, Chengcing Lake Water Education Center, Takaohill Ecology Education Center, Dashu Wastewater Treatment Plant, Kaohsiung Science Park Wastewater Treatment Plant, Shoushan National Nature Park, Dashu Old Railway Bridge Wetland Park, Maolin Environmental Education Center, the Central Waste Recycling Plant of the Environmental Protection Bureau under Kaohsiung City Government, Coastal Campus of NSYSU, CPC Kaohsiung Refinery Environmental Education, Reclaimed Water Demonstration Park of NEPZ, and Qiaotou Sugar Factory Cultural Park.

### *3. Promoting the environmental protection volunteer program*

Private sector resources are fully integrated to encourage volunteers to promote environmental protection, and establish environmental protection volunteer teams. As of the end of December 2018, 689 environmental protection volunteer teams totaling 27,469 people were registered with the Bureau. In 2018, foundation, special, and capacity building training was provided; 19 sessions of



training were carried out, in which 1,901 people participated.

## *Environmental Impact Assessment*

1. The legalization of the Environmental Impact Assessment System is strongly promoted by the Legislative Yuan and the Environmental Protection Administration under the Executive Yuan. On December 30, 1994, the Environmental Impact Assessment Act was promulgated and put into effect. On October 25, 1995, the Environmental Impact Assessment Act Enforcement Rules was promulgated and put into effect. It is hoped that the implementation of the Act and the Enforcement Rules can help to achieve the goals of environmental protection and economic development at the same time. By taking environmental factors into consideration at the stage of planning various development projects, the objective of sustainable operation and development can be achieved.
2. The City actively promotes various economic development projects. Preventing pollution is an important issue of environmental protection in the City. To effectively prevent and mitigate the impact of the major development activities in the City, such as the building of factories, traffic construction, entertainment facilities, sports facilities, construction of cultural and educational institutions, medical facilities, skyscrapers, environmental protection construction projects, etc., the Environmental Protection Bureau under Kaohsiung City Government established an Environmental Impact Assessment Review Committee in accordance with the Charter of the Environmental Impact Assessment Review Committee of Kaohsiung City Government, the Environmental Impact Assessment Act and relevant regulations. It was hoped that an advanced open and fair review and assessment of development activities can result from the

participation of experts and scholars, as well as civil society. Also, supervision will be provided and an audit conducted at the construction and operation stages of various development projects to ensure the maintenance of the City's environmental quality. To adapt to an increase in the number of environmentally sensitive areas after the consolidation of city and county governments, as well as to elicit opinions from people in various industries regarding Environmental Impact Assessment cases, the approach taken by the Environmental Protection Administration under the Executive Yuan was followed: An ad hoc task force on issues related to the cases was formed, a preliminary review meeting was held, and guidelines governing the preliminary review meeting of the task force were formulated to make environmental impact assessment reviews more comprehensive.

3. In 2018, 34 applications for a review and 180 applications for supervision of environmental impact assessment were received.

## *Greenhouse Gas Reduction, Energy Saving, and Carbon Reduction*

1. The GHGs net emission in Kaohsiung City reached 57.4 million metric tons CO<sub>2</sub>e in 2017, delivering a 13.2% reduction compared with 2005 levels. The highest rate was from the industrial sector, which accounted for 82.51% among all emissions; followed by residential and commercial buildings, agriculture, forestry and fisheries sectors, and transportation sectors, which contributed to 9.38% and 7.29% of total emissions respectively. Since 2013, the Kaohsiung City Government has formulated carbon reduction strategies for manufacturing, residential and commercial buildings, transportation, agricultural and waste sectors. At the end of 2018, the first phase of the "Greenhouse Gas Regulatory Implementation Plan" was established in accordance with the "Greenhouse



Gas Reduction and Management Act” for achieving the objectives of being a sustainable and low-carbon city.

2. 2018 International Exchange on Environmental Protection: From June 18th to 25th, Kaohsiung City Government delegation participated in the ICLEI World Congress in Montreal, Canada, and gave presentations titled "What Kaohsiung Has Done for Climate Change" and "Promote the Reclaimed Water Industry to Achieve Circular Economy in Kaohsiung."
3. Promoting the implementation of green procurement in agencies, as well as private enterprises and organizations: The Bureau provided guidance to private enterprises, villages and communities, as well as private universities on signing the Green Procurement Agreement. 254 units declared green procurement, and the annual purchase amount was NT\$1.8 billion. Besides, green shops in the City sold green products worth more than NT\$600 billion. 132 green consumption activities were held, with 120,786 participants.
4. The Bureau cooperates with EPA on the Environmental Point Collection activity. Citizens of Kaohsiung City can acquire green points by using C-Bike and ARM. 6,818,520 green points were issued in 2017, and 12,774 people participated in this activity.
5. Promoting a low-carbon lifestyle: The Bureau held 29 innovative promotion activities with a focus on low-carbon lifestyle and climate change. Moreover, various lectures, as well as experien

Division according to the administrative districts. Each of the divisions had 3 auditors equipped with patrol car, wireless communication, auditing equipment, etc. Focusing on the public's complaints, air pollution, noise pollution, and water pollution etc., they go to the spot to inspect the situation within the shortest period of time. For those serious cases, the violators are advised to improve and even accused immediately.

### *2. Major working items and their effectiveness*

- (1) Auditing and Investigation of Violating Behaviors against Environmental Hygiene To maintain a clean and tidy appearance of the city and eliminate the dirtiness and untidiness, from Jan. to Dec. 2018 there were 229,800 violating cases of environmental hygiene, of which 30,080 cases were charged for violation of regulations.
- (2) Auditing and Investigation of Violating Behaviors against Air Pollution Control Law To maintain the air quality of the city and control the emission of pollutes caused from the fixed air pollution sources, any dust flying in the process of construction work and transportation, or any air pollution caused by the behaviors of burning, smelting, refining, cutting, etc., then from Jan. to Dec. 2018 there were 14,705 air pollution cases, of which 187 cases were charged for violation of regulations.
- (3) Auditing and Investigation of Noise Pollution Cases

To prevent any noise of factories (worksites), entertaining places, business places, construction projects, amplifier facilities, etc. from exceeding Noise Control Standards, Bureau of Environmental Protection would report any noise exceeding the control standard of the restricted district was created in accordance with law, and inform the noise

## *Environmental Inspection*

### *1. Current Situation*

There are 106 staffs in the Environmental Inspection Division of Bureau of Environmental Protection in the City Government. Of them, Field inspection Group (66 staffs) was divided into 3 District Patrol Divisions and one Water Pollution Patrol Divisions ,and one Tap Water Sampling



creator to improve within a limited period. If no improvement was made upon expiration of the period, or the noise still exceeds the control standard after improvement, the noise creator would be charged and punished until a complete improvement was done. From Jan. to Dec. 2018 there were 9,523 noise control cases audited, of which 110 cases were charged for violation of regulations.

(4) Auditing and Investigation of Violation of Water Pollution and Drinking

Water Management to prevent the emitted waste (dirty) water of business organizations from exceeding Water Emission Standards, the auditing staff of Bureau of Environment Protection went to various kinds of factories to make inspections every month. If the inspection value of water sample exceeded Water Emission Standards, the business

organization concerned would be charged and punished, and informed to improve within a limited period. If no improvement was made upon expiration of the period, the business organization would be punished day by day. From Jan. to Dec. 2018 there were 457 water pollution cases audited, of which 41 cases were charged for violation of regulations.

(5) Implementation Effects of Case Reporting Center

Environmental Protection Case Reporting and Servicing Center of Bureau of Environmental Protection offers 24-hour service, receiving the cases reported of violation of environmental hygiene, air pollution, noise pollution, water pollution, etc. From Jan. to Dec. 2018 there were 29,951 complaints from the public.

## VIII 、 Public Safety

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### *Public security related work*

#### *1. Criminal case analysis*

- (1) General crimes (including violence, theft, and others): In 2018, there were 28,256 criminal cases known to the police, 26,521 cases were cleared, giving a clearance rate of 93.86%. As for 2017, there were 30,442 criminal cases known to the police, with 27,478 cases cleared, and a clearance rate of 90.26%. Together, the clearance rate increased by 3.60% from 2017 to 2018.
- (2) Violent crimes (including robbery, forceful taking, murder and non-negligent manslaughter, kidnapping, intimidation and extortion, aggravated assault, forcible

rape): In 2018, there were 105 violent crime cases known to the police, 103 cases were cleared, and the clearance rate was 98.10%. As for 2017, there were 183 criminal cases known to the police, 192 cases were cleared, and the clearance rate was 104.92%. Taken together, the clearance rate dropped by 6.82% from 2017 to 2018. For forceful taking, the most commonly complained type of case by the public, there were 44 cases known to the police in 2018, but in the same year, 46 cases were cleared, resulting in a clearance rate of 104.55%. In 2017, on the other hand, there were 58 of such cases known to the police and 68 cases were cleared, resulting in a clearance rate of 117.24%. Together, the clearance rate decreased by 12.69% from



2017 to 2018.

- (3) Theft (including general, serious, vehicles, and motor scooters): In 2018, there were 5,244 theft cases known to the police and 4,982 cases cleared, resulting in a clearance rate of 95.00%. As for 2017, there were 6,893 theft cases known to the police and 5,830 cases cleared, resulting in a clearance rate of 84.58%. Taken together, the clearance rate increased by 10.42% from 2017 to 2018.

- Vehicle theft: In 2018, there were 231 vehicle theft cases known to the police and 179 cases cleared, resulting in a clearance rate of 77.49%. In 2017, there were 472 theft cases known to the police and 350 cases cleared, resulting in a clearance rate of 74.15%. Taken together, the clearance rate increased by 3.34% from 2017 to 2018.

- Motor scooter theft: In 2018, there were 989 motor scooter theft cases known to the police and 1,088 cases cleared, resulting in a clearance rate of 110.01%. In 2017, there were 1,779 of such cases known to the police and 1,784 cases cleared, resulting in a clearance rate of 100.28%. Taken together, the clearance rate increased by 9.73% from 2017 to 2018.

- (4) Fraud: In 2018, there were 2,573 cases of fraud known to the police and 2,780 cases cleared, resulting in a clearance rate of 108.05%. In 2017, there were 2,872 fraud cases known to the police and 2,779 cases cleared, resulting in a clearance rate of 96.76%. Taken together, the clearance rate increased by 11.29% from 2017 to 2018.

## 2. Criminal investigation achievements and outcomes:

- (1) Public security supervision and evaluation program: The Police Agency of Ministry of the Interior evaluated the performance of the city and county municipality police departments in 2018 in five major areas:

Stopping and preventing general crimes, cracking down on violent crimes (including murder and non-negligent manslaughter, robbery, forceful taking, kidnapping, forcible rape, intimidation and extortion, and aggravated assault), enforcing the law against illegal firearms, clamping down on fraud, and cracking down on theft (including general theft, vehicle and motorscooter theft, and bike theft). The results are summarized below:

1. General crimes: In 2018, the targeted number of cases known to the police was 30,442 while the accumulated number of cases known to the police was 28,256, resulting in 2,186 cases less (or 7.18% less) than the anticipated value.

2. Violent crimes: In 2018, the targeted number of cases known to the police was 183, while the accumulated number of cases known to the police was 105, resulting in 78 cases less (or 42.62% less) than the 2017 data.

3. Illegal firearms: In 2018, a total of 234 firearms were seized and identified to be lethal. This number was less than 244, the target value of 2017.



Cracking down illegal guns



4. Fraud: In 2018, 2,573 fraud cases were known to the police and 2,780 cleared, resulting in a clearance rate of 108.05%. In 2017, 2,872 cases were known to the police and 2,779 cases were cleared, resulting in a clearance rate of 96.76%. Taken together, the number of cases known to the police decreased by 299 (-10.41%), and the number of cases cleared increased by 1 (+0.04%). Together, the clearance rate increased by 11.29% from 2017 to 2018.



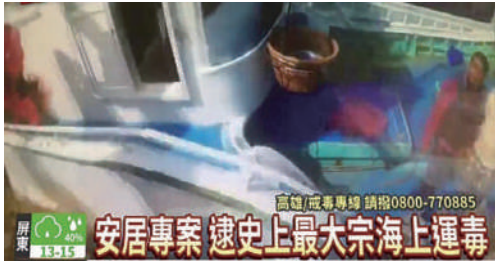
Blocking fraud crime

5. Theft: In 2018, there were a total of 5,244 cases, which was 1,649 cases less (or 23.92% less) than that of 2017, suggesting an excellent crime deterrent effect. In 2018, a total of 4,982 cases were cleared accumulatively (95.00%), and in 2017, there were 5,830 cases cleared (a clearance rate of 84.58%). Taken together, there was a decrease of 848 cases and the clearance rate increased by 10.42% from

2017 to 2018.

(2) Building a drug-free healthy city:

1. Kaohsiung City Police Department has continued to work on the drug bust program of the NPA, Ministry of the Interior. Aside from drug interdiction, the police also targeted the eradication of drug production, shipping, and trading by investigating and cracking down on the source of drugs.
2. Kaohsiung City Police Department and Prosecutor Office of Kaohsiung City District Court collaborated in implementing the project “Cracking down on drug trafficking distributors and retailers”. In order to halt the increase in initial drug users and reduce drug threats and related crimes in communities, the criminal investigation corps and Kaohsiung City’s police precincts have each set up a drug bust team to crack down on drug trafficking distributors and retailers to destroy drug supply chains and networks.
3. In 2018, a total of 1,769 cases cleared were related to Class A drug manufacturing, trafficking, usage, or possession, where 2,077 people were arrested and 8.01 Kg of drugs were seized. A total of 3,186 cases cleared were Class B drug manufacturing, trafficking, usage, or possession, where 3,801 people were arrested and 102.26 Kg of drugs were seized. For Class C drug manufacturing, trafficking, usage, or possession, there were 143 cases cleared, where 182 people were arrested and 5737.9 Kg of drugs were seized. For Class D drug related cases, there were 11 cases, where 19 people were arrested and 192.17 Kg of drugs were seized.



Living safely, cracking down on drug

- (3) Cracking down on street gangs: In 2018, the gangs prevention project has cleared 26 targeted cases (229 people) and cracked down on 77 gangs (696 people).



Cracking down on gangs

- (4) Aggressively enforcing the law against theft: In 2018, 3 major theft cases (4 people), 3,712 general theft cases including general and house theft (3,449 people) 179 car theft cases (93 people), and 1,088 scooters theft cases (333 people).

- (5) Other achievements:

1. The police cracked down on 225 cases (780 people) of pornographic activities, and 272 pornographic advertisements were banned.
2. The police enforced the law against 57 gambling video game cases (122 people), where 196 gambling video game machines and gambling money of NTD 257,535 were seized.
3. The police cracked down on 31 large profit-making gambling facilities (929 people) and 272 general gambling offenses (1,650 people).
4. The police arrested 5,169 escapees of various offenses.
5. Illegal immigrant investigation: A total of 148 runaway foreign workers were arrested, and 279 cases of crimes committed by foreigners (338 people) were cleared.

### III. Crime prevention achievements:

- (1) Building a community security network, setting up electronic community security systems, and implementing security and surveillance camera purchases and integration (including the setup, maintenance and operation, and the purchase of security and surveillance cameras) project:
1. Replacing 589 cameras of surveillance system which used more than 8 years and introduce immediate vehicle plate intelligent recognition system.
  2. To broaden surveillance system, extending 171 cameras with career feedback money and society resource.
  3. Bought 200 cameras (24 sets) of mobile surveillance system, providing precincts to cope with varieties of security and investigating special cases.
  4. In the 2018 surveillance system maintenance funding is 53,625,000. For



- surveillance cameras with an expired warranty at police precincts, each police precinct was authorized to request for tenders to increase repairing efficiency.
- (2) Community security patrol team recognition ceremony: In 2018, a total of 479 community security patrol teams were registered for assisting the police force, and after a careful evaluation, the police department and precincts selected 284 community security patrol teams demonstrating impressive performance: 57 teams with excellent performance, 85 teams with great performance, and 142 teams with good performance. A public recognition ceremony was held for these teams, and each team was awarded a work subsidy.
  - (3) Assisting communities applying for the Ministry of the Interior's secure community building subsidies: In 2018, 50 village and community security patrol teams were assisted in applying for the Ministry of the Interior's subsidies (NTD 80,000 per team) for purchasing security patrol equipment and paying for other related matters. Together, a total of NTD 4,000,000 was received from the Ministry of the Interior.
  - (4) Building community security:
    1. Emphasis on community security meetings: More aggressive actions were taken to organize community security meetings to acquire suggestions and comments from the general public, and the feedback collected was responded to accordingly. In these meetings, the police also worked on making people more aware of anti-fraud, anti-theft, scooter marking, anti-family violence, and disaster prevention policies. In 2018, a total of 338 sessions were held, and 24,571 people attended these events.
    2. Holding community security seminars and field visits: "2018 Community Security Seminar and Field Visit" was held to facilitate community security, to establish a pluralistic partnership, to strengthen the communication and coordination system, to utilize manpower and resources effectively, and to support sustainable community operations. There were a total of 209 participants, including chiefs of security promoting communities and villages, community security patrol team members, personnel from the police department and the fire department, and other community administration and community security policy related staff.
  - (5) Performance on community security patrol: In 2018, these teams assisted the police in clearing 48 criminal cases and arresting 49 suspects.
  - (5) Kaohsiung Police Department set up "Kaohsiung Police Fan Group": Kaohsiung Police Department set up a line group through LINE Taiwan Limited in 2017. The group send message including newest fraud method, missing persons bulletin, crime prevention, women and children criminal cases and traffic condition to Kaohsiung civilians. The message promote the civilian's concept of self-protecting. Police advertise in many occasions, the posts are 193 until 31st December, 2018. The number of friends is 8,916.
  - (6) Emphasis on healthy adolescent development:
    1. Juvenile delinquency statistics: In 2018, there were 1,012 juvenile delinquents (857 males and 155 females), either ruled by the juvenile court to be registered for supervision or had breached laws, and these juvenile delinquents accounted for 3.18% of all criminals. Most of their offenses were theft (240 people, 23.72%), followed by fraud crime (165 people, 16.30%), public safety offenses (115 people, 11.36%), and assault (103 people, 10.18%). During this period, after numerous well-planned police raids, violent juvenile gangs were successfully disbanded and 5





juveniles were arrested for breaching the Organized Crime Prevention Act. These juvenile offenders will be the target of education, prevention, and correction.

2. Visits and counseling: An intensive monitoring and counseling project targeting 209 juveniles (166 males and 43 females) registered for supervision in Kaohsiung City in 2018 was planned and implemented. To reduce recidivism, a total of 1,665 juveniles were routinely visited and counseled.
3. More intensive cracking down on objectionable facilities: In 2018, a total of 408 spot check actions were implemented, and a total of 1,378 juveniles with deviant behavior were corrected and registered.
4. Tracking and visiting dropout students: A dropout student roster has been established for implementing individual tracking and counseling to help dropout students go back to school, prevent them from going astray, and to correct their deviant behavior. In 2018, a total of 303 dropout students were found.
5. Continuing the Juvenile Crime Prevention Program: In 2018, the Kaohsiung City Police Department collaborated with the Department of Social Welfare, Department of Education, Bureau of Tourism, and many public welfare-oriented organizations in organizing various non profit events, including “Nei Men Zi Zhu Si Anti-Drug PAPAGO”, “Jinan Community Activity of Respecting Elders”, “Heart and Star Reflect”, “Lions Club Anti-Drug Road Running”, “Juvenile Project so Young- Bear Law-Abiding”, “Special Police Corps Monster can’t Hold Activity”, “All Civilians Anti-Drug”, “Zuoying Society Educational Working Station Skill Ceativities”, “Rotary Club Shining Qishan”, “Dream Mall Little Police Activity”, and many others.

Together, a total of 2,201 youth protection and coaching activities and events were held, and 384,081 people participated in these activities and events.



Anti-drug propaganda

- (7) Whole heart protect women and children safety:

1. Raising women and children safety awareness: personnel were assigned to visit communities for raising awareness for women and children safety. In 2018, a total of 211 sessions were held, and 41,525 people participated in these events.



Women and children care propaganda



Women and children care propaganda

2. Implementing the children protection project: Children protection services are now incorporated into the Kaohsiung City Elementary School Patrol Program to protect elementary school students on their way to and from school. In 2018, a total of 12,521 female police volunteers participated in the service.
3. Sexual assault prevention: In 2018, there were 308 cases of sexual assault and 308 of them were cleared, resulting in a clearance rate of 100%.
4. Domestic violence prevention: In 2018, a total of 9,784 cases of domestic violence were received, 1,496 cases applied for a protection order, and protection orders were executed in 2,282 cases.
5. Constructing a community-based domestic violence prevention system:  
Building a happy community with the family protection ambassador: Apartment and condominium security guards and management personnel are incorporated into the domestic violence prevention network. Any high-risk families or domestic violence or child abuse cases detected should be immediately reported for timely assistance. The case reporting system has also been enhanced to make domestic violence prevention more comprehensive.
6. Implementing the domestic violence and child abuse high risk family screening and

reporting system: In 2018, there were 317 high-risk families reported.

- (8) Recognition of the righteous and the courageous: In 2018, there were 4 local residents who had assisted in cracking down on robbery, forceful taking, theft and other major criminal cases. Public recognition ceremony was held to honor them to encourage participation and 40,000 NT bonus were issued to promote police-local resident public security collaboration.
- (9) Continuing the effort in community auxiliary police: Presently, there are a total of 241 auxiliary police officers assisting in the police's community security patrol after midnight (from 12:00 to 6:00 AM). The auxiliary police officers in 2018 recovered a total of 5 cars and 108 motor scooters. In 2018, during the duty time (from 12:00 to 6:00 AM) of auxiliary police officers, there were 876 theft cases known to the police, which is a decrease of 21.7% (or 243 cases) when compared to the 1,119 cases in 2017.
- (10) Radio taxi businesses and security guard companies in public security collaboration: Kaohsiung City radio taxi businesses (11 radio stations and 3,148 taxis) and security guard companies (102 companies, 13,152 security guards, and 263 security and patrol cars) have been coordinated to give assistance in cracking down on criminals. In 2018, a total of 7 criminal cases (8 people) were cleared with their help.
- (11) Reducing recidivism further: The police worked on domiciliary visits to subjects who needed to take urine tests and to collect their urine samples to increase the test rate. For recidivists of serious crimes and theft, more aggressive action was taken for application for custody. In 2018, custody applications were approved for 29 people. Furthermore, for 6,717 people in Kaohsiung City posing threat to public security, dynamic visits and static data establishment



were implemented to keep track of these people and to reduce recidivism.

- (12) Enhancing DNA filing and comparison: In 2018, there were 1,332 people who were expected to have their DNA filed, and 1,331 had their DNA filed (99.925% implementation rate). For the first half of the year, the team in charge of the task was placed third in Class A performance evaluation rated by the Police Agency (as for the second half of the year, the appraisal has not yet been completed yet). In 2018, the Kaohsiung City Police Department not only carried out DNA filing but also compared these DNA information with DNA evidence collected from criminal sites and kept by the Criminal Police Department, and DNA matching was found in 103 people and for 124 cases.

#### *IV. Providing more services to the public:*

- (1) Police overall performance approved by Kaohsiung City residents: According to the “Survey About Public Satisfaction on Public Security” conducted by the Police Agency of the Ministry of the Interiors, for the first half of the year in 2018, the police service satisfaction rate was 87.16%. This finding shows that the public approved of the overall performance of the police.
- (2) Collaborating with the “Urgent Disaster Relief Project” of Ministry of the Interior: In 2018, 1,306 cases were reported, and they were all approved by the respective district office, and a total of NTD 13,495,330 was released to help these cases.
- (3) Police volunteer service: There were 2,663 volunteers helping the Kaohsiung City Police Department, and in 2018, they visited communities 37,820 times, offered assistance to victims 25,550 times, participated in 5,405 emergency relief cases, and offered help in many other public services 130,147 times.
- (4) Other achievements from serving the public:
  1. The 110 case reporting station of the duty command center of Kaohsiung City Police Department received 694,857 cases reported by local residents by phone, and among these cases, 478,927 cases were valid, 215,930 cases were requesting for counseling service, 529 cases were reported online, 61,240 cases reported by phone via the 110 hotline were double-checked, 3,035 cases reported were cleared immediately by police on duty, and 3,176 people were arrested and brought to justice.
  2. A total of 2,433 missing people were found (1,621 people from this jurisdiction and 812 people from other jurisdictions). Their families were contacted to bring them home.
  3. One-stop window: In 2018, 679 cases were transferred from other jurisdictions to this jurisdiction, while 846 cases were transferred from this jurisdiction to other jurisdictions.
  4. There were 2,410 cases receiving the house security reinforced service for houses whose residents were away and 4,720 cases receiving the personal banking security service.
  5. Kaohsiung City Police Department handled ds submitted to the Premier, ministers of the Ministry of the Interior and the Policy Agency, and the mayor of Kaohsiung City, as well as petitions submitted to the police email box and the public petition mailbox. In 2018, a total of 347,491 petition cases were handled.
  6. There were 5,011 cases where the mobile police station offered the public instant security services.
  7. The mounted police unit was invited to participate in parades or for equestrian performances 52 times, and the unit provided the public with services 26,943 times.



The mounted police unit support activity

8. There were 64,510 cases of applications for police criminal record certificates.

## Fire Prevention

### 1. Fire prevention promotion

(1) Usually, fire stations sent firefighters to institutions, schools, buildings, factories, and household to promote fire and disaster prevention, fire and power use, and disaster escape drill. Furthermore, the Fire Bureau established “Fire Prevention Promotion Volunteer Team” deep into communities to promote fire prevention awareness as to reduce disaster cases.

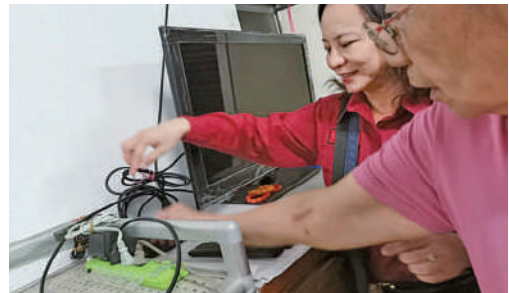


Promoting deep into schools to raise fire prevention sense and reduce fire.

Promoting deep into residence to raise fire prevention sense and reduce fire.



(2) To reduce the frequency of electrical appliance disaster and enhance power use safety, promoted measures of domestic disaster check, mainly aimed to old communities and buildings.



Promoting fire prevention check for residence.

(3) To prevent the senior and disabled from being killed in fire, the Fire Bureau enhanced directing the senior about fire safety in household to establish a safe living space.



Instructing fire-safety concepts to the aged person in household.



- (4) To promote the fire prevention ability of houses which are legally unsetting individual fire alarm, and insure people safe, the Fire Bureau inspire and promote people setting individual fire alarm for each house through fire promotion activities and lecture.



Instructing fire-safety concepts to the aged person in household.

## 2. Fire prevention management

- (1) To educate the proprietors the concept of “protect your own properties” to achieve the purpose of “ensure life, protect property”, the city practiced “the System of Fire Prevention Management” of public buildings since 1996.
- (2) According to article 13 of the Fire Services Act, conducted fire prevention management and self-defense team training, aimed to a certain scale public buildings, and above 11th floor, substructions, and constructions appointed by central government. It is beneficial to the city’s fire prevention.



Instructing the certification of fire drill and escape.

- (3) According to “Self-defense Team Adaptability Certification Rule”, periodically processed self-defense team certification, aimed to “shelters”, “high-rise compound buildings”, “large-scale fields (over 3000m<sup>2</sup>)”, “hotels (over 3000m<sup>2</sup>)”.

## 3. Fire safety equipment inspection

- (1) According to Article 10 of the Fire Services Act, after receiving the construction license and before the commencement of construction, public buildings should apply to Fire Bureau for the examination of the layout of fire safety equipment. According to Article 72 of the Building Act, after the completion of construction, these buildings should apply for the usage license inspection of fire safety equipment.
- (2) System of Reporting Regular Inspection and Maintenance of Fire Safety Equipment: According to Article 9 of the Fire Services Act, for sites that should be equipped with fire safety equipment, management should regularly appoint professional fire prevention technicians or professional inspection and maintenance institutions to implement the inspection and maintenance of fire safety equipment, and then submit the inspection and maintenance results to the Fire Bureau within a specified time. Subsequently, the Fire Bureau shall send officials to review the service results to ensure normal functioning of the fire safety equipment.



Inspecting fire-safety equipment



#### *4.Flame Resistant System:*

To avoid the fire sources spreading out, buildings over 11 stories, substructions, and the curtains, cloth screens, and carpets designated by the central authorities must be made of “flame-retardant material” with appropriate signs attached in order to practically fulfill the fire prevention policies, decrease the loss of human life and property, and ensure public safety.



Checking flame-resistant material.

#### *5.Hazardous Material Management*

##### (1) Public Hazardous Material Management

There are many hazardous material plants in Kaohsiung City, and plants safety is always paid much attention. To manage hazardous material so as to maintain public safety, the Fire Bureau enacted “Enhancing Fire Prevention and Safety Inspection Plan of Public Hazardous Material Factories in 1918”, and sent to Corps, Squadrons, and stations aiming at 264 public hazardous material factories to fulfill safety inspection (168 factories of over than 30 times of control quantity, and 96 factories less than 30 times of control quantity). According to “Fire Inspection Notes”, factories over than 30 times of control quantity should be inspected once half a year. The inspection result in 1918: there were 354 factories over than 30 times of control quantity, of them, 42 not conforming to rules (including 42 fire safety equipment reported, and 9 asked to improve in limited time). Factories less than

30 times of control quantity were inspected 106, of them, 13 factories not conforming to rules (including 14 reported, and 2 asked to improve in limited time).

##### (2) Fireworks Management

In densely populated area, the problem of shooting fireworks is crucial, concerning of safety, noise and air pollution. For the old problem, the Civil Bureau of Kaohsiung City established line group of religious activities, invited related personnel to the group. Related Bureau reported religious activities each other. First, District Offices make promotions, then other Bureaus make joint promotion to prevent illegal. Since the line group was established, the efficiency is obvious. The Fire Bureau will continuously follow the measure to enhance external sections to promote related laws, and penalize violation so as to maintain public safety.

The Fire Bureau set “Inspection Plan of Enhancing Fireworks Factories’ Safety in 2018”, and fulfills fireworks safety management. There is no fireworks manufacturer and storage in Kaohsiung City. Listed fireworks vendors such as general stores and incense stores exist 344. To maintain public safety, inspection is fulfilled once half a year even not reaching to control quantity. In 2018, 1 uninsured was seized which is reaching control quantity; 1 uninsured of professional fireworks, 4 for shooting overtime, 15 for not following description, 1 for not storing in legal area.

#### *Disaster Rescue Operations*

1. “119” Dispatch Center is operated 24-hour to deal with phone calls reported by the public. When a fire or other disaster is reported, the center will dispatch the nearest fire station to rescue immediately.
2. In 2018, there were 4,586 fires occurred,



dispatched 54,590 person-time, 19,869 fire trucks; 130,816 emergency medical cases. Others: 2,487 hive-removing, 3,868 snake-catching, 431 animal-rescue, and 364 trapped.

- In 2018, civilians and charities donated 9 ambulances, 1 disaster investigation vehicle, 21 Mechanical Chest Compression Device, 32 Automated External Defibrillator, 4 12-Lead Resting Electrocardiograph, 1 digital lectern, various first aid training models, and . It saves NT\$53,032,797 and is beneficial to the emergency medical services.



Ambulances donated by public welfare organization.



Enterprise donating Ambulance vests.

- To improve survival rate of OHCA, the Fire Bureau equips every ambulance with AED and LMA to enhance the emergent rescue skill of EMT. In 2018, they rescued 2,169 OHCA patients. Of them, 601 recovered heartbeat and breath, with survival rate of 27.71%, 41 recovered.



Firemen operating breath treatment training.

- To shorten the operation time of rescuing AMI patients, the Fire Bureau settled 57 wireless image transfer 12-Lead Resting Electrocardiographs (EKG) with the function of automatic reading and transmission for 51 stations. When carrying AMI suspicious patients, the EMT conform through machine reading, then inform 119 Center to notify the hospital and transmit patients' electrocardiogram for preparing. It can shorten the time of oxygen shortage and raise the survival rate. In 2018, EKG was used in 702 cases, and 35 of them were successfully operated heart surgery.



Emergency medical technician operating 12-Lead Resting Electrocardiograph test for the patient.

- The "Project to Optimize the Emergency Rescue and Medical Network" driven by the Fire Bureau won Top 5 Excellence Team award. Carrying out 12-Lead EKG and wireless transfer electrocardiogram on the ambulance won the National Excellent Ambulanceman Group award. Attending the 6th National endotracheal intubation and CPR+AED competition won the 3rd place and excellence award in the endotracheal intubation group, and excellence award in the CPR group.



The “Project to Optimize the Emergency Rescue and Medical Network” driven by the Fire Bureau won Top 5 Excellence Team award.



Attending the 6th National endotracheal intubation and CPR+AED competition won the 3rd place and excellence award in the endotracheal intubation group, and excellence award in the CPR group.

7. Set up the “Mid-term Plan of Fulfilling Fire Vehicles” in order to replace the dated vehicles year by year. The Fire Bureau arranged NT\$ 23,946,000 budgets in 2018 to purchase 1 aerial ladder fire-fighting truck and 3 fire logistics vehicles to improve the shortage of fire trucks and reduce the old ratio. Besides, arrange budget NT\$15,084,500 and use donation to purchase disaster and water rescue equipment to enhance the rescue efficiency and protect civilians.

8. The Special Search and Rescue Squadron owns 5 search and rescue dog instructors and 5 SAR dogs identified by IRO. Usually the squadron helps other city’s fire bureau and non-governmental groups to train SAR instructors, so as to promote domestic SAR dog quality and standard of disaster rescue operation. Besides, the squadron helps Animal Protection Office for school promoting of life care education-understanding rescue dog, and positively promoting Taiwan’s

rescue dog affairs as well. The search and rescue dog training center invited the director-general of RDTA Japan coming to Taiwan to process IRO SAR dog test in 2018. There were 36 SAR dogs to participate this test and only 13 passed. SAR dog-Roger, Aka, Qima and Chocolate of Kaohsiung Fire Bureau ranked among the best. Chocolate also passed an international SAR dog highest identification. It can absolutely rescue lives in any disaster.

9. The SAR Dog Training Center signed corporation agreement with SAR Training Association of Japan RDTA on September 12-16, 2018, and was invited to the training school owned by director-general Mr. 村瀨英博 to process training. In addition to get newest training skill, the judge Ms. 大島薰 of RDTA gave an outstanding Belgium sheepdog to the SAR Dog Training Center of Kaohsiung increasing SAR dog strength.



The SAR Dog Training Center of Kaohsiung City processed the SAR dog promotion in campus and had been widely praised.



The SAR Dog Training Center of Kaohsiung City passed IRO highest identification.





The SAR dog memorial monument inauguration ceremony in SAR Dog Training Center of Kaohsiung City.



The SAR Dog Training Center of Kaohsiung City was given a Belgium sheepdog.

## **OVERVIEW OF KAOHSIUNG CITY ADMINISTRATION ( 2018 )**

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