

2024

Sustainable Development Goals Voluntary Local Review

Tainan
City



Tainan
Sustainable
Development
GOALS | 臺南市政府
Tainan City Government

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Tainan City



1. MESSAGE FROM THE MAYOR

Tainan, a city rich in cultural heritage, has continuously innovated and moved forward through the ages, evolving from traditional agriculture and handicrafts to today's green energy technology and smart city development. In response to the global challenge of climate change, Tainan is actively promoting a "net-zero transformation" and has set net-zero

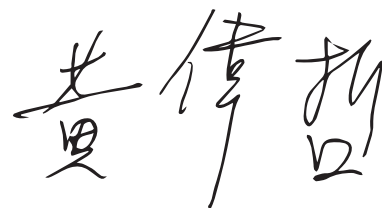
emissions by 2050 as a key goal. Through industrial carbon reduction, energy transformation, and water resource management, the city aims to create a low-carbon, sustainable, and livable environment.

Since publishing its first Voluntary Local Review (VLR) in 2021, Tainan has continued to follow the United Nations Sustainable Development Goals (SDGs), using the core strategies of "3 Upgrades, 3 Sustainabilities" to steadily promote energy transition, green transportation, and public health measures, all aimed at building an inclusive smart city. This year, we have delved deeper into the highlights of sustainable development by visiting various locations and engaging in interviews with frontline personnel, which has brought us even more inspiration and warmth. We look forward to implementing social equity policies more proactively from different perspectives, improving long-term care services, and caring for disadvantaged groups, so that the net-zero transformation becomes not only an environmental initiative but also a concrete practice of urban sustainability.

In the journey toward net zero, the city government is not only actively promoting industrial carbon reduction and energy management, but also places great importance on citizen participation and raising environmental awareness. Through a variety of outreach activities, citizens are encouraged to understand different aspects of sustainability issues. At the same time, we continue to improve long-term care services and care for disadvantaged groups, creating an inclusive and resilient social environment.

As a city continuously deepening its commitment to sustainable development, Tainan publishes an annual Voluntary Local Review (VLR) to comprehensively assess the progress of urban sustainability. Through data management and ongoing evaluations, the city ensures the effective implementation and improvement of various policies. We fully understand that sustainable development is not only about the environment but also closely related to the quality of life of our citizens. Therefore, the city government will continue to integrate local characteristics and public needs, promoting sustainable strategies that balance technology, culture, green energy, and welfare, working together to build a "smart, low-carbon, happy, and livable" Tainan.

Tainan City Mayor



Chapter 01

Introduction

1. MESSAGE FROM THE MAYOR

2. Introduction to the Sustainable Development Goals (SDGs)





2. Introduction to the Sustainable Development Goals (SDGs)

Climate change, environmental pollution, resource depletion, and social imbalance are major challenges faced by countries worldwide. To guide the world toward a sustainable and resilient future, the United Nations released "Transforming our world: the 2030 Agenda for Sustainable Development" in 2015. This agenda covers three main dimensions: environmental protection, social progress, and economic growth. It incorporates the 5P principles—People, Planet, Prosperity, Peace, and Partnership—and consolidates them into 17 Sustainable Development Goals (SDGs), along with 169 targets and 232 indicators. The aim is to ensure that all people have the right and responsibility to realize their potential and live dignified, high-quality lives.

Each core goal is accompanied by several specific targets that clearly identify the issues the world must collectively address. These targets guide the policy actions of global and local governments over the next fifteen years, while also calling on businesses and other organizations to work together toward sustainable development. The hope is to achieve by 2030 a society that is fair, just, inclusive, and peaceful, conducting production and consumption sustainably, and developing the economy while also preserving environmental and ecological diversity.

United Nations 17 Sustainable Development Goals (SDGs)

THE GLOBAL GOALS





SDG 01 No Poverty
End poverty in all its forms everywhere



SDG 02 Zero Hunger
End hunger, achieve food security and improved nutrition and promote sustainable agriculture



SDG 03 Good Health and Well-being
Ensure healthy lives and promote well-being for all at all ages



SDG 04 Quality Education
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



SDG 05 Gender Equality
Achieve gender equality and empower all women and girls



SDG 06 Clean Water and Sanitation
Ensure availability and sustainable management of water and sanitation for all



SDG 07 Affordable and Clean Energy
Ensure access to affordable, reliable, sustainable and modern energy for all



SDG 08 Decent Work and Economic Growth
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



SDG 09 Industry, Innovation and Infrastructure
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



SDG 10 Reduced Inequalities
Reduce inequality within and among countries



SDG 11 Sustainable Cities and Communities
Make cities and human settlements inclusive, safe, resilient and sustainable



SDG 12 Responsible Consumption and Production
Ensure sustainable consumption and production patterns



SDG 13 Climate Action
Take urgent action to combat climate change and its impacts



SDG 14 Life Below Water
Conserve and sustainably use the oceans, seas and marine resources for sustainable development



SDG 15 Life on Land
Protect, restore and promote sustainable use of terrestrial ecosystems



SDG 16 Peace, Justice and Strong Institutions
Promote peaceful and inclusive societies, provide access to justice for all and build effective, accountable institutions



SDG 17 Partnerships for the Goals
Strengthen the means of implementation and revitalize the global partnership for sustainable development

Chapter 02

The City's Sustainability Roadmap

1. About Tainan
2. The Sustainable Development Blueprint of Tainan City
3. Tainan City's Environment and Policies
4. Fostering Circular Sustainability to Build a Livable City
5. Tainan City Chief Sustainability Officer's Initiatives and Goals







1. About Tainan

Tainan is the oldest city in Taiwan, celebrating its 400th anniversary in 2024. In recent years, it has been committed to promoting energy conservation and carbon reduction by integrating the key concepts of the United Nations Sustainable Development Goals and Taiwan's Sustainable Development Goals into Tainan's sustainability vision. The city measures its policies accordingly and proposes practical solutions for everyday life, guiding all sectors to work together to uphold the important principles of human well-being, a healthy environment, and economic prosperity. This establishes Tainan's sustainable development philosophy, safeguarding a beautiful home for both the present and future generations, and demonstrating its determination to achieve net-zero emissions by 2050.

2. The Sustainable Development Blueprint of Tainan City

Tainan City adopts "Adequate Food and Clothing, Peaceful Living and Happy Working" as its sustainable development goal, with the "3 Upgrades, 3 Sustainabilities" as its policy strategy. The city gradually advances its urban development vision while enforcing strict fiscal discipline and improving administrative efficiency within the public service system, aiming to achieve better governance and a higher quality of life for its citizens.

The three upgrades are "economic upgrading", "transportation upgrading" and "health upgrading".

The three sustainabilities are "environmental sustainability," "warmth sustainability," and "cultural and educational sustainability".



Economic Upgrading

The development of industrial zones and the promotion of innovative development constitute the two main strategies of Tainan City's industrial policy. These strategies are designed to foster a circular economy and establish a sustainable supply chain.



Environmental Sustainability

In response to the impacts of climate change, Tainan City is regulating air pollution emissions, promoting solar energy, and improving soil and water quality to gradually develop a low-carbon, sustainable city.



Transportation Upgrading

By integrating green, smart, and safe transportation modes into public transit, Tainan City aims to create a green and sustainable public transportation environment. It is anticipated that residents will experience the convenience brought by smart technology.



Warmth Sustainability

By improving its community disaster prevention and response system and promoting evacuation awareness, Tainan City is also encouraging community improvement and public space greening. These efforts aim to establish sustainable disaster management mechanisms while fostering the development of distinctive, sustainable local community characteristics.



Health Upgrading

The implementation of vaccination programs for the prevention and control of local infectious diseases aims to ensure the lifelong health of all residents.



Cultural and Educational Sustainability

Tainan City is dedicated to offering quality and equitable educational opportunities for all, meeting the needs of special education students, and ensuring universal access to learning.





3. Tainan City's Environment and Policies

An International City Where Culture and Technology Coexist

Tainan City, the oldest city in Taiwan, is home to the largest number of national historic sites. In 2024, Tainan celebrates its 400th anniversary, showcasing its rich historical and cultural heritage.

Tainan's rich cultural heritage is both its pride and a challenge. During urban construction and development, large-scale archaeological discoveries often occur. Even the Southern Taiwan Science Park (STSP), now home to numerous high-tech factories, encountered historic sites when the land was being excavated from sugarcane

fields 20 years ago. Overcoming these challenges step by step, it has gradually developed into Taiwan's semiconductor hub.

Therefore, as Tainan advances its economic development, striking a balance between culture, heritage, and technology has become a key priority for the city's growth. The transformation Tainan has achieved today is the result of the cumulative efforts of successive mayors and its citizens, elevating Tainan to an international-level city

Dual Engines Driving Technological Development

Tainan's five major municipal development pillars include "Cultural Capital," "Industrial and Economic Hub," "Smart New City," "Innovative Urban-Rural Development," and "Hopeful Homeland." These pillars aim to make Tainan a more livable and sustainable city. To this end, the city government is dedicated to assisting enterprises with investment and factory establishment, focusing on the dual engines of the Southern Taiwan Science Park and the Shalun Smart Green Energy Science City to drive satellite factory investments in Tainan. The city actively attracts industries characterized by low pollution, low energy consumption, and high added value to create job opportunities, encourage young people who have moved to northern cities to return home, and promote development in the greater southern region.

The TSMC 5-nanometer (nm) and 3-nm advanced process manufacturing plant construction plan at the Tainan Science Park has created a strong magnetic pull effect, accelerating the clustering of the entire semiconductor industry chain in STSP. This has also driven investment in surrounding logistics and lifestyle service industries to settle in Tainan. Benefiting from the global AI

boom and the leading integrated circuit industry, the Tainan Science Park's revenue from January to August this year has exceeded NT\$1.2 trillion.

Currently, among the world's top ten IC design companies—such as AMD, MediaTek, Novatek, and Realtek—and the world's top five equipment suppliers—ASML (Netherlands), Applied Materials (USA), KLA (USA), Tokyo Electron (Japan), and Lam Research (USA)—all have operations in Tainan. To respond to the semiconductor industry's growth, Tainan is promoting the development of the Cigu Technology Industrial Park, Xinshi Industrial Park, and Madou Industrial Park, while strengthening infrastructure such as water and electricity. This builds a complete semiconductor satellite industry chain.

Looking ahead, Tainan will continue providing one-stop integrated services to assist investors in quickly establishing factories, accelerating the city's rise as a global hub for advanced chip manufacturing.



4. Fostering Circular Sustainability to Build a Livable City

There is only one planet Earth, and industrial development must shift from linear thinking to a circular economy. While developing the economy, the Tainan City Government is also actively protecting environmental quality and improving air quality. In 2022, it released the “Tainan 2050 Net-Zero Pathway,” promoting a circular economy and green lifestyle with the goal of achieving net-zero emissions by 2050, fully committed to building a sustainable, low-carbon homeland.

To improve air quality, Tainan City implements the “Clear Sky Plan PLUS.” In 2024, 91.8% of days were classified as “blue sky days”, marking a significant improvement in local air quality. Industrial efforts include replacing 538 industrial fuel oil boilers with gas boilers, the highest replacement rate nationwide. In waste management, the Chengxi bottom ash treatment plant has obtained ISO9001 certification and launched a certification system for Controlled Low Strength Material (CLSM) mixing plants to ensure the quality of bottom ash reuse.

In addition, due to the impacts of climate change and global warming in recent years, the intensity and frequency of heavy rainfall in Tainan have repeatedly increased. One-third of Taiwan’s flood-prone areas are located in Tainan, making it a key goal of the city government to leave no flood-prone area unattended. Since 2020, the city has fully promoted the drainage improvement of

Under the vision of a “Sustainable and Livable Greater Tainan,” the Tainan City Government aligns its policy strategies with the United Nations Sustainable Development Goals (SDGs) and formulates concrete implementation plans. By integrating the concept of energy sustainability into citizens’ daily lives, the city aims to practically build a sustainable homeland capable of responding to the impacts of global climate change.

Sanyei Creek, aiming to free residents in the Rende district and the adjacent industrial zones from the

nightmare of flooding. Additionally, pumping stations have been added in the Syuejia, Yongkang, and Madou districts to increase community drainage capacity and enhance flood control effectiveness.

Tainan aims for net-zero carbon emissions, prioritizing the increased use of renewable energy. The city’s strategy centers on four main pillars: energy conservation, energy storage, energy creation, and system integration. It balances multiple goals, including reducing carbon emissions, accelerating green energy adoption, optimizing energy-saving equipment, developing green transportation, enhancing climate resilience, and promoting a circular sustainable lifestyle.

Tainan actively promotes rooftop solar photovoltaic installations and continues to deepen its energy transition. In 2024, the city approved 13,201 solar PV projects with a total capacity of 4.7 gigawatts (GW), estimated to generate approximately 5.87 billion kilowatt-hours annually—enough to power nearly 1.447 million households. This is expected to reduce carbon emissions by about 2.709 million tons per year, equivalent to the carbon sequestration of 8,912 Tainan Parks. The original target of accumulating 4.5 GW by 2025 was achieved ahead of schedule.

Facing longer dry seasons in Tainan, the city government actively promotes water resource recycling to ensure stable water supply for the technology industry. Measures include installing rainwater storage tanks in traditional markets and prioritizing the allocation of irrigation water for agriculture. From the semiconductor industry to car washes, recycled water is continuously supplied. A water sourcing map has been created to allow the public to access free, clean recycled water, embodying the concept of sustainable water resources. These efforts help Tainan advance its precious water resources toward a circular and sustainable future.



5. Tainan City Chief Sustainability Officer's Initiatives and Goals

To realize Taiwan's net-zero and sustainability goals, the Executive Yuan announced in August 2024 the establishment of a Government Sustainability Officer system. In February 2025, the "Regulations on the Appointment of Sustainability Officers in Government Agencies and the Establishment and Operation of the Sustainability Officers Alliance" were promulgated. Following these national directives, Tainan City Government appointed Deputy Mayor Chao as the city's Chief Sustainability Officer in October 2024. He is responsible for coordinating and advancing the city's sustainable transformation strategies and measures.

The purpose of appointing Sustainability Officers is to enhance the sustainability governance capabilities of government agencies in response to climate change and ESG development trends, while strengthening public-private collaboration between the government and enterprises. Sustainability Officers are responsible for five major missions: improving sustainability governance, integrating sustainability affairs within agencies, promoting cultural transformation and innovative thinking, strengthening public-private partnerships, and fulfilling statutory climate change response duties. Their six core tasks include conducting internal greenhouse gas inventories, promoting in-depth energy-saving diagnostics, advancing the electrification of government vehicles, implementing energy efficiency labeling for agency buildings to move toward near-zero carbon buildings, increasing green procurement capacity, and establishing public-private communications to innovate organizational culture and comprehensively guide municipal governance toward sustainable development.

The priority tasks and goals for Sustainability Officers include



Completing Internal Greenhouse Gas Inventories

Completing internal greenhouse gas inventories by conducting autonomous assessments to understand emissions and sources, establishing a comprehensive carbon accounting mechanism with annual targets, ensuring transparent public disclosure, and reviewing progress yearly.



Promoting In-depth Energy-Saving Diagnostics

Promoting in-depth energy-saving diagnostics by measuring the implementation and benefits of deep energy-saving measures, especially in electricity-intensive areas, setting targets, and conducting annual reviews.



Advancing the Electrification of Government Vehicles

Advancing the electrification of government vehicles by monitoring the progress of replacing fuel vehicles, evaluating the increase in electric vehicle usage, setting targets, and reviewing results annually.



Conducting Energy Efficiency Labeling and Identification for Agency Buildings to Move Toward Near-Zero Carbon Buildings

Conducting energy efficiency labeling and identification for agency buildings to move toward near-zero carbon buildings, assessing coverage and progress, setting goals, and reviewing annually.



Enhancing Green Procurement Capacity

Enhancing green procurement capacity by analyzing the quota and proportion of environmentally beneficial green procurement items, setting targets, and reviewing annually.



Establishing Public-Private Sector Communications and Innovating Organizational Culture

Establishing public-private sector communications and innovating organizational culture by fostering deep collaboration with private enterprises and NGOs, promoting internal sustainability culture through training and initiatives, encouraging interdepartmental cooperation and innovative thinking, with agencies setting their own goals and reviewing progress yearly.

Sustainability Officers' Priority Initiatives Implementation Plan



Chapter 03

Together Towards a Sustainable Future

1. Walking with Tainan: Exploring the City's Highlights
— Spotlight Interviews
2. Economic Upgrading
3. Transportation Upgrading
4. Health Upgrading
5. Environmental Sustainability
6. Warmth Sustainability
7. Cultural and Educational Sustainability





Since 2020, Mayor Huang Wei-Che has advanced Tainan’s urban development vision through the “3 Upgrades, 3 Sustainabilities” policy strategy. Mayor Huang and his team are fully committed to ensuring that Tainan citizens enjoy "Adequate Food and Clothing, Peaceful Living and Happy Working". At the same time, they have enforced strict fiscal discipline and improved administrative efficiency within the public sector, striving to achieve the goal of effective governance and a better quality of life for all residents.

1. Walking with Tainan: Exploring the City's Highlights

— Spotlight Interviews

(1) Economic Upgrading

I am Wang Cheng-Han from the Industrial Technology Research Institute’s Commercialization and Industry Service Center. I originally worked at the National Science and Technology Council, but since my family is in southern Taiwan, I volunteered to relocate south eight years ago and transferred to ITRI’s Green Energy and Environment Research Laboratories. Making Shalun a low-carbon, smart science city became my mission and goal. Once the initial phase of construction was completed, I transferred to the Commercialization and Industry Service Center at ITRI to begin work on technology integration and field service implementation.

When I first arrived in Shalun, the entire area was just sandy land—completely barren, with probably more birds in the trees than people around. At that time, the only building was the Chimei Building of National Yang Ming Chiao Tung University’s Tainan campus. We started by promoting the project so that citizens would know a Green Energy Science City was about to be established here. After construction began, more and more government agencies moved in, followed by companies. I witnessed the transformation of Shalun Green Energy Park from nothing to what it is today.

Dr. Cheng-Han Wang, Green Energy and Environment Research Laboratories, Industrial Technology Research Institute (ITRI)



Step-by-Step Achievement of the Goal for 100% Green Electricity in the Region

We aim for the entire Science City to achieve 100% green electricity usage (RE100), but we found that the initial implementation faced challenges. Therefore, we started promoting this within government agency zones, setting up management units and establishing related facilities. As of 2024, we have reached RE40, meaning 40% of electricity used in specific areas comes from green energy. In 2025, we plan to advance to RE45, gradually following the pathway to achieve the RE100 goal.



Future Planning and Aspirations for the Green Energy Science City

We began promoting the green electricity target starting with government agency zones and have also planned to collaborate with companies in other areas on green electricity storage, supply, and usage measures. Our goal is for all companies settled here to be able to claim they use at least 40% green electricity, becoming recognized as green manufacturers. The biggest challenge in this effort is persuading agencies and companies to adopt green electricity despite its higher cost, which is essential to achieving the Science City's RE100 goal.

Net-zero transformation is a crucial part of our economic advancement. Through our efforts, we aim for the Green Energy Science City to simultaneously achieve environmental sustainability and economic growth. We also hope that government agencies can assist industries in promoting this transformation, prioritizing support for local high-energy-consuming manufacturers. By integrating artificial intelligence (AI), we strive to develop better net-zero manufacturing processes.



I am Zhou Rong-Tang, known as "Uncle Yong," serving as the chairman of the Tainan Homestay Cultural Development Association. In addition to running a homestay and restaurant in Tainan, I have long been dedicated to promoting the legalization of homestays within Tainan Old City. Through persistent efforts, we have not only expanded unique accommodation options for tourists in Tainan but also helped establish the city as a benchmark in Taiwan for homestay legalization and development.

Tainan's Unique Cultural Characteristics

Tainan is a city that began developing very early in history. The West Central, Anping, and North Districts within the old city area are especially rich in historic buildings and local snacks. I believe that if lodging options are limited to hotels only, preventing visitors from deeply experiencing Tainan's distinctive historic old city character, it would be a great pity and detrimental to local tourism development.

Since 2013, we have actively planned to designate the old city area as a tourism zone where homestays can be established. In 2016, the Ministry of Transportation and Communications announced the designation of the "Twin Cities Tourism Area," making Tainan's old city the nation's first legally recognized tourism district. Following the announcement of the "Tainan Twin Cities Tourism Area" management plan in 2018, we have guided the legalization of homestays and, by integrating various tourism resources—both hardware and software—through government platforms and supporting private tourism and lodging industries, have built the Tainan Twin Cities tourism brand, thereby driving sustainable tourism development.

The Value Brought by the Legalization of Homestays

In 2024, coinciding with Tainan's 400th anniversary, the number of homestays in Tainan surpassed the milestone of 600, making it the largest metropolitan homestay cluster in Taiwan. The achievements in old house preservation and revitalization, as well as youth returning home to start businesses, are gradually becoming evident. These more than 600 homestays serve as seeds to enhance tourism in Tainan, as each homestay has its unique characteristics and represents the hard work of its owners, who take great care in managing them. This, in turn, has subtly improved the overall tourism image of Tainan.

The legalization of homestays in the old city of Tainan not only promotes tourism development but also addresses social issues. For many homestay owners, their businesses, which they have invested great effort in over a long period, may have unknowingly operated illegally. However, after the management plan was announced, the public gained clear legal guidelines and assistance to legalize their homestays, preventing the heartbreaking situation where years of hard work could be lost overnight.



Rong-Tang Zhou, Chairman of the Tainan Homestay Cultural Development Association

United in Effort, Together Along the Journey

When establishing regulations related to homestays, challenges arose because many old houses, due to their age and lost documentation, could not meet modern building codes, making the application process difficult. Government departments approached this issue from the perspective of the operators, working together to find solutions that balance the actual conditions of the buildings with regulatory requirements, rather than enforcing strict compliance with current standards.

Generally, homestays compete with hotels, but we have maintained a good relationship with the chairman of the Tainan Hotel Association. Together, we collaborate to showcase Tainan's unique features at domestic and international travel fairs. Despite a sluggish domestic tourism market in 2024, Tainan was able to maintain tourism at levels comparable to previous years thanks to a large number of tourists, earning recognition and admiration from other cities.

Recommendations for the Future

The government has been promoting environmental sustainability and encouraging lodging operators to obtain green mark hotel certification in recent years. However, the certification process for green mark hotels has a high threshold, with costly fees and limited benefits. It is recommended that the certification fees and standards be adjusted according to the scale of different lodging businesses. Making the certification more accessible would be more beneficial for tourism development in Tainan.

Tainan's flourishing tourism is largely due to the mutual support between the government and private sector operators. To continue advancing on this path, ongoing collaboration and support are essential for achieving even greater and more sustainable progress.

(2) Transportation Upgrading

I am Zhang Yi-Han, Chairman of Ganglong Taxi Fleet Co., Ltd. The "Yellow Taxi Bus Project" was launched in 2019, and our company has been involved in this project from the very beginning. I believe this has been the best decision our company has ever made.

The Yellow Taxi Bus Project is primarily designed to serve residents in remote areas by making the traditional bus system more flexible. It offers flexible booking times and locations, greatly improving transportation convenience for people living in these remote regions.

Yi-Han Zhang, Chairman of Ganglong Taxi Fleet Co., Ltd



Yellow Taxi Bus Services and Medical Long-Term Care for the Elderly

Residents in remote areas face significant inconvenience when going out; sometimes it takes up to five hours just to purchase daily necessities or seek medical care. During our service, we discovered that the Yellow Taxi Bus might be the only transportation option available to these residents. Previously, they had to rely on family members' availability for rides, which often resulted in refrigerators stocked with spoiled food. Consuming such food over time has led to health problems among the elderly. Many seniors in these rural areas have expressed that the Yellow Taxi Bus has greatly improved their lives. Our drivers feel even more committed after receiving such feedback, and we all believe this service is truly meaningful.

Currently, our company operates 24 routes covering a wide area, with varying degrees of transportation difficulties in each region. Before the Yellow Taxi Bus service, if residents could not get help from family members, they often had to hail unlicensed taxis, which could cost over 600 NT dollars just for a round trip to the hospital in remote areas, placing a heavy financial burden on them. Since the launch of the Yellow Taxi Bus, residents using the Senior Citizen Card or the Care Card can ride free of charge, significantly increasing the willingness of elderly residents to keep their medical appointments punctually.



Yellow Taxi Bus Services and Employment in Rural Areas

Our first route of Yellow Taxi Bus was in Yujing, where the youngest local drivers were already 60 years old. It was relatively difficult to have them comply with government regulations, and the drivers were initially very resistant. Fortunately, we later recruited local bus drivers who gradually introduced this work to others, leading to the current level of service. We hire local drivers, which increases job opportunities in the area, allowing young people to choose to stay in their hometowns while earning a stable income. The flexible working hours of the fleet also enable drivers to balance caring for both the elderly and children.

Yellow Taxi Bus Services and Children's School Commutes

In the past, children in remote rural areas often did not participate in after-school tutoring because it was very dangerous for them to return home alone at night. The roads were not only dark but also frequented by aggressive stray dogs, posing a risk of attack to children riding bicycles. This led to reluctance among students to attend after-school programs, resulting in insufficient learning resources for rural children and widening the educational gap between urban and rural students, making further education more difficult.

To address this, we have collaborated with junior high schools in Beimen and Jiangjun districts to ensure that after finishing their tutoring sessions, children can safely take the Yellow Taxi Bus home. This initiative has increased students' willingness of learning while protecting their safety and lightening the emotional load on their elderly loved ones. Moreover, the Yellow Taxi Bus fares are aligned with regular bus pricing, offering benefits such as free rides for the first 8 kilometers and transfer discounts. In essence, it provides taxi-level service at bus-level prices.

In addition to the original Yellow Taxi Bus services, there are now cross-agency collaborations, such as partnerships with Mobile Medical Units (MMUs), the Eden Social Welfare Foundation's Slow-Flying Angels program, and regular transportation for residents attending classes at community activity centers. Through word-of-mouth and community interactions, more people have learned about the service, leading to increasing participation in activities like handicraft workshops and fitness classes. This encourages residents in remote areas to get out of their homes, promoting healthier and happier lives. Interestingly, the drivers themselves have become a key reason for residents to take the Yellow Taxi Bus; sometimes people ride not to go to a specific destination but simply to chat with the drivers. This social interaction has become an important highlight of the service, with drivers serving as vital coordinators within the villages.

(3) Health Upgrading

We are Zhao A-Ming and Lin Mi-Mei, Chairpersons of the Dongrong Community Development Association. Elderly care has become a critical issue facing Taiwan today, with a growing number of seniors requiring support. However, for rural communities like ours, how can we begin to address this challenge from the ground up?

A-Ming Zhao (right) and Mi-Mei Lin (left),
Chairpersons of the Dongrong Community
Development Association



Dongrong Community Designated as Nutrition Demonstration Community by the Health Bureau

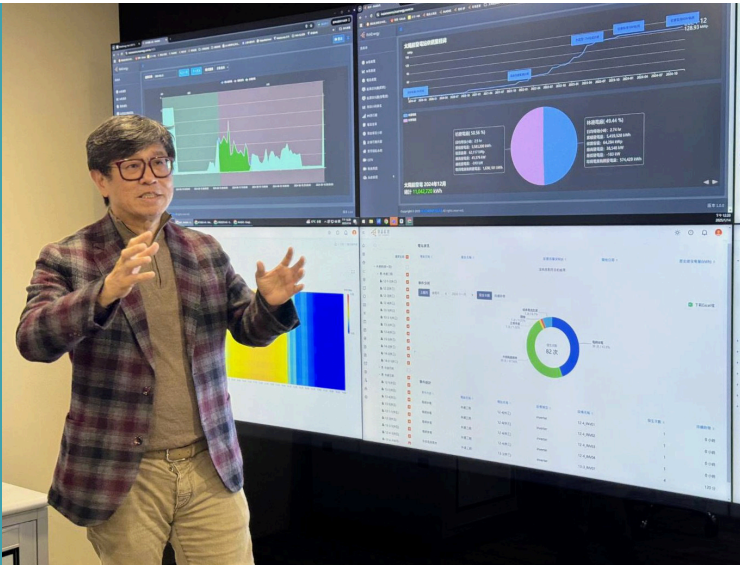
Over the past seven years, we have actively promoted nutrition care in the Dongrong community by integrating government resources and food banks. This effort has transformed our community from a nutrition demonstration community into a nutrition demonstration site designated by the Public Health Bureau. We collaborate with nutritionists from Chia Nan University of Pharmacy and Science and Chi Mei Hospital to provide professional training on food characteristics and ingredient analysis for meal preparation staff. Additionally, we design menus that adhere to the “San Hao Yi Qiao” (Three Goods and One Skill) balanced diet principle, ensuring that the elderly can eat easily, safely, and healthily. Beyond training meal staff, we also involve the elderly in nutrition education courses to enhance their understanding of food, enabling them to cook suitable ingredients at home.

Integration of Nutritional Care with Community Care Centers

The Dongrong Community Care Center combines activities with meals to encourage seniors to go outdoors. In addition to providing daily meals based on nutritionist guidance, the center also organizes activities such as cognitive games, nutrition education, and aerobic exercise. These programs motivate seniors to come to the center and engage with others, which not only helps delay functional decline but also alleviates depressive symptoms. The center operates with an open-door policy, warmly welcoming elderly residents from neighboring villages to participate in the activities.

In our caregiving courses, we have many dedicated volunteers who, through training by nutritionists on food-related knowledge, embody the concept of early-senior volunteers providing care for both the younger-old and older-old, allowing those being cared for to feel comfortable and respected. Initially, the seniors showed little interest in the activities, so we personally sought out instructors to learn health exercises. After one to two years of effort, we developed a set of songs and exercises suitable for seniors. Now, we lead the seniors every morning in 30 minutes of health exercises that not only stretch their muscles but also relax their minds, followed by a full day of courses. This routine provides the elderly with both physical activity and learning opportunities daily. They also enjoy nutritious meals together, encouraging them to go outdoors rather than stay at home, enriching their lives with more vitality and social engagement.

(4) Environmental Sustainability



I am Tsai Jia-Jin, Chairperson of the Taiwan Photovoltaic Industry Sustainable Development Association. Promoting solar photovoltaic energy has been my lifelong commitment. The development of renewable energy today is typically driven by local geographic and environmental advantages. Tainan City, with approximately 2,500 hours of annual sunlight, is exceptionally well-suited for solar photovoltaic development.

Chairman of the Taiwan Photovoltaic Industry Sustainable Development Association (TPISA) / Tsai Jia-Jin

Integration of Nutritional Care with Community Care Centers

In recent years, Tainan City has actively promoted solar photovoltaic policies, with an approved capacity exceeding 4.7 GW, ranking first among all counties and cities in Taiwan. However, to support the increased output value of the Southern Taiwan Science Park, even more green electricity will be needed. Solar photovoltaic energy has created numerous job opportunities; although it currently accounts for only 4.5% of Taiwan's energy mix, the employment generated by solar power far exceeds that of coal-fired power plants. I believe that promoting solar photovoltaic energy not only supports small and medium-sized enterprises and boosts local economic output but also fosters harmony with environmental sustainability.



Recommendations for the Future Development of Solar Photovoltaic Industry

There are already many solar panels along the coastal areas of Tainan City, which may be approaching saturation. It is recommended to expand solar development into the mountainous regions. Tainan still has a significant amount of idle farmland, and in the future, we hope to see solar energy integrated with local revitalization efforts, encouraging young people to return to their hometowns and invigorate the local economy.

The development of energy storage systems is also a future trend. Energy storage in disaster preparedness should be developed in residences, public facilities, and schools to safeguard public safety by decentralizing stored electricity. For science parks, it is recommended to establish a Behind-the-Meter Energy Storage management system that stores excess electricity during off-peak hours and dispatches it during peak hours. This approach not only reduces contracted capacity but also lowers grid load, preventing power outages and ensuring more stable production capacity.

(5) Warmth Sustainability

I am Tsai Yi-Zhen, currently working at Chi Mei Hospital in Liouying, Tainan, dedicated to long-term care services, especially in the field of home nursing. The aging population in the northern Tainan area continues to increase year by year. Beyond providing necessary medical assistance, we are also deeply concerned about whether patients or individuals with disabilities receive proper care after leaving the hospital. From home nursing stations to the upcoming Long-Term Care 3.0 program launching in 2025, we strive to ensure that local seniors, disabled individuals, and caregivers have access to sufficient resources and support.



Coordination Between Long-Term Care Services and Medical Institutions

The northern Tainan region has long been confronted with challenges of population decline and an aging demographic. Providing comprehensive and effective care for local residents has become an urgent and pressing issue that requires immediate attention.

In 2004, the Tainan City Government invited Chi Mei Hospital to establish Liouying Chi Mei Hospital in Liouying District. The hospital set up a home nursing station and a hospice ward, officially launching long-term care services in the northern Tainan area to provide care for the elderly and disabled. In recent years, aligned with the Long-Term Care 2.0 policy, an A-level unit (community integrated service center) was established in 2018. Looking ahead, there are plans to introduce Hospital at Home (HAH) services in coordination with the upcoming Long-Term Care 3.0 program.

When long-term care was first promoted, acceptance was low. It was not until patients and their families experienced the services firsthand and had positive impressions that word-of-mouth began to spread, gradually increasing awareness of long-term care among medical personnel and families. With referrals from healthcare professionals, acceptance improved, and the number of users steadily grew (over 700 cases in 2024), ultimately establishing a strong reputation.

Changes Brought by Long-Term Care

Long-term care services not only provide care for the elderly and disabled but also offer respite for patients' families and caregivers. Additionally, these services ensure proper care and support after patients are discharged from the hospital. According to statistical data, cases receiving long-term care services have a lower rate of hospital readmission, which helps reduce the burden on hospitals. In alignment with Long-Term Care 2.0, hospitals can apply for assistive devices for patients as they prepare for discharge, making it easier for both the patients and their families to manage subsequent care.

Under the Long-Term Care 2.0 policy, the community-integrated care model classifies long-term care service units into three levels: A, B, and C, ranked from largest to smallest in scale. Level A units provide supervision and technical support to Level B and C units. Level C units fill gaps that the medical system cannot fully cover, such as organizing communal meals for seniors, concerts, and various courses and activities. These services not only promote social engagement among community elders but also help with ongoing health monitoring.

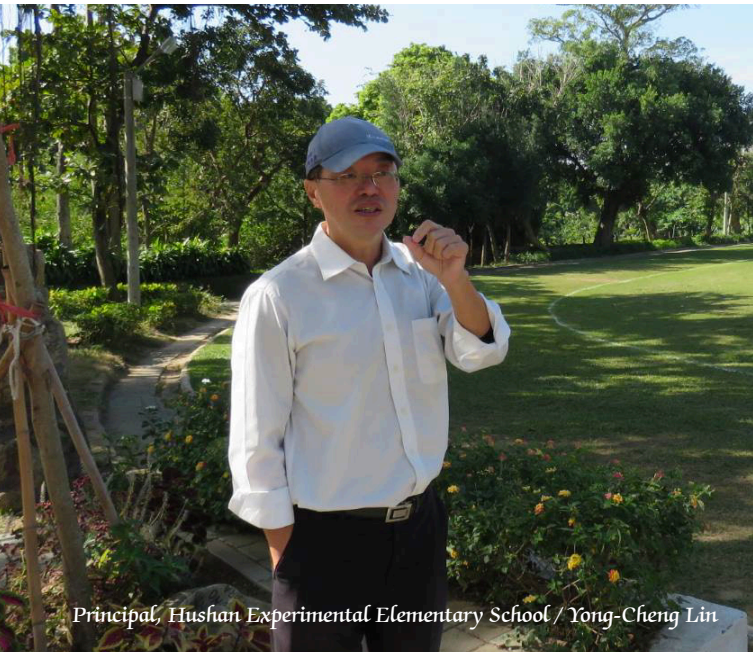


Supervisor, Nursing Department, Chi Mei Medical Center, Liouying, Tainan / Tsai Yi-Zhen

Recommendations for the Future: Resource Integration and Support

Currently, an increasing number of private institutions are investing in the long-term care sector, especially those providing home care services. We hope the government will further integrate these resources to promote institutional professionalization and foster close collaboration between long-term care units and medical institutions, achieving a seamless “one-stop” model from treatment to subsequent care. Additionally, we look forward to the government providing communities with the necessary resources and manpower to establish and sustain community care centers for long-term development.

Effectively protecting the elderly and those with disabilities and ensuring they are not overlooked by the social safety net has become a critical challenge in modern times. By promptly identifying issues or providing assistance at the grassroots level, it is possible to prevent situations from worsening and better safeguard vulnerable populations.



Principal, Hushan Experimental Elementary School / Yong-Cheng Lin

(6) Cultural and Educational sustainability

I am Lin Yong-Cheng, principal of Hushan Experimental Elementary School, and this year marks my 13th year serving at Hushan. Over these 13 years, I have witnessed the development of our school. After renewing the Green Flag certification three times in 2015, 2018, and 2020, Hushan was awarded the "Permanent Green Flag Certification" in 2022, becoming the first school in Asia to receive the highest honor from the internationally recognized Eco-Schools program, affiliated with the United Nations' sustainability goals. We also aspire for Hushan to continue advancing in the direction of becoming a full Eco School.

Sustainable Cultural and Educational Development and Campus Ecological Sustainability

The sustainability of education and culture is closely linked to the sustainable development of schools. To date, Tainan City has continuously strived to promote sustainable ecological campuses and achieved the highest overall score nationwide at the 2024 "Eco Schools, Technological Innovation, and Sustainable Education Achievements" national conference. In alignment with central government policies, sustainable ecological campuses are gradually being transformed into net-zero green campuses. This transformation is based on greenhouse gas inventories conducted by schools, supplemented by technological monitoring, campus renovations, and related measures to progressively enhance carbon reduction efforts. The initiative addresses all aspects of school life—food, clothing, housing, transportation, education and recreation, and procurement—in accordance with net-zero green campus standards.

I believe that the sustainability of education and culture should start from the needs of the children. In the past, schools in Tainan City have implemented many carbon reduction policies such as campus cooling and water conservation. However, we are now more actively understanding the specific learning needs of the children, assessing the school environment, and only after confirming these needs do we proceed with environmental improvements. Schools are aligning with the United Nations' campus land indicators by reducing cement coverage to allow the land to breathe, attracting small animals and insects to inhabit the area, thereby providing children with a more diverse learning environment.

Recommendations for the Future of Sustainable Cultural and Educational Development

The implementation of net-zero sustainability must follow international developments, and it is hoped that all levels of government will pay greater attention to global trends to align Taiwan with the international community. Furthermore, schools should be guided to better understand the current status of net-zero sustainability. For example, Hushan Experimental Elementary School drew inspiration from foreign primary and secondary schools to propose the idea of a grass playground. This addition expanded the original options of PU and red soil playgrounds, allowing children the freedom to run on grass—a joy for us as educators. It is also hoped that such transformations will inspire more innovative thinking, enabling the sustainable advancement of education and culture in Tainan.





Deputy Mayor of Tainan City / Ze-Shan Yeh

I am Yeh Ze-Shan, Deputy Mayor of Tainan City. Since 2021, when I served as Director of the Tainan City Cultural Affairs Bureau, we have been organizing the Tainan International Music Festival. By 2024, this artistic event has entered its fourth edition and represents a new festival brand launched under Mayor Huang Wei-Che's administration. As Taiwan's earliest developed city and a capital with the richest cultural heritage, Tainan leverages this international music festival to bring together world-class musicians for joint performances, integrating local culture to showcase Tainan's unique artistic style and urban spirit.

The Origin and Founding Purpose of the Music Festival

Tainan is renowned for its profound history and rich cultural atmosphere. The city not only possesses abundant literary and artistic resources but also has laid a solid foundation for its musical development, from traditional folk music such as Nanguan and Beiguan to Western classical music introduced through the education system in the mid-19th century. Additionally, the Chimei Museum has long been dedicated to promoting music education, nurturing musical talents, and preserving musical instruments, thereby injecting an international musical vitality into the city.

Based on this background, we decided to separate the music programs originally under the "Tainan Arts Festival" and, in 2021, expanded to hold the inaugural "Tainan International Music Festival" (TIMF). This initiative aims to establish an international, professional, and high-caliber music festival to cultivate outstanding musical talents in Tainan and to promote a deeper connection between music and society.

Tainan 400 in 2024: Voices of the Era

In 2024, coinciding with the "Tainan 400" anniversary, the music festival featured the theme "Voices of the Era," commissioning composer Shih Cing-Ru to create a four-part city symphonic poem, *The Rising of a Legendary City*, narrating Tainan's historical progression from the Dutch colonial period to the present through music. Additionally, the festival invited the Wiener Symphoniker and the Wiener Staatsopernchor to perform Beethoven: *Symphony No. 9 in D Minor, Op. 125, "Choral"*, commemorating the 200th anniversary of its premiere, carried profound significance within the historical framework of "Tainan 400."

Past Challenges and Future Aspirations

To achieve diverse presentation effects, many performances are held in unconventional venues, such as Wanpi World Zoo and The Spring. This year, flash performances were also conducted at Tainan Confucius Temple and the Tainan Art Museum. Performing in non-traditional venues often brings unexpected challenges that put the capabilities of the production team to the test. Notably, sudden rain showers from unpredictable weather frequently catch on-site staff off guard.

During the severe pandemic years, the arts and culture sector faced unprecedented difficulties, with performances forced to be canceled and creative work unable to continue, resulting in a serious blow to the community. However, through the international music festival and performances held in various locations, people felt immense encouragement and inspiration. As conductor Muni Takivaljit said, "As your voices soar, all that is wondrous begins to unfold."

Tainan is a place where people dream, work, fall in love, get married, and live happily ever after. In this historic ancient city, where local traditions blend seamlessly with global influences, we look forward to continually sharing the voice of Taiwan's cultural capital with the world through the Tainan International Music Festival.

2. Economic Upgrading

(1) Establishment of AI Leading Enterprises, WinWin Innovation and Incubation Base, and Youth Entrepreneurship

Tainan City actively promotes youth entrepreneurship by providing financial support and entrepreneurial training to help young people realize their business dreams. Since 2023, the youth entrepreneurship loan limit has been increased from NT\$1 million to NT\$2 million, and starting June 2024, full interest subsidies for the first five years have been offered to reduce the financial burden during the early stages of entrepreneurship. In 2024, a total of 23 loans were approved, amounting to NT\$31.4 million, effectively assisting many young entrepreneurs to successfully start their businesses.

To promote cross-sectoral interaction, the city government also organized two keynote lectures by distinguished speakers and five networking events for entrepreneurs. These initiatives assist entrepreneurs in learning best practices, expanding their networks, and enhancing professional skills, thereby facilitating

resource sharing and collaboration opportunities to create a more comprehensive entrepreneurial environment.

The "WinWin Innovation and Incubation Base" has continuously promoted entrepreneurship training and activities. By the end of 2024, a total of 298 entrepreneurship courses, workshops, and related events had been conducted, attracting over 15,266 participants. Through professional counseling and resource integration, the Hub has successfully facilitated the establishment of 47 companies, generating a local economic impact of NT\$118 million and creating 275 employment opportunities. Furthermore, the Hub secured NT\$67.47 million in entrepreneurial investment funds and NT\$49.77 million in subsidies, providing a robust support system for entrepreneurs and driving the sustained development of Tainan's startup ecosystem.

(2) Shalun Green Energy Technology Demonstration Site

Tainan City, in alignment with the government's "Five Plus Two Innovative R&D Program – Green Energy Technology Industry Innovation," has established a "Green Energy Technology Demonstration Site" within the Shalun Smart Green Energy Science City. This site aims to create a green living environment and provides a platform for research and development, testing, verification, and industry matchmaking to promote the development of the green energy industry chain. As of the end of December, the demonstration site has attracted 25 companies with a total of 805 personnel, continuously advancing innovation and application in green energy technologies.



Green Energy Technology Demonstration Site

(3) Business District Guidance Program

Since 2011, the Tainan City Government has been promoting business district development guidance through three key approaches: infrastructure development, R&D support, and marketing combined with organizational autonomy. This ongoing initiative aims to improve the quality of business district management environments in Tainan, with a gradual shift toward fostering self-management within organizations. Alongside diverse guidance methods and implementation strategies, the city markets the distinctive characteristics of its business districts, which in turn stimulates spending power and driving overall industry development within Tainan’s commercial sectors.

At present, 40 business district organizations have been established, with continued efforts to promote innovation and sustainable development. In 2022, seven project guidance initiatives were implemented to assist in forming business district associations, securing subsidies totaling NT\$16.35 million. The city government remains committed to strengthening business district development to foster economic prosperity.

In 2023, guidance was provided to 10 business districts, with nine projects selected for the Cloud Era Transformation Plan and 26 projects receiving revitalization subsidies, totaling NT\$13.63 million, alongside the establishment of four emerging business districts. In 2024, 27 projects were launched with an investment of NT\$4.7 million, securing subsidies for 34 revitalization projects and two business district aesthetics projects, amounting to NT\$26.98 million in total support.



Enhancement of Quality in Business District Operating Environment

(4) Phase III Expansion of Tainan Science Park

The occupancy rate for land leases in Phases I and II of the Tainan Science Park has surpassed 99%, with development nearing saturation. To meet the growing demands of high-tech industries, the Executive Yuan approved the "Tainan Science Park Phase III Expansion Project" in 2020, selecting the Xinshi District’s Taiwan Sugar Corporation land (Kansi Farm) as the site for the new expansion. The planned area covers approximately 84.5 hectares, including 38.9 hectares reserved for industrial use and 45.5 hectares for public facilities.

Phase III will introduce industries such as semiconductors, smart machinery, and smart biomedicine, and is expected to create approximately 4,900 jobs and generate an annual output value of around NT\$39.2 billion. The urban planning modifications for the expansion were publicly announced and implemented in June 2023, with construction and investment promotion proceeding in parallel. Completion is scheduled for 2026, injecting new momentum into the development of high-tech industries in southern Taiwan.



Simulated Illustration of Phase III Expansion of Tainan Science Park



The Groundbreaking Ceremony for Phase III Expansion of Tainan Science Park

(5) Growth in the Number of Accommodation Establishments

To assist the public in understanding and smoothly applying for the establishment of lodging businesses, Tainan city has continued to promote a variety of service measures. In recent years, informational sessions have been held in the South, Central-West, Liujia, Xinying, and Yanshui districts to provide localized services. Additionally, a regular consultation service is available every Tuesday at the Yonghua City Hall Service Center, with cases referred to relevant agencies for further guidance as needed. Two dedicated hotlines (06-6350192, 06-2985812) are also available to provide immediate and professional consultation, making it easier for the public to understand application procedures and related regulations.

(6) Smart Aquaculture, Agricultural and Aquacultural Cold Chain Logistics Centers, and Domestic and Export Marketing of Agricultural and Aquacultural Products

The “Aquatic Product Processing and Logistics Center” at Jiangjun Fishing Harbor, the only one in Taiwan initiated by a local government, officially broke ground in September 2022. This center aims to strengthen Tainan’s aquatic product cold chain processing capacity, enhance the competitiveness of seafood products, and create new industrial opportunities for fishermen. Tainan is the largest aquaculture area in Taiwan. The center will assist in the frozen processing of major fish species such as milkfish, tilapia, and grouper, improving production and marketing structures and stabilizing prices.

The project is planned to be executed in two phases. The first phase involves an investment of NT\$144 million to construct a HACCP/GHP-certified aquatic product processing plant and cold storage warehouse, with an estimated annual processing capacity of 4,300 metric tons. The operation will be entrusted to the private sector through an operational transfer (OT) model. The second phase will develop a logistics transfer hub to expand overall industrial benefits.

This project has received central government subsidies and support from the city council, as well as recognition from young aquaculture entrepreneurs. It is expected to help build local brands and promote Tainan’s high-quality aquatic products to national and international markets.



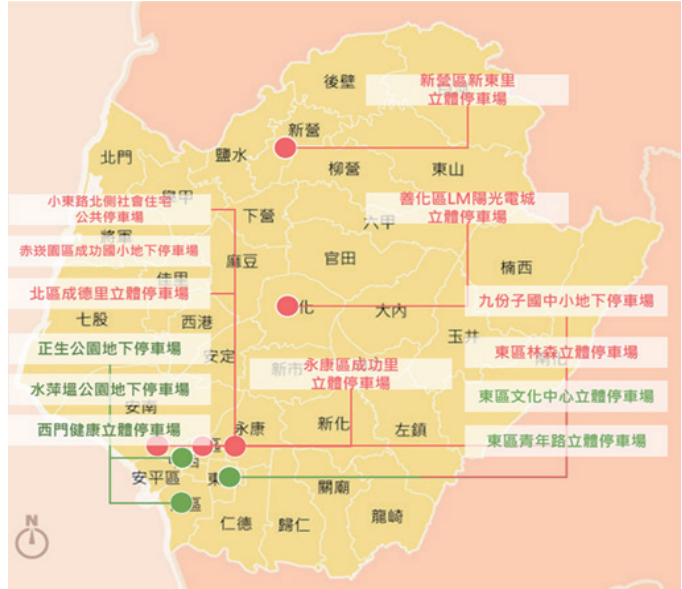
Inauguration Ceremony of Tainan City Aquatic Products Processing and Logistics Center

3. Transportation Upgrading

(1) Construction of Multi-Story Parking Facilities

To address the imbalance between parking supply and demand in Tainan City, the Bureau of Transportation has been implementing the "Tainan Parking NO.1" since 2018. This initiative actively expands parking spaces through strategies such as incentivizing private sector parking lot construction, revitalizing idle land, and establishing new multi-story parking facilities. In coordination with the Forward-Looking Infrastructure Development Program, a total of 13 multi-story parking lots were approved for subsidies between 2018 and 2024, all of which have commenced construction and are expected to be fully completed by 2027. As of the end of 2024, five multi-story (underground) parking lots have been completed, adding 1,452 car parking spaces and 371 scooter parking spaces. In 2025, four more parking lots are expected to be completed, bringing the total supply to 2,433 car parking spaces and 1,088 scooter parking spaces. Upon full completion, the project will provide a total of 3,847 car parking spaces and 2,138 scooter parking spaces.

The newly constructed parking facilities incorporate intelligent management systems, including license plate recognition, occupancy detection, multiple payment options, and app-based navigation, enhancing parking efficiency while reducing carbon emissions. Additionally, a multi-purpose development approach is adopted, integrating amenities such as exhibition halls and childcare centers with pedestrian-friendly spaces to create convenient, energy-saving, and low-carbon multifunctional venues. The entire project also aligns with green building and solar energy designs, embodying the vision of sustainable urban development.



Overview of Construction Sites for Forward-Looking Multi-Story Parking Facility Projects



Multi-Purpose Use of Multi-Story Parking Facilities (Parking, Cultural Center Exhibition Hall, Community Activity Center, Childcare Center, Parent-Child Recreation Center)



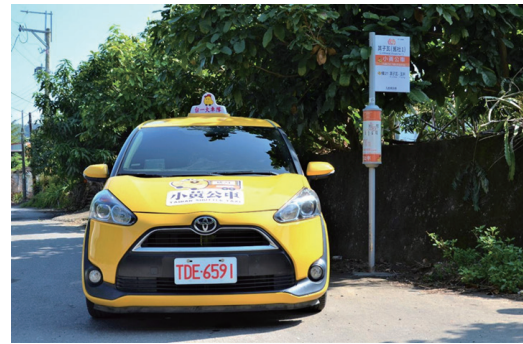
Chengsen Sports Park

(2) Yellow Taxi Bus Service

To address the shortage of transportation resources in rural areas, the Tainan City Government’s Transportation Bureau has implemented demand-responsive transport services since 2019 by launching the “Yellow Taxi Bus” program. This service uses taxis to operate rural bus routes, providing more flexible and mobile transportation options. Residents can make reservations for pick-up within a 1-kilometer radius of bus stops at any time, effectively overcoming the time and space limitations of traditional public transit.

The Yellow Taxi Bus policy employs a multi-faceted strategy, including collaborating with academic institutions to analyze demand, coordinating participation between bus and taxi operators, offering affordable fares and free ride promotions, integrating bus information platforms, and coordinating with mobile medical service points to provide door-to-door transportation. This creates a convenient service model that combines transportation and healthcare.

Since its launch, the Yellow Taxi Bus has covered 42 routes across 27 districts in the city, serving over 300,000 passengers. It has not only improved transportation for students and elderly residents seeking medical care but also stimulated local industry and community vitality. The program has received multiple accolades, including the “2021 Taiwan Healthy City and Age-Friendly City Award” and the “5th Government Service Award,” becoming a model of transportation equity and urban-rural integration in Tainan.



Yellow Taxi Bus and Bus Stop



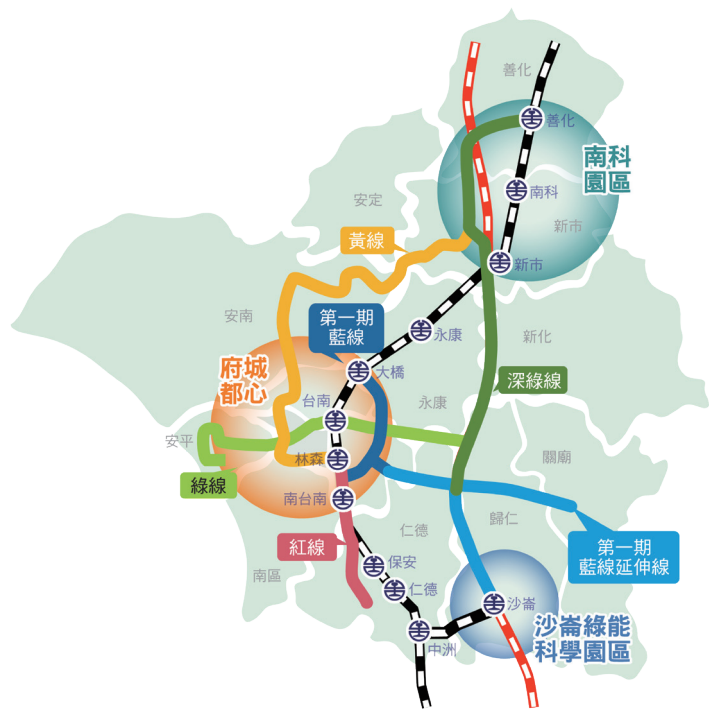
Yellow Taxi Bus Route Network



Yellow Taxi Bus Route Launch Ceremony

(3) Metro System

To enhance the quality of public transportation in Tainan City, create a convenient, friendly, and energy-efficient transit environment, and promote urban development, the city government is implementing the metro network in phases according to the overall plan approved by the Ministry of Transportation and Communications in March 2022. The priority network currently comprises six lines. The first phase of the Blue Line passed the Ministry's comprehensive planning review in March 2024 and is now under review by the National Development Council. Construction is scheduled to commence in 2026, with operations expected to begin in 2031. Subsequent phases will advance the Blue Line extension, Red Line, Green Line, Yellow Line, and Dark Green Line in sequence.



Tainan Metro Priority Network Map

(4) Tainan Urban Zone Northern Outer Ring Expressway System

To alleviate traffic congestion caused by the rapid development of the Tainan Science Park designated area, the city has actively sought central government subsidies and is promoting the "Construction Project of Tainan Urban Zone Northern Outer Ring Road," with a total budget of approximately NT\$15.867 billion. The road spans about 14 kilometers and is divided into four phases. The fourth phase crosses the North and Yongkang Districts, with a length of approximately 3.7 kilometers, featuring three interchanges at Zhonghua North Road, Haiyan Road, and Zhonghua Road. The project covers about 19.25 hectares of land. The urban planning amendment was publicly exhibited on December 29, 2021.

Mayor Huang Wei-Che stated that upon completion, the Northern Outer Ring Road will connect the Tainan Science Park, Tainan Technology Industrial Park, and the Taiwan High Speed Rail Tainan Station, forming an industrial corridor. It will also quickly link administrative districts including Xinhua, Xinshi, Yongkang, Annan, North, and Central-West Districts, significantly improving traffic efficiency in the Old City of Tainan. The city government estimates that travel time from the Tainan Science Park to Anping will be reduced to 15 minutes, greatly benefiting overall urban development and industrial chain integration. Land use conversions have been made accordingly to facilitate the project's advancement and the overall layout of public facilities.



Progress Overview of Each Phase of Tainan Urban Zone Northern Outer Ring Road Construction Project

(5) Road-smoothing Project

The city’s Road-smoothing Project differs from typical road resurfacing, offering a more comprehensive scope that includes subgrade enhancement, slope adjustments, and median island renewal to enhance overall road quality and durability. Prior to construction, leveling are conducted; during construction, fully automated machinery controls paving precision; and upon completion, smoothness inspections are carried out. A management mechanism restricting excavation within three years post-construction is also implemented to ensure stable construction quality, providing road users with the smoothest and safest driving experience. When planning the Road-smoothing Project, the city comprehensively considers factors such as key connecting roads, high traffic volumes, tourist and recreational areas, integration with existing road networks, and coordination with other policies (e.g., sewerage construction), gradually building a well-developed urban road system.



Road Surface Improvement Project on Section 3 of Taijiang Boulevard, Annan District (from Zengwen Creek Drainage to Anming Road)

(6) Agricultural and Irrigation Roads Repair and Renovation

Tainan City is actively promoting the repair and maintenance of agricultural and irrigation roads, aiming to build a rural version of a “highway” to enhance farmers’ travel safety and improve the efficiency of agricultural product transportation. In response to damage caused by recent typhoons, the city government has not only allocated budget funds but also actively sought subsidies from the central government to ensure continuous improvement and quality upgrades of agricultural roads. As of 2024, 15.09 kilometers of fishing roads and 5.29 kilometers of irrigation roads have been improved. Moving forward, the city will continue to collaborate with district offices and implement regular supervision and assessment mechanisms to ensure projects are completed on time and meet quality standards, thereby continuously improving rural living quality and promoting agricultural development.



Results of Agricultural and Irrigation Roads Repair and Renovation

(7) Repair and Renovation of Agricultural and Irrigation Roads in Farmland Readjustment Areas

Tainan City’s farmland readjustment areas are widely distributed across 23 administrative districts, covering a total area of 57,758 hectares. These areas serve as one of the nation’s primary breadbaskets and key region for economic crops. With the advancement of agricultural mechanization and the growing demands of rural transportation, the existing field access roads and on-farm irrigation canals no longer adequately meet the needs of modern agricultural operations and thus require urgent improvement and upgrading. The Land Administration Bureau is actively promoting the renewal and improvement of agricultural and irrigation roads by widening agricultural roads to over 4 meters, laying graded crushed stone surfaces, and replacing irrigation and drainage facilities with concrete U-shaped channels. These measures effectively enhance traffic flow and irrigation efficiency. From 2019 to 2024, the city government has invested a total of NT\$2.821 billion, completing repairs on 938.03 kilometers of agricultural roads and 140.34 kilometers of irrigation roads—equivalent in length to three highways—achieving the highest results nationwide.

Improving agricultural and irrigation roads not only enhances the efficiency of farm product transportation and the safety of farmers’ travel but also strengthens the connectivity between rural and urban areas. This injects new momentum into Tainan’s agricultural development and demonstrates the city’s robust capability in continuously upgrading its status as a major agricultural hub.



H-8 Agricultural Road Improvement Project in Houbi Land Readjustment Area



Agricultural Road Improvement Project on North-South Roads 1 and 2 in Houbi (14) Land Readjustment Area



Mayor's Inspection of the Yanshui Land Readjustment Area on September 16, 2024

4. Health Upgrading

(1) Comprehensive Medical Care System

To enhance Tainan City’s medical care capacity and emergency response effectiveness, the Department of Health continues to assess and strengthen the allocation of medical resources. The city currently has 34 regional or higher-level hospitals, 2,005 clinics, and 136 nursing institutions, all subject to regular supervision and assessment.

For emergency and critical care response, Tainan has 13 designated emergency hospitals. These are integrated with health centers, civil defense medical teams, the Ministry of Health’s Southern Emergency Response Center, and disaster rescue teams to form a comprehensive emergency system. Quality improvement efforts include completing written follow-up guidance for all 13 emergency hospitals and supporting their participation in Ministry of Health programs aimed at enhancing the quality of critical care and intensive care unit transfers, thereby promoting collaboration within the southern regional medical network.

The city has also established the Southern Region Post-Acute Care (PAC) model, integrating five core hospitals (National Cheng Kung University Hospital, Chi Mei Hospital, Chiayi Christian Hospital, Chiayi Chang Gung Memorial Hospital, and National Taiwan University Hospital Yunlin Branch) with 33 participating hospitals. This network conducts education, training, and on-site visits to improve post-acute care.

Ambulance equipment and operational quality are regularly inspected; in 2024, all 54 ambulances checked met 100% of standards. To foster harmonious doctor-patient relations, a medical dispute mediation platform has been established, with care groups in each hospital and a mediation committee to assist in resolving disputes.

These efforts are supported by three main strategies: improving the quality of emergency and critical care, integrating the southern region’s post-acute care model, and establishing a medical dispute mediation mechanism, all to comprehensively safeguard patient safety and protect the rights of medical personnel.



Tainan Medical Law Forum

(2) Enhancing Testing Service Capacity

To strengthen Tainan City’s public health testing capacity, the Department of Health continued in 2024 to advance a wide range of testing services, including food chemistry, microbiology, infectious diseases, and water quality. Over the year, 3,292 food chemistry tests, 1,575 microbiological tests, 210 water quality tests for water vending stations, and 17,543 infectious disease tests were completed. Follow-up procedures were initiated for all non-compliant results to ensure consumer safety.

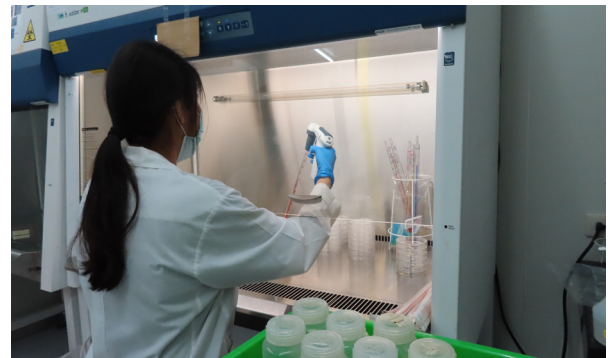
Additionally, the city undertook three central government-commissioned projects, testing 597 high-risk samples of fruits and vegetables, cosmetics, and traditional Chinese medicinal materials, with 108 found non-compliant (18.1%). Joint inspections of aquatic products for heavy metals and other items totaled 925 tests, with a non-compliance rate of only 0.4%.

To further enhance testing capacity, 2024 saw the introduction of a new method for detecting total glycoalkaloids in food and the acquisition of nine new pieces of laboratory equipment. Laboratory quality management was also strengthened, with a cumulative total of 51 testing items certified by TAF, TFDA, and CDC.

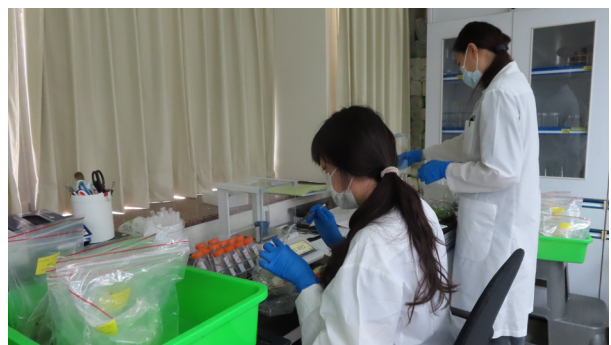
The scope of testing services was expanded to support more sectors, including over 20,000 dengue fever and drug abuse tests, and 165 commissioned tests for food businesses, schools, and public welfare organizations. The city also produces four types of simple test reagents annually for use in elementary and junior high schools, reinforcing food safety education and protecting student health.



Specimen Collection and Receipt by Inspection Center



Performance of Food Microbiological Testing and Analysis by Inspection Center



Performance of Pesticide Residue Testing and Analysis by Inspection Center

(3) Community Nutrition Care Personnel Training Program

To promote nutrition and health awareness and strengthen dietary knowledge among all citizens, Tainan City continues to leverage the “Community Nutrition Promotion Centers” to integrate education, training, and cross-agency collaboration. This initiative actively cultivates nutrition promotion personnel across various levels, implementing nutrition as a practical, localized lifestyle.

In 2024, a total of 110 community nutritionists were trained, covering topics such as health education communication, dietary texture assessment, and food hygiene, achieving a 100% course satisfaction rate. Simultaneously, 30 community volunteers received training to enhance their skills in nutrition risk assessment and dietary knowledge, with significant improvements in post-training test scores and a 100% satisfaction rate.

For healthcare professionals, in collaboration with Tainan Municipal Hospital and Chi Mei Hospital, 284 personnel were trained in courses including elderly nutrition, swallowing disorder identification, and dietary texture modification. The training outcomes were notable, with a 96% satisfaction rate.

Tiered training was provided for long-term care staff, with 140 participants trained on topics such as enteral nutrition, balanced meal preparation, and disease-specific dietary adjustments. Participants showed statistically significant improvements in post-training assessments. Practical course design was further enhanced through cooperation with Southern Taiwan University of Science and Technology to strengthen caregiving expertise.

To improve nutrition care quality for the elderly, eight training sessions were held for senior meal service sites, training a total of 253 individuals. Post-training assessments showed significant improvement, with an overall satisfaction rate of 96%.

Through these multi-targeted, tiered nutrition education strategies, Tainan City is steadily building an age-friendly nutrition city, ensuring that healthy eating is truly integrated into every corner of citizens’ daily lives.



Community Volunteer Training Course (Food Sticker Activity and Introduction to Nutrition Risk Screening)



Nutrition Education Training for Medical Personnel (In Collaboration with Chi Mei Hospital)

(4) Age-Friendly City

Tainan City employs a bottom-up approach through community health promotion to build age-friendly communities, while integrating resources top-down via cross-departmental government platforms. In 2024, the city fully implemented the “Age-Friendly Community Plan” across all 37 districts, achieving 100% coverage. Based on citizen participation, 74 improvement measures were executed, focusing on eight key areas including transportation, social participation, and health services.

The city government also convenes the Age-Friendly City Promotion Task Force and district-level steering committees to coordinate resources addressing senior issues such as fraud prevention and elder-to-elder care. Additionally, efforts have been made to develop locally distinctive friendly venues. By the end of 2024, Tainan had established 316 age-friendly pharmacies and added 104 age-friendly organizations, offering thoughtful services such as medication consultation, large-print menus, and seating accommodations.

Community worker capacity has been strengthened through training sessions and 37 citizen engagement forums, enhancing responsiveness to local needs and action planning. Through lectures, festival events, and diverse media campaigns, the city deepens public recognition and practice of age-friendly concepts, comprehensively building a livable, safe, and active aging-friendly city.



Dongshan District Organizes 'Countryside Sweet Potato Joy-Sweet Potato Festival' Intergenerational Integration Event



Yanshui District Health Center Organizes Age-Friendly Visitation Event

(5) Safe Epidemic Prevention Healthy City and Real-Time Epidemic Surveillance Reporting Rate

Tainan City is committed to building a “Safe, Epidemic-Resilient, and Healthy” city. In 2020, in response to the global pandemic, the city comprehensively strengthened its epidemic surveillance system, achieving a 100% reporting rate. By integrating cross-departmental collaboration and community efforts, Tainan swiftly monitored changes in the epidemic and responded promptly to safeguard the health and safety of its citizens.

Looking ahead, the city aims to further enhance urban resilience and innovation by leveraging data, communication, and technology to integrate social resources, while ensuring information security and risk management. These efforts will effectively address urban challenges and develop high-quality, sustainable infrastructure capable of post-disaster recovery and adaptation, creating a healthy city that can coexist with various uncertainties.

At the same time, Tainan actively promotes health equity by assessing the needs of vulnerable populations and planning diverse physical and mental health care and promotion programs. The city advances health education and consultation services to protect the health rights of all residents, fostering social inclusion and equitable resource distribution. By building localized, accessible, and friendly health environments, Tainan strives to reduce health disparities and move toward a safer, healthier, and more resilient sustainable city.



Inauguration Ceremony of Guiren Sports Park

(6) Development of New Themed Parks or Renovation Projects

The city is committed to creating a livable environment, regarding parks as the vitality of urban life, and continuously promoting the "One District, One Park" policy. Currently, the city has a total of 555 parks, covering an area of 829.629 hectares. To provide more child- and family-friendly spaces, the city government actively promotes the construction of themed park playgrounds that incorporate elements such as terrain, historical context, and local culture. Through civic participation, residents and experts are invited to jointly plan and design these parks to meet local needs.

By the year 2030, it is planned to establish 74 themed parks with an investment exceeding NT\$610 million. As of 2024, 38 parks have been completed. Representative examples include Guiren Sports Park, which integrates the local agricultural specialty "sugar apple" and the nearby high-speed rail as themes; Rende Sports Park, which incorporates train imagery; and the South District Healthy Oasis Park, featuring a themed playground with climbing walls, ropes, nets, dual slides, and a miniature tunnel modeled after a train mountain cave.

The city government will continue to combine local topography and cultural characteristics to promote inclusive and challenging themed playgrounds, creating diverse, safe, and creative play environments for children.

(7) Standard Operating Procedure (SOP) for Firefighter Turnout Gear Decontamination and Cleaning

Firefighters often need to enter high-risk disaster sites characterized by high temperatures and toxic substances. Their protective clothing is easily contaminated by smoke, soot, carbon particles, and harmful substances, posing potential health risks. In response, the Tainan City Government Fire Department has taken the national lead by independently developing a "Standard Operating Procedure for Decontamination and Cleaning of Firefighting Gear." This comprehensive process, established from the disaster site to the return to the station, aims to safeguard the health of frontline personnel.

In 2024, the department formulated the "Principles for Decontamination, Cleaning, and Safety Inspection of Rescue Personnel," requiring staff to initially rinse their equipment with clean water on-site and properly package it to prevent contamination inside fire trucks. Advanced cleaning is then conducted upon return to the station. That same year, advanced cleaning training for firefighting gear was conducted, training a total of 751 personnel to enhance practical skills and safety awareness.

Additionally, the Fire Department has equipped fire trucks with decontamination sprinklers, allowing personnel to promptly remove chemical contaminants from their clothing at the scene. This innovative approach effectively reduces exposure risks, strengthens post-disaster health protection, and fosters a safer working environment for firefighters.



Decontamination and Cleaning of Firefighting Gear

5. Environmental Sustainability

(1) Clear Sky Particulate Matter Reduction and Control Plan

Tainan City promotes the "Clear Sky Program," a collaborative effort among 21 government departments to regulate stationary, fugitive, and mobile pollution sources. In 2024, the program assisted factories in reducing VOCs emissions by a total of 662 metric tons. Construction sites implemented smart watering systems and installed 24 centralized joss paper collection boxes. Air quality maintenance zones were designated to reduce the proportion of uninspected vehicles and old scooters, alongside subsidies to promote electric scooters.

Over the past six years, air quality has significantly improved. The proportion of days with an Air Quality Index (AQI) of 100 or below increased from 76.8% to 91.9%. Annual average concentrations of PM₁₀ and PM_{2.5} improved by 27.3% and 27.1%, respectively, demonstrating the effectiveness of air quality management efforts.

(2) Flood Control and Water Management Plan, Integrated Watershed Management Plan

To enhance the city's flood control and drainage efficiency, Tainan City actively promotes regional drainage and dredging projects for small and medium-sized waterways. Maintenance and clearing are conducted on sections prone to sediment accumulation to ensure smooth drainage. In 2024, a total of 165 municipally managed designated regional drainage channels, with a combined length of approximately 655 kilometers, were maintained. The municipal drainage protection standards aim for design capacity to withstand a 10-year return period flood and to prevent overtopping for a 25-year return period flood. The remediation rate has reached 65.01%.

For coastal areas such as Cigu, Jiangjun, and Beimen districts, active efforts have been made to persuade the removal of oyster racks and fixed fishing nets that obstruct drainage functions. Additionally, compulsory removal was carried out on 13 drainage sections (about 25 kilometers) to restore drainage and flood discharge capacity.

In coordination with the central government's "Forward-looking Infrastructure Development Program," a total of 213 systematic water management projects have been undertaken. To date, 129 projects have been completed, 17 are under construction, and the remainder are in the design and land acquisition stages. Under the "National Water Environment Improvement Plan," 35 projects were approved, with 30 completed and closed. The overall progress of these projects is steady, effectively strengthening the city's flood resilience and water environment safety.



Sanye Creek Drainage System Improvement Project



Guizigang Drainage Improvement Project

(3) Key River Rehabilitation and Pollution Control Plan

The major rivers within the jurisdiction of Tainan City include the Jishui River, Yanshui River, Erren River, and Zengwen River basins, which serve as important industrial and agricultural economic centers in southern Taiwan. To enhance the efficiency of water pollution prevention and management, the Tainan City Environmental Protection Bureau has implemented multiple measures to strengthen monitoring and governance.

Between 2024 and 2025, ten water quality sensors were installed in key areas such as pollution hotspots, low dissolved oxygen zones, and complaint-prone regions. Sixty-three enterprises have adopted the Continuous Water Monitoring System (CWMS) for automatic and continuous monitoring, while eight others use a self-management water steward system, establishing a real-time water quality monitoring mechanism.

For major violations, the city government employs scientific inspection instruments for evidence collection. Between 2024 and 2025, monitoring equipment was installed at ten inspection points, successfully identifying and penalizing two enterprises violating the Water Pollution Control Act. Additionally, 43 river patrol volunteer teams comprising 1,009 members participate in water pollution inspections and reporting, thereby enhancing local regulatory capacity.

Furthermore, the city government actively promotes the resource recovery of livestock manure. With subsidies from the Ministry of Environment, the Bawang Dairy Resource Treatment Center was officially commissioned on August 1, 2024. By the end of November 2024, the overall trial operation was completed. The second phase of the project held its groundbreaking ceremony in March 2025. Upon completion, the combined first and second phases will treat over 870 metric tons of manure wastewater daily, effectively improving wastewater and odor issues in the dairy farming area and enhancing the water quality of the Jishui River. This demonstrates Tainan City's concrete achievements in public-private cooperation toward environmental protection and green energy transformation.

(4) Circular Economy

Tainan City has long promoted the recycling and reuse of food waste. As early as 2012, the city obtained fertilizer registration certificates for compost produced at traditional composting facilities and marketed the product under the brand name "Shang Jie Fertilizer." In 2021, two new high-speed food waste fermentation plants were established in Annan and Xinhua Districts, reducing the traditional composting processing time from 60 days to 10 days. Together, these two plants can process an average of 990 tons of food waste per month. The end product is organic fertilizer, which meets miscellaneous compost standards and is suitable for use by farmers and the general public.

Most discarded furniture still holds value for repair or dismantling and reuse. To this end, the city has established the "Treasure Pavilion" program to continuously collect discarded household furniture. Skilled carpenters repair and repurpose usable items, while irreparable furniture is dismantled to produce new furniture or creative cultural products, generating nearly several million New Taiwan dollars in economic benefits annually.

The Chengxi Incineration Plant, in operation for 24 years, has undergone renovations resulting in a 76% water-saving rate and a 24% increase in power generation. The incineration bottom ash is treated at the nation's first self-built bottom ash processing plant, achieving a 100% disposal rate and a 95% reuse rate. The city continues to collaborate with academia to develop diversified recycled products.

Looking ahead to 2027, upon completion of the Chengxi plant's new furnace, Tainan's autonomous waste treatment capacity will be significantly enhanced. The bottom ash reuse plant has obtained ISO 9001 certification and added washing equipment. The fly ash solidification plant will also be upgraded simultaneously, aiming to reduce and reuse fly ash, fully implementing a circular economy.

(5) Implementation of Source Reduction

To promote waste reduction, Tainan City actively advocates the "Bring Your Own, Reuse, Use Less" approach as the three key lifestyle waste reduction strategies. The city also encourages residents to purchase environmentally friendly products that comply with the "One More, Three Less" principle—meaning products with larger quantities but less packaging material, fewer material types, and minimal printing—offered as eco-friendly gift boxes. Diverse activities are organized to engage the public in collective waste reduction efforts.

In 2024, enforcement of the plastic restriction policy included inspections of 7,523 establishments, resulting in 35 violations being reported and subsequently guided to compliance. The "Kaiyuan Market" plastic reduction campaign achieved significant results, successfully reducing 539,760 plastic shopping bags and establishing 212 reusable bag sharing points, collecting 240,000 bags for public use. Night markets and commercial districts also participated: at "Dayi Night Market," 27 vendors reduced 156,090 single-use utensils, while the "Confucius Temple Shopping District" attracted 3,488 participants in a bring-your-own-container shopping discount campaign.

Additionally, the city promotes bulk sales of fruits and vegetables and the use of reusable containers. Bento shops lent out 3,361 reusable lunch boxes, and reusable cups were provided at lantern festivals and school events, reducing the use of 1,798 disposable drink cups. In partnership with Carrefour Anping Store, a packaging recycling station was established to collect over 10 metric tons of cushioning materials and cardboard boxes from online shopping packaging.

In the hospitality sector, 19 promotional events were held with 9,778 participants, collectively supporting waste reduction initiatives and contributing to the creation of a low-carbon, sustainable city.



Promotion of Plastic Reduction Demonstration Market (Kaiyuan Retail Market)

(6) Solar Photovoltaics

Energy transition is a global trend, and Taiwan is actively advancing along this path. Solar photovoltaic (PV) power generation is an environmentally friendly green energy source that can drive local industrial transformation and build a green economic industrial chain. In alignment with central government policies, Tainan City has consistently adhered to the principle of “multiple uses of land” to maximize overall benefits, while upholding the values of “ecology first and green power value-added.”

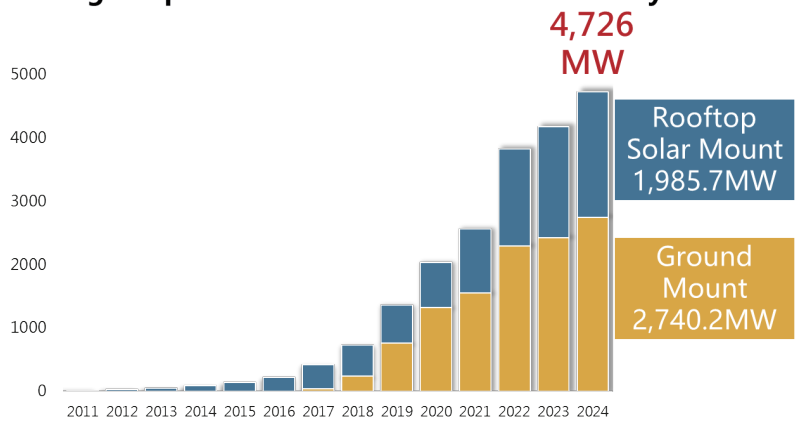
As of December 31, 2024, Tainan City has approved and registered a total of 13,201 solar PV projects with a combined capacity of 4,718 MW. These installations are estimated to generate approximately 5.87 billion kWh annually, sufficient to supply about 1.447 million households—far exceeding the city’s demand of 740,000 households. The annual carbon reduction is estimated at approximately 2.8996 million metric tons, driving investments totaling around NT\$306.7 billion. These figures demonstrate the city’s achievements in promoting renewable energy and the economic benefits of green energy development.



Energy Transition

Developing Renewable Solar Energy

- The annual electricity generation is approximately **6 billion kWh**.
- Enough to power **1.48 million households for a year**.



Achievements in the Promotion of Solar Photovoltaic Energy in Tainan City

6. Warmth Sustainability

(1) Public Food-saving and Food-sharing Compassionate Warehousing and Food Banks

To ensure that every resource of goodwill is effectively utilized and that disadvantaged households receive proper care, the city has established a Physical Goods Charity Bank to provide emergency living supplies to those in need. As of the end of 2024, five physical storefronts, 16 partner branches, and 18 distribution stations have been established, forming a comprehensive three-tier service network. Social welfare organizations provide immediate supplies and professional social worker support to address the basic needs of vulnerable populations, achieving 100% service coverage.

Simultaneously, the city promotes the "Love Food Saving Platform," which collaborates with 37 locations, including 13 public and private markets, 22 PX Mart stores, and 2 RT-Mart stores. This platform matches surplus or near-expiry fresh food from the day with nearby meal service points and social welfare organizations, embodying the spirit of food conservation.

Thanks to donations of refrigerators, coverage of electricity costs by private entities, and promotional support from market management committees, this public-private partnership fosters a win-win situation, strengthening community mutual support and warm connections.



Material Love Bank (Second District Branch)

(2) Long-term Care 2.0

In response to the challenges of an aging population, Tainan City actively promotes local long-term care services. Through the establishment of working groups, consensus meetings, and the preparation of facilities and personnel, the city integrates private resources with medical and social welfare systems to build a comprehensive care network. This enables disabled individuals to access convenient services nearby and alleviates the caregiving burden on families.

Since 2021, the coverage rate of long-term care has steadily increased, reaching 95.8% in 2024, ranking first among the six special municipalities for four consecutive years. The number of long-term care users has grown 2.5 times compared to 2019, surpassing 45,000 people. In 2024, the city had 59 community-integrated service centers, 1,111 contracted long-term care service units, and 240 neighborhood long-term care stations, promoting diverse and accessible services.

Moving forward, the city will continue to expand care capacity in underserved areas, providing individualized and appropriate care services to realize the goal of aging in place with security, comfort, and well-being.



Yongkang Day Care Center – Ball Movement at the Palm

(3) Public Community Childcare Center

The city provides affordable and high-quality public childcare services at 15 locations for infants and toddlers aged 0 to 2, enabling parents to work with peace of mind and confidently entrust their children. This initiative aims to encourage childbirth and mitigate the impact of declining birth rates, with the goal of achieving sustainable social development through welfare services. Additionally, the city plans to continue establishing at least 28 new facilities between 2025 and 2030, utilizing spaces in public buildings and social housing sites.

The city has established and is currently operating 2 publicly constructed, privately managed infant care centers and 13 community public childcare homes, totaling 15 public childcare institutions. Efforts will continue to increase public childcare capacity, enhancing opportunities for residents to access high-quality and affordable childcare services, advancing toward the city’s vision of warmth and sustainability.



Public Community Childcare Center

(4) Parent-Child Leisure Center

In response to the declining birthrate, the city integrates existing public spaces to establish Parent-Child Activity Centers, aiming to strengthen community care and family support capacity. These centers primarily serve preschool children and their parents, considering the convenience for families and evaluating the distribution of childcare resources within the area to avoid duplication.

Currently, the city has 12 Parent-Child Activity Centers. In 2024, these centers served a total of 354,068 beneficiaries, providing childcare consultation and parenting education programs to alleviate family caregiving burdens and enhance community childcare capacity. For resource-limited areas, outreach service vehicles deliver services directly into communities to create a high-quality growth environment for children. The city also offers full-day, nighttime, and holiday temporary in-home or at-center childcare services.

Additionally, existing public facilities such as spacious Parent-Child Activity Centers, Children’s Welfare Service Centers, and public childcare homes are utilized to provide fixed-point temporary care services, improving facility usage efficiency.



Tainan City South District Parent-Child Leisure Center

(5) Housing Justice and Social Housing (Tainan Social Housing)

To reduce the housing burden on residents and protect their housing rights, the city government actively promotes Tainan social housing on a rental-only basis. To accelerate the development of social housing, Tainan city employs multiple approaches simultaneously, including public urban renewal contributions, government construction, and incentives for private donations. The city also collaborates with the Ministry of the Interior’s National Land Management Agency and the National Housing and Urban Regeneration Center to acquire social housing through diverse channels, expediting the realization of the social housing blueprint.

Currently, there are 11,170 social housing units planned or under construction across the city, exceeding the Executive Yuan’s approved target of 7,000 units under the “Social Housing Development Plan (Second Revision).”

(6) Building an Animal-Friendly City

Through organizing diverse animal protection promotion activities, pet owners are urged to fulfill three major responsibilities: properly registering their pets, vaccinating them against rabies, and spaying or neutering. Additionally, the city launched the "Dou Ge and Kai Di in Campus Program" for elementary and junior high schools, where professional instructors convey correct concepts and attitudes toward animal care to students. In 2024, the city held a total of 484 events related to animal protection promotion, school outreach, and animal welfare to raise awareness of animal protection and owner responsibilities.

The city currently has two pet-friendly parks: Anping Pet Park and Nanying Green Heart Pet-Friendly Park. In 2024, three additional pet-friendly parks were established in Zhugaozuo of the East District, Xiwang Village of Yongkang District, and Minghe Village of the South District. These parks provide designated off-leash areas for pets and their owners, allowing separation of human and canine activities to prevent interference between different groups. This ensures that everyone can use the park facilities and spaces safely and comfortably. The city will continue to evaluate suitable locations within its jurisdiction to expand outdoor recreational and exercise spaces shared by residents and their pets.



The Mayor Interacting with Dogs at an Animal Protection Event

7. Cultural and Educational Sustainability

(1) Developing a K-12 Reading Comprehension Platform

Through the establishment of the K-12 online reading comprehension platforms, “Book Little Planet” and “Book Planet,” the city actively promotes joint reading among parents, teachers, and students. This initiative aims to cultivate good reading habits from kindergarten through high school, rooting reading literacy from an early age and fostering students’ lifelong learning abilities. “Educational Equity” is a key focus of the city’s education policy. To diversify the book selection content and cultivate skills needed for the future, the city has established a book selection committee. In addition to selecting age-appropriate books, the committee ensures that the selections encompass diverse fields and themes, equipping students to navigate an ever-changing future. Furthermore, to foster multicultural understanding, the program promotes respect for cultural diversity.



Press Conference for the K-12 Reading Comprehension Platform “Book Planet”

(2) Tainan International Music Festival

The 2024 Tainan International Music Festival, themed “Voices of the Era,” presents two main programs: “Timeless Symphony” and “Infinite Melody.” Featuring 11 productions across 12 concert performances, the festival invites internationally renowned artists alongside outstanding local musicians to engage in diverse and innovative collaborations. Showcasing the richness and limitless potential of music, the event is expected to attract over 12,000 attendees.



2024 Tainan International Music Festival

Chapter 04

Sustainable Development Promotion Process and Goals





To address environmental challenges such as climate change and to prevent the risk of flooding in Anping—the birthplace of modern Taiwan—due to rising sea levels, Tainan City has comprehensively planned its urban carbon reduction policies, demonstrating its commitment to combating the global climate crisis. The following outlines Tainan City’s significant milestones in sustainable development and the related achievements that have been recognized.



Leading by Example with the Low-Carbon Autonomy Ordinance

In 2021, Tainan City was designated as a Low-Carbon Demonstration City for the Southern District and on December 22 of the same year, it enacted the "Tainan City Low-Carbon City Autonomous Ordinance," becoming the first city to codify low-carbon city governance into law. The mayor serves as the convener of the "Low-Carbon Adaptation and Sustainable Development Committee," which coordinates cross-departmental responsibilities through an integrated and dedicated organization to implement the goals and management of a low-carbon city.

Joined the Global Covenant of Mayors for Climate & Energy and Achieved the Highest Level Badge

In 2015, Tainan City joined the Global Covenant of Mayors for Climate & Energy, the world's largest climate change organization for cities. In July of that year, the city committed to completing all required audits, and by October, it had earned the highest level of recognition with four badges awarded by the Covenant, officially becoming a member. This achievement demonstrates Tainan's determination to develop as a low-carbon city.

Awarded the International City ISO 37120 Platinum Certification

Since joining the World Council on City Data (WCCD) in 2017, Tainan City has participated in the ISO 37120 certification process. Through the dedicated collaboration of various city departments, Tainan successfully completed 100 indicator items for two consecutive years, demonstrating comprehensive performance in social, economic, and environmental development. In both 2018 and 2019, Tainan was awarded the highest-level Platinum certification by the WCCD.

Awarded A-Grade City Status by the International CDP Organization

Tainan City participates in the Carbon Disclosure Project (CDP) to publicly disclose the city's carbon emissions inventory and establish actionable carbon reduction and renewable energy targets. The city also publishes a Climate Action Plan. In 2019 and 2020, Tainan was consecutively recognized by CDP as an A-level city, the highest leadership rating, demonstrating international recognition of its achievements in promoting a low-carbon city and sustainable development.

Signing the Climate Emergency Declaration

Commitment to 2030 carbon reduction, electric buses, and new green energy targets:

Facing the impacts of extreme climate change, on May 11, 2019, Tainan City Mayor Huang Wei-Che led the city government team to sign the "Tainan City Climate Emergency Declaration" at Anping Fort, witnessed by Greenpeace. The declaration sets forth a sustainable development vision for 2030, including achieving 4.5 GW of renewable energy capacity, carbon neutrality in residential and commercial electricity use, full electrification of city buses, and progressively moving toward net-zero carbon emissions by 2050.



Urban Development Awarded the 2022-2024 Architecture Yuan-Ye Awards and the National Excellence in Construction Awards

Tainan City adopts the concept of a sponge city, implementing permeable pavement designs to create a people-centered and friendly environment. By integrating flood control, water purification, and waterfront concepts, the city combines landscape and flood detention functions. From 2022 to 2024, Tainan received a total of 33 awards from the Architecture and Landscape Awards, and 90 awards from the National Excellent Construction Awards during the same period. These honors demonstrate the city's continuous improvement in engineering design, construction quality, and environmental friendliness.



Sunshine Electric City 3.0, Sustainable Development Towards Net Zero, Awarded the 2022 National Sustainable Development Award

The Executive Yuan's National Sustainable Development Committee organizes the National Sustainable Development Award to recognize outstanding units in promoting sustainable development. Among fierce competition from 134 organizations nationwide, the Tainan City Government's Economic Development Bureau won the 2022 National Sustainable Development Award with its "Sunshine Electric City 3.0, Sustainable Development for Net Zero" initiative. It was the only government agency awarded for promoting green energy. This achievement concretely integrates energy transition into governance, building a nuclear-free and livable city, and realizes Mayor Huang Wei-Che's vision of a "Sustainable Tainan, Livable Capital."



Awarded the 2022 Asia-Pacific and Taiwan Sustainable Action Awards – Asia-Pacific Livable Sustainable City Award (Outstanding City)

The key to urban development lies in aligning with the United Nations Sustainable Development Goal 11 (SDG 11) for sustainable cities and communities. This involves assessing the current sustainability status, resources, conditions, and needs to formulate a concrete vision, while linking urban governance strategies to international frameworks.

Highlights of the city's policies include implementing housing justice through tools such as vacancy taxes, lease management programs, and Tainan social housing. In transportation, the city has advanced bus rapid transit and "Yellow Taxi Bus" services. By 2021, there were 124 bus routes with a total ridership of 12.67 million, and 12 Little Yellow Bus routes with approximately 56,000 cumulative passengers.

These efforts focus on improving public welfare, creating a healthy environment, caring for the elderly, vulnerable groups, women, children, and new residents, thereby enhancing citizens' quality of life and fostering urban prosperity.



Awarded the 2022 Asia-Pacific and Taiwan Sustainable Action Awards – Asia-Pacific Sustainable Action Award Gold Prize

To make efficient use of water resources, Tainan City has integrated the concept of a circular economy into water consumption and production. In 2023, the city established three reclaimed water plants that collect industrial wastewater discharged from the Southern Taiwan Science Park and other high-tech factories. After treatment, the reclaimed water is supplied back to these industrial zones for reuse. This pioneering "water-for-water" exchange model, similar to international carbon trading, serves as the best demonstration in Taiwan for promoting water resource recycling and energy recovery. It is expected to drive the development of reclaimed water technologies and related industries.



Awarded the 2022 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Silver Prize

Tainan City has been actively advancing its energy transition. Over the years, it has vigorously promoted the "Sunshine Power City" green energy initiative, facilitating the installation of solar panels on factory roofs, communities, landfills, and farmhouses. By the end of June 2022, the installed solar capacity exceeded 3.5 GW, ranking first nationwide. The city is now pushing forward with "Sunshine Power City 3.0," which includes establishing smart grids, energy storage, energy creation, and promoting energy conservation. The goal is to reach 10 GW of renewable energy capacity by 2050.



Awarded the 2023 TCSA Taiwan Corporate Sustainability Award – Sustainability Report Category Platinum Award

Sustainable development and net-zero transformation are core values of Tainan City's governance. Urban planning and design reviews incorporate elements such as rainwater detention, green coverage ratio, and circular economy to build a resilient, low-carbon, and sustainable city. Benefiting from ample sunlight, Tainan actively promotes the Sunshine Power City initiative. The original goal was to reach a cumulative 3 GW of solar power capacity by 2024, but this was achieved early in June 2022. Currently, the installed solar capacity has reached 3.9 GW, enough to power nearly 1.459 million households annually, making it the national leader in green energy promotion.

On the social equity front, through public-private cooperation, the city has implemented the Public Charity Storage Plan, establishing 19 food-saving platforms as a highlight toward SDG 2 (Zero Hunger). For SDG 5 (Gender Equality), Tainan pioneered the nationwide "Moon Landing Project," providing free menstrual products in school restrooms to women from disadvantaged families and female students in remote areas. This initiative raises awareness of gender equality among students and helps eliminate stereotypes related to menstruation.



Awarded the 2023 Asia-Pacific and Taiwan Sustainable Action Awards – Asia-Pacific Livable Sustainable City Award (Excellence City)

The key to urban development in Tainan lies in advancing sustainability across industry, culture, transportation, and the environment, closely aligning with the United Nations' 17 Sustainable Development Goals (SDGs) to implement concrete sustainable actions. Specific achievements include promoting the "Sunshine Electric City" project, which has secured the nation's highest solar power registration capacity of 3.9 GW; supplying 50,000 tons of reclaimed water daily; initiating 57 urban renewal projects targeting dilapidated buildings; planning 8,138 units of social housing; expanding 31 "Yellow Taxi Bus" routes; and constructing a comprehensive elevated road network consisting of four east-west and three north-south corridors. These efforts collectively foster sustainable urban growth and improve residents' quality of life.



Awarded the 2023 Asia-Pacific and Taiwan Sustainable Action Awards – Asia-Pacific Sustainable Action Award Gold Prize

Tainan City leverages technology to address urgent issues closely related to residents' lives, demonstrating its achievements in building a smart city. The Environmental Protection Bureau launched the "Smart Air Quality Monitoring and Management" program, using an Internet of Things (IoT) network of micro air quality sensors to enable staff to trace pollution sources and effectively control pollution. As a result, the proportion of blue sky days reached 90% for the first time in 2022.

The Fire Department introduced the "e-Guard Tainan Health Protection" initiative by establishing an Emergency Medical Dashboard, which improved the out-of-hospital cardiac arrest (OHCA) rescue rate to 31.99% in 2022.

The Transportation Bureau's "Digital Innovation for Better Parking in Tainan" project installed big data systems, increasing the smart management of roadside parking spaces to 78% and boosting roadside parking usage by 47%.



Awarded the 2023 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Silver Prize

Tainan City's achievements in low-carbon construction include the Education Bureau's "Low-Carbon Campus, Sustainable Tainan" initiative, which implements water and electricity conservation policies, environmental education, and the installation of solar panels on campuses. Currently, 231 schools participate in the program, with 25 schools having earned certification through five different low-carbon labels, becoming low-carbon demonstration campuses.

The Water Resources Bureau launched the "Greenway Learning, Civic Sustainability Practice" program, centered on protecting the landscape and local culture of the Chianan Canal. This project constructs bicycle paths and tree-lined green belts that serve both recreational and commuting functions. It not only continues the spirit of nature-based development but also promotes the growth of urban and rural tourism industries.



Awarded the 2023 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Bronze Prize

Tainan City's Land Administration Bureau received an award for the project "Lohas Tainan, Sustainable Changsheng," which highlights the city government's emphasis on minimizing environmental impact during land development. The project also collaborates with local NGOs and community colleges to jointly maintain green corridors, preserving 100% of the original mature trees.

The Public Works Bureau's "Road Excavation Information Integration" initiative establishes a road excavation management system that consolidates regional excavation cases, enabling efficient management and achieving tangible carbon reduction benefits.

The Economic Development Bureau was recognized for "Enhancing the Sustainability of Tourism Factories," which integrates industry, government, academia, and research to improve factory management quality and marketing capacity. Currently, 23 tourism factories certified by the Ministry of Economic Affairs Industrial Development Bureau operate in Tainan—the highest number nationwide. In 2022, these factories attracted 1.7 million visitors and generated NT\$980 million in revenue.

Tainan Net Zero Sustainable Autonomy Ordinance Passed Third Reading, Fully Committed to Carbon Reduction and Achieving Net Zero

On June 26, 2024, the Tainan City Council passed the "Tainan City Net-Zero Sustainable City Management Autonomous Ordinance" in its third reading, which will take effect six months after its promulgation. The city government will accelerate preparations for subsidiary regulations under the ordinance to fully implement carbon reduction and advance toward net-zero sustainability.

In response to the 2050 net-zero emission target, since 2022, Tainan has actively drafted the ordinance, which comprises seven chapters and 49 articles. The legislative focus includes six core areas: substantial carbon emission reduction, accelerated promotion of green energy, optimization of energy-saving equipment, development of green transportation, climate change adaptation, and circular sustainable living. Through the breadth and strength of legal regulation, the city aims to actively implement climate governance and align with global efforts toward a zero-carbon future.

The "Tainan City Net-Zero Sustainable City Management Autonomous Ordinance" represents a significant milestone, demonstrating Tainan's determination to achieve net-zero emissions. The city looks forward to central government approval as soon as possible and encourages citizens to participate by using reusable tableware, reducing plastic use, and minimizing single-use items, becoming vital forces in driving the net-zero transformation.



Awarded the 2024 Asia-Pacific and Taiwan Sustainable Action Awards – Asia-Pacific Sustainable Action Award Gold Prize

The Environmental Protection Bureau, under the theme "Turning Livestock Manure into Gold, Returning Biogas Slurry and Residue to Sustainable Farming," showcases the green energy circular achievements of transforming livestock pollution into valuable resources. In the past, untreated livestock wastewater was directly discharged, causing water quality deterioration. Aligning with the United Nations SDG 13 on Climate Action, the city recognized that strict inspections and penalties only address symptoms, and the fundamental solution requires building partnerships between the government and livestock farms.

Tainan City has taken a root-cause approach by providing multi-faceted guidance and encouraging farm owners to actively participate in equipment upgrades to thoroughly solve pollution problems. Currently, 327 livestock farms have been approved for livestock wastewater resource recycling and reuse, reducing approximately 1.27 million tons of livestock wastewater discharged into rivers annually.

The biogas slurry and residue produced from anaerobic fermentation of livestock wastewater can be used to irrigate 390 hectares of farmland as fertilizer for crop growth. This annually reduces farmers' use of nearly 20,000 bags of chemical fertilizer, saving about NT\$7 million in fertilization costs. This approach not only improves environmental pollution but also saves farmers money, achieving a win-win outcome.



Awarded the 2024 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Gold Prize

The Labor Bureau launched the "Gathering Love to Build Homes, Sustainable Resources" program, a public-private partnership involving 10 organizations including repair-related unions, associations, and enterprises. They formed the "Good Deeds Volunteer Team," which provides free home repairs and a mechanism for donating second-hand furniture to disadvantaged residents. A second-hand furniture warehouse was established to store donated items from various sectors. Volunteers refurbish these items and distribute them to those in need, promoting resource reuse and achieving environmental sustainability.

This initiative aligns with multiple United Nations Sustainable Development Goals, including ending poverty, fostering diverse partnerships to reduce inequalities, responsible consumption and production, and sustainable cities and communities. It also embodies Mayor Huang Wei-Che's governance vision of creating a "Hopeful Homeland."

To address the global trend of population aging, the Social Affairs Bureau launched the "Friendly Long-Term Care, Sustainable Tainan" initiative, demonstrating Tainan's proactive response to the aging population. The bureau supports families of disabled individuals facing long-term care challenges through strategies of local engagement and service enhancement. This includes establishing working groups, conducting consensus meetings across districts, assessing available spaces, and preparing manpower. In collaboration with private organizations, long-term care services are integrated with medical and other social welfare services. The city actively develops various types of long-term care institutions and service points, while assessing the aging conditions in each district to allocate care resources accordingly. This enables disabled individuals and their families to conveniently access nearby services, improving quality of life and reducing caregiving burdens.



Awarded the 2024 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Silver Prize

With limited government financial and human resources, the Tainan City Government, under the theme "Public Asset Utilization for All-Age Sharing," adopts a dual strategy of "increasing revenue" and "reducing expenditure." By introducing private capital, creativity, and operational efficiency, the government alleviates fiscal burdens. In 2023, the city attracted over NT\$13.2 billion in private investment for public infrastructure and services, earning a reward of more than NT\$71.72 million from the Ministry of Finance—the highest in the nation.

At the same time, the city maximizes the use of every public asset by transforming underutilized public facilities that no longer meet contemporary needs into shared spaces for citizens' daily use, replacing new construction. This approach saved more than NT\$466 million in land acquisition costs, creating a "win-win-win" situation benefiting the government, enterprises, and the public.

The Tainan City Land Administration Bureau, under the theme "Tainan Development FG Sustainable Livable Area," has developed the F and G zones of the Tainan Science Park designated area through land readjustment. This development aims to serve the employment population of Tainan Science Park by providing comprehensive public facilities after development, promoting overall land utilization, and driving multiple benefits for the surrounding area.

Upon completion, the entire development will offer approximately 31.85 hectares of public facility land, including parks, combined parks and detention ponds, children's playgrounds, green spaces, drainage channels, and roads. Residential land accounts for over 54.83 hectares, while commercial land covers about 9.19 hectares. The well-planned road system effectively alleviates commuting traffic flow and transportation demands.

To address extreme weather and heavy rainfall, the project includes detention ponds and pumping station infrastructure, creating a livable community resilient to flooding. Through comprehensive public facility planning and road construction, the development is expected to further stimulate urban growth in Tainan Science Park and nearby areas such as Shanhua.



Awarded the 2024 Asia-Pacific and Taiwan Sustainable Action Awards – Taiwan Sustainable Action Award Bronze Prize

The Health Bureau, under the theme "Digital Value-Added, Health Inclusion," began planning the "Tainan City Government Health Collaborative Cloud Platform" in 2021 to integrate health services and reduce the digital divide. During the COVID-19 outbreak, this platform linked with the LINE@ service (known as Tainan Collaborative Cloud LINE@), quickly accumulating 520,000 users—nearly 30% of Tainan's population. It pioneered the nation's first "Epidemic Prevention Intelligent Customer Service Robot" and "LINE@ Download Isolation Notice Service," with over 96 million and 710,000 uses respectively. The platform achieved a service satisfaction rate of 92% (n=25,095).

After the pandemic in 2023, the platform rapidly transformed by integrating the city's cancer screening appointment system. It became the nation's first to offer LINE@ inquiry of screening eligibility and appointment booking services, establishing a precise health check invitation model. Compared to mailed notifications, this approach reduces energy consumption and carbon emissions while enabling real-time messaging. The cost per successful invitation leading to screening dropped from NT\$166 to NT\$5.

With diverse services delivered through the widely used LINE@ platform—boasting a 90% usage rate—users need not adapt to multiple platforms, achieving the goal of social inclusion.

The Tainan City Agriculture Bureau promotes gender equality through the "Nannong Female Power for Sustainable Agriculture" policy, aiming to increase women's participation and status in agriculture. Measures include raising the proportion of female elected representatives in farmers' associations and involving them in decision-making, organizing gender equality courses and activities, and supporting young female farmers returning to their hometowns to engage in agriculture, thereby strengthening women's roles and influence in the sector.

In 2023, female supervisors in Tainan's farmers' associations reached 64.73%, and female general secretaries accounted for 37.50%. The number of female young farmers in the Young Farmers Association grew from 38 in 2015 to 521 in 2023. In marketing and education, over 100 market events and 118 gender education courses were held in 2023. In 2022 and 2023, image videos promoting female young farmers in Tainan were produced to encourage more young women to participate in agriculture.

Additionally, in the Taikang Organic Zone of Liouying District, a female-led vegetable production and marketing group has earned national honors for excellent agricultural production and marketing through organic farming and innovative management. This highlights women's contributions and influence in agriculture and further drives sustainable agricultural development.



Awarded the 2024 TCSA Taiwan Corporate Sustainability Award – Sustainability Report Category Platinum Award

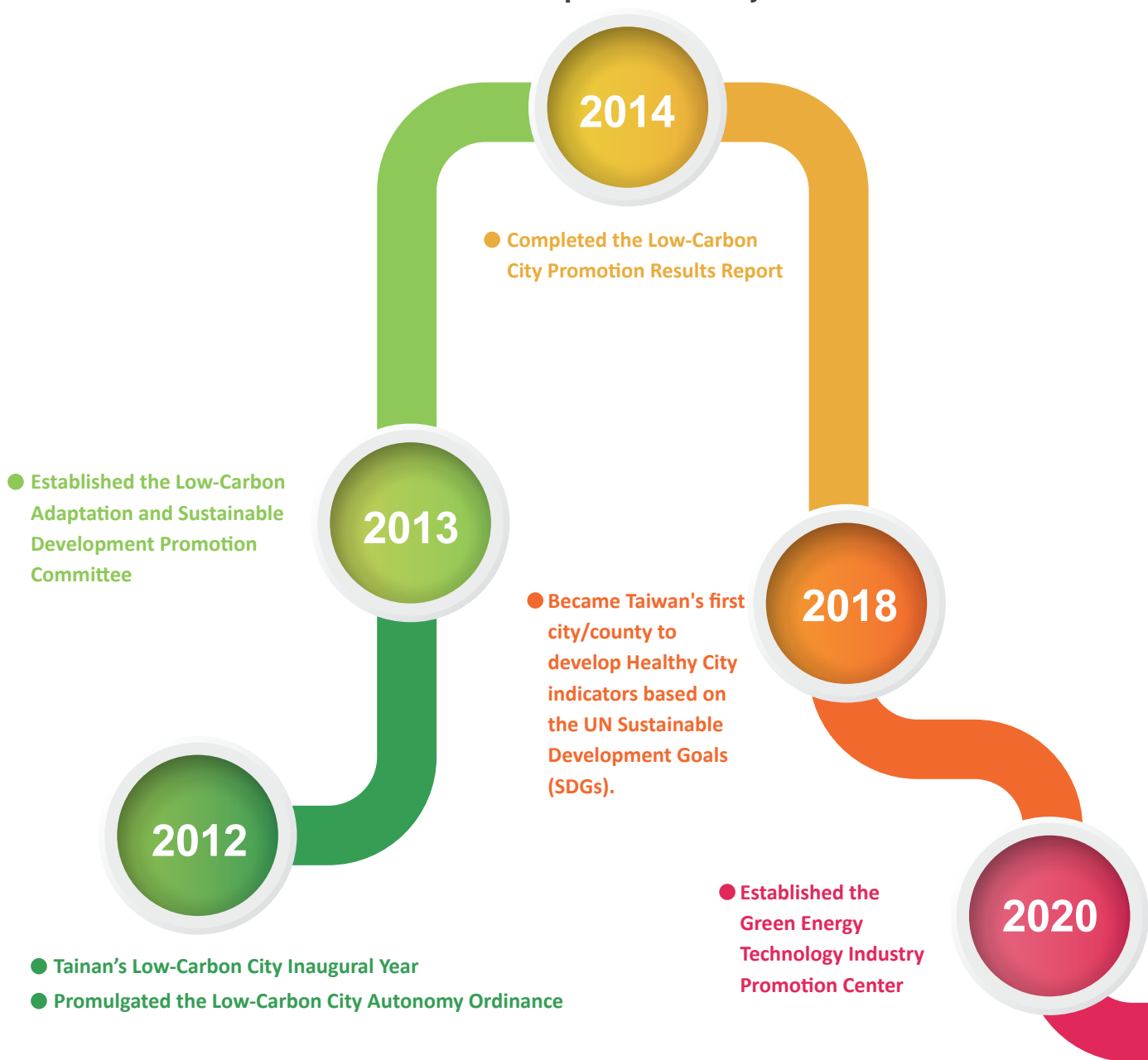
Tainan City actively promotes renewable energy in response to net-zero carbon emissions, focusing on four main pillars: energy conservation, energy storage, energy creation, and system integration. As of the end of September 2024, the city's registered renewable energy capacity reached 4,659 MW. The city is also advancing the replacement of coal- and oil-fired boilers, aiming to achieve complete boiler coal phase-out by 2025, further deepening energy transition.

Additionally, Tainan promotes the "Clear Sky PLUS" project, with the proportion of blue-sky days (AQI < 101) exceeding 90% for two consecutive years. In 2023, the rate reached a historic high of 90.8%, reflecting significant air quality improvements.

To efficiently utilize water resources and align with the United Nations Sustainable Development Goal 6 (Clean Water and Sanitation), Tainan implements effective sewage treatment and promotes the construction of reclaimed water plants to provide stable industrial water supply. The city has also introduced Taiwan's first "water-for-water" reclaimed water exchange model, integrating circular economy concepts into water consumption and production.

Tainan actively advances sustainable campuses (SDG 4), creating diverse green campus environments, with a cumulative total of 24 schools expected by 2025. The city also continues to promote the public-private partnership "Charity Storage Plan" (SDG 2), establishing 38 locations to facilitate proper care for disadvantaged families.

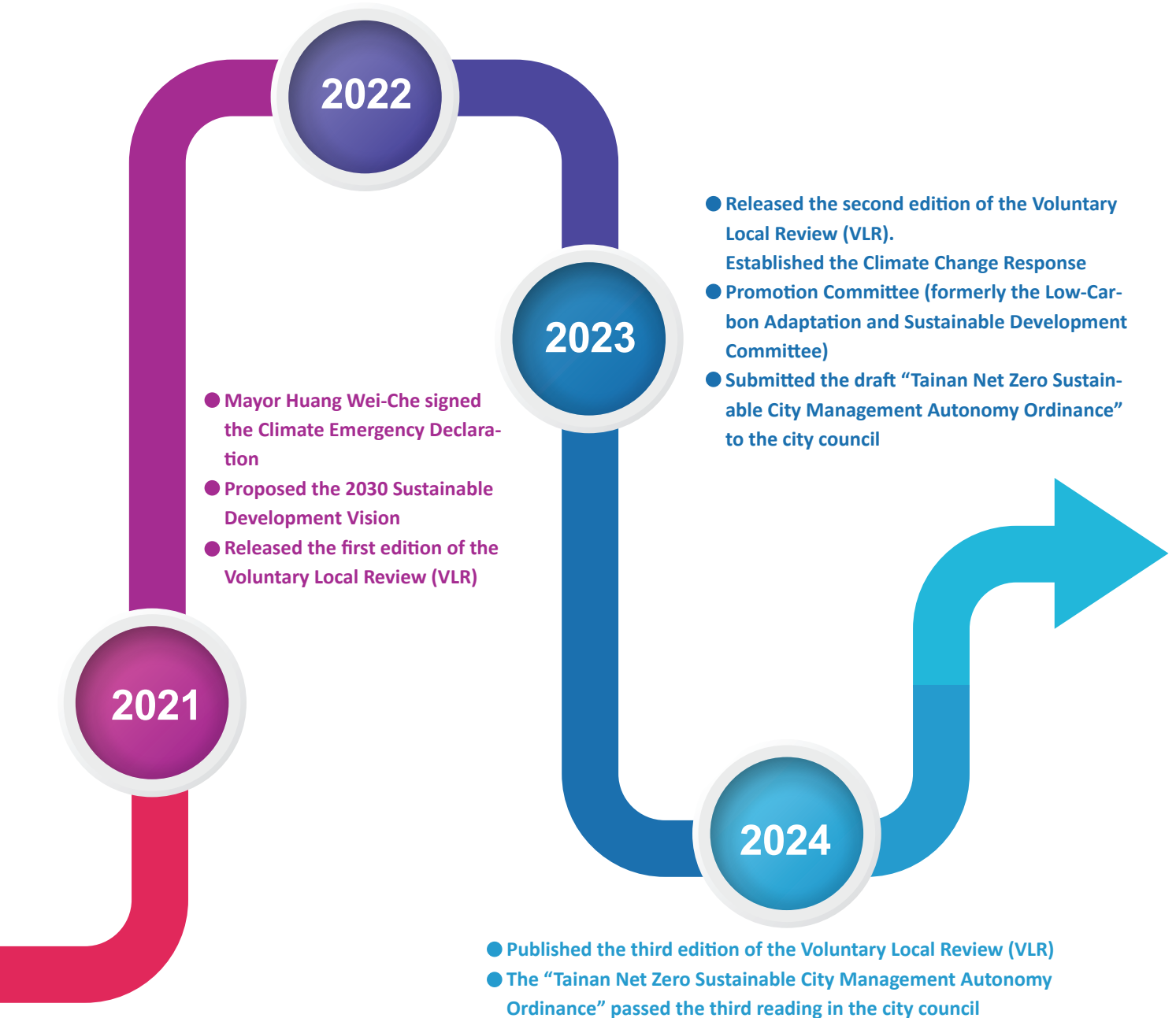
Tainan’s Sustainable Development Journey and Goals



Tainan Sustainable Development Voluntary Local Review (VLR) Report

Tainan City’s SDG policy framework is based on the “3 Upgrades”: economic upgrading, transportation upgrading, and health upgrading; and the “3 Sustainabilities”: environmental sustainability, warmth sustainability, and cultural-educational sustainability. In 2024, the city published the fourth edition of Tainan’s Voluntary Local Review (VLR). The English version of the report has been made publicly available on the IGES LAB international platform (<https://www.iges.or.jp/en/vlr/tainan>), demonstrating the city’s progress in advancing its sustainable development goals.

- Published the “2050 Tainan Net Zero Pathway”
- Drafted the “Tainan Net Zero Sustainable City Management Autonomy Ordinance”



This year, integrating the governance plan, greenhouse gas reduction, climate change adaptation, healthy city indicators, and climate emergency declaration policies, Tainan City has comprehensively disclosed progress on the 17 Sustainable Development Goals (SDGs) and 163 associated targets up to 2024, following the United Nations SDG framework. The city has published the fourth edition of the Tainan Voluntary Local Review (VLR) report, regularly conducting self-assessments to advance the achievement of the 2030 Sustainable Development Goals.

Chapter 05

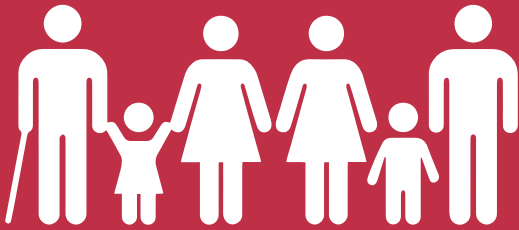
Sustainable Development Promotion Goals and Achievements

- SDG 01 No Poverty
- SDG 02 Zero Hunger
- SDG 03 Good Health and Well-being
- SDG 04 Quality Education
- SDG 05 Gender Equality
- SDG 06 Clean Water and Sanitation
- SDG 07 Affordable and Clean Energy
- SDG 08 Decent Work and Economic Growth
- SDG 09 Industry, Innovation and Infrastructure
- SDG 10 Reduced Inequalities
- SDG 11 Sustainable Cities and Communities
- SDG 12 Responsible Consumption and Production
- SDG 13 Climate Action
- SDG 14 Life Below Water
- SDG 15 Life on Land
- SDG 16 Peace, Justice and Strong Institutions
- SDG 17 Partnerships for the Goals





SDG 01 No Poverty



End Poverty in All Its Forms Everywhere

Reviewing Taiwan’s economic history—highlighting events such as the 2000 internet bubble burst, the 2003 SARS outbreak, the 2008 global financial crisis, and the recent COVID-19 pandemic—reveals that such crises have repeatedly disrupted Taiwan’s economic structure. During these events, vulnerable groups have been disproportionately affected by environmental and economic shocks, contributing to a widening wealth gap in Taiwan.

Tainan City continues to promote diverse social assistance services to help vulnerable groups maintain their basic living needs. These efforts aim to reduce the wealth gap, enhance the resilience of disadvantaged populations, and improve their capacity for post-disaster recovery. By doing so, the city seeks to minimize the impacts and damages caused by extreme climate events, economic challenges, social issues, and environmental hazards.

1.1 Establish community-based day activity centers for persons with disabilities

Tainan City actively establishes community day activity centers for persons with disabilities, providing more diverse community living options for those who are not capable of entering sheltered workshops and are unsuitable for placement in adult day care institutions. These centers help delay the decline of physical functions, assist individuals in learning life skills, improve self-care abilities, and promote community integration.

Currently, the city has established 38 such centers, ranking second nationwide. Future development will prioritize areas identified by the central government as lacking resources. Through public-private cooperation and resource investment, the city will continue to provide diversified services and implement various social welfare measures, encouraging more families of persons with disabilities to utilize day activity center services.



Tainan City Supported Work Activities for Persons with Intellectual Disabilities

1.2 Tainan City Public Welfare Platform

To conserve resources, avoid duplication of social goodwill, and promote the integration and effective use of social resources, Tainan City established the "Tainan Public Welfare Platform" in 2019 using surplus funds from the Public Welfare Lottery. Through transparent information disclosure and a matching mechanism, the platform prevents resource overlap and concentration, ensuring that charitable organizations can donate with confidence and that those in need receive substantive support.

To further expand services supporting vulnerable groups, the platform was upgraded in November 2020. In addition to the original donation registration function, six new features were added, including public donations, in-kind donations, support for disadvantaged groups, independent living homes, social welfare programs, and goodwill reporting. These enhancements enable members to provide more comprehensive assistance for vulnerable cases and social welfare projects, increasing donation channels and maximizing the impact of private social welfare resources.

To date, the platform has accumulated 839 members. Registered in-kind donations exceed 4,000 entries, with total donations surpassing NT\$288.8 million. Beneficiaries assisted by charitable contributions have exceeded 1.68 million people and continue to grow.

1.3 Strengthen Student Dropout Prevention Programs and Re-enrollment Placement Measures

Tainan City has implemented the "Individualized Support Plan (ISP) for Counseling and Intervention of Dropout, Long-term Absence, Deviant Behavior, or High-Needs Students." Based on a case management approach, schools integrate resources from various departments and related units to develop individualized re-enrollment plans for dropout students. The plan also provides early counseling interventions for students at risk of dropping out, aiming to reduce dropout rates and increase re-enrollment rates. This initiative reflects the city's commitment to not abandoning any child and is the first in the nation to establish a comprehensive support service network for students who have dropped out or are at risk of dropping out.

Currently, the city has approved subsidies for 60 schools offering high-needs and flexible curriculum programs, with total funding amounting to NT\$5,537,183.



Tainan City "Dropout and At-Risk Student Support Service Network"



Organize a Thank-You Tea Party for Charitable Donation Groups

1.4 Vocational Rehabilitation Window Services for Persons with Disabilities

Tainan City Government provides employment transition notification and services for persons with disabilities, integrating various service resources. Vocational rehabilitation case managers deliver individualized services based on each case’s needs, abilities, and interests, effectively linking and utilizing local vocational rehabilitation resources for persons with disabilities. This ensures continuous and seamless professional services throughout the vocational rehabilitation process, assisting persons with disabilities in achieving employment.



Organize Employment Expos for Persons with Disabilities to Assist Their Employment

1.5 Bright and Beautiful Life

Tainan City Government promotes the marketing and promotion of handicrafts made by persons with disabilities and sheltered workshop products through online marketing and physical exhibitions. This initiative enhances the exposure of partners’ works and increases their economic income. Additionally, vocational training courses and in-depth guidance are provided to improve skills. In 2024, the program facilitated 262 booth events, generating an additional income of NT\$7.86 million.



Sunny Workshop Warm-Hearted Christmas Market

1.6 Tainan Social Housing

To reduce the housing burden on citizens and protect their housing rights, Tainan City Government actively promotes rental-only social housing. To accelerate the development of social housing, the city employs multiple approaches simultaneously, including public urban renewal contributions, government construction, and incentives for private donations. The city also collaborates with the Ministry of the Interior’s National Land Management Agency and the National Housing and Urban Regeneration Center to acquire social housing through diverse channels, speeding up the realization of the social housing blueprint.

Tainan City currently has a total of 11,170 social housing units under development, exceeding the Executive Yuan’s approved target of 7,000 units under the "Social Housing Development Plan (Second Revision)." As of December 2024, 15 projects have commenced construction, totaling 7,179 units. Moving forward, the city government will continue to collaborate with the central government to identify and assess idle land for new site feasibility, thereby enhancing the capacity to supply social housing.



Mayor’s Inspection of the Yiju Chenggong Social Housing in Yongkang District

1.7 Housing Purchase and Renovation Subsidies for Economically Disadvantaged Indigenous Peoples

To improve the living environment and quality of life for economically disadvantaged indigenous residents, Tainan City Government actively promotes related programs in collaboration with district offices, allowing those with specific status to apply for subsidies. In 2024, a total subsidy amount of NT\$2.53 million was approved, benefiting 13 households—10 for new housing construction and 3 for housing repairs. Going forward, the city will annually request increased funding from the central government based on the number of applicants and beneficiaries to ensure the housing and care needs of indigenous residents are met.



Outreach on Housing Purchase and Renovation Subsidies for Economically Disadvantaged Indigenous Peoples

1.8 Care for Individual Recyclers

In 2024, the Environmental Protection Administration continued to subsidize local environmental bureaus to implement the "Recycling Care Program," prioritizing low-income households, lower-middle-income households, elderly recipients of living allowances, and persons with disabilities to increase their recycling income. Individual recyclers can bring designated recyclable items (as announced) to local collection teams and receive subsidies at rates higher than market prices. The program also provides home collection services for those with mobility difficulties or elderly individuals. In 2024, subsidies totaled NT\$17.76 million, benefiting 292 individuals.



Assistance for Door-to-Door Collection Services for Persons with Mobility Difficulties

SDG 02 Zero Hunger



End hunger, achieve food security and improved nutrition and promote sustainable agriculture

In recent years, the issue of potential food crises has gained increasing attention due to the impact of major international conflicts. Tainan City Government has implemented policies such as establishing public charity warehouses, creating a food-saving platform, and providing lunch subsidies for economically disadvantaged students to alleviate the problem of unequal food distribution. The city also promotes programs like the New Farmers Initiative to accelerate agricultural modernization, ensure stable agricultural productivity, and, through educational outreach, aims to reduce unnecessary food waste.

2.1 Promote High-Quality Fresh Agricultural Products and Processed Agricultural Products in Tainan

Tainan City Government promotes the "BEST PRODUCT of TAINAN" certification mark, focusing on locally produced products while incorporating safety, hygiene, and traceability principles. This initiative strengthens the promotion of Tainan's high-quality agricultural, fishery, and livestock products, ensuring consumer food safety and advocating for the purchase of local ingredients. As of 2024, 299 products have obtained the "BEST PRODUCT of TAINAN" certification mark. In 2024, the city showcased Tainan's premium agricultural products at the Taiwan International Orchid Show by establishing the Tainan Agricultural Boutique Pavilion and set up a special exhibition area for souvenirs at the Taiwan Lantern Festival. Additionally, two on-site sales events were held at the Southern Taiwan Science Park, along with two festival marketing activities and a press conference announcing the certified product list. Through these diverse channels, Tainan actively promotes its agricultural products and expands market opportunities, creating new business prospects for Tainan agriculture.



Press Conference for the Announcement of the "Best Product of Tainan" Evaluation Pass List

2.2 Young Farmer Counseling Program

In the early stages of agricultural development, Tainan was characterized by smallholder farming, with limited incentives for basic agricultural income. The migration of rural youth to northern regions has led to a continuous decline and aging of the farming population, with the average age of farmers now reaching 63. Therefore, encouraging young farmers to participate in agricultural production, processing, and marketing has become a key issue for the sustainable development of agriculture in Tainan.

Tainan City Government provides support to young farmers in four areas: land, capital, technology, and marketing. As of 2024, more than 2,359 young farmers are officially registered in the city. In the 7th Top 100 Young Farmers selection, Tainan had seven individuals and one group selected, engaged in the production of fruit trees, rice, grains, vegetables, aquaculture, livestock, and beekeeping.

Technical Aspect: Tainan City Government offers free "Farmers' School" courses to provide farmers with agricultural-related skills and knowledge. In 2024, the city supported grassroots farmers' associations in organizing between one to four courses each, inviting agricultural experts and scholars to teach practical subjects such as soil management and crop cultivation. Surveys were conducted to assess the technical knowl-

edge needs of new and in-service professional farmers. Based on these results, introductory and basic training courses were organized accordingly. Farmers' associations also disseminate course information through their websites, social media, and young farmers' association groups to ensure broad outreach.

Land Aspect: The Agricultural Land Bank serves as a platform to match "landowners" with "farmers" for land leasing. Farmers' associations regularly provide relevant information and assist in widely publicizing available farmland rental opportunities within their jurisdictions, helping young farmers secure suitable arable land.

Marketing Aspect: Tainan City has established five regular markets within its jurisdiction: Xinhua Small Farmers Market, Anding Small Farmers Market, Yonghua Municipal Center Market, Minzhi Municipal Center Market, and the Taiwan Sugar Evergreen Hotel Market. Additionally, large-scale market events are held periodically at popular locations, such as the Guanziling Small Farmers Market at the Lingding Information Station Plaza during the Hot Spring Festival. The city also collaborates with companies like Far Eastern Department Store to organize farmers' markets, promoting high-quality agricultural products from Tainan's young farmers.



Farmers' Market Activities

2.3 Agricultural Cultivated Land Area

Tainan City is located in the Chianan Plain and is the largest agricultural county/city in Taiwan. Agricultural land surveyors from each district office inspect areas where the current conditions do not match the boundaries of cultivated or non-cultivated land on the cadastral base maps. After field verification, they calculate the increase or decrease in area to determine the total cultivated land area on each cadastral map. As of 2024, the agricultural land area in Tainan totals 90,221 hectares.

2.4 Food and Agriculture Education

Tainan City is a major agricultural hub. To support local agriculture and strengthen the connection between food, environment, and agriculture, the city collaborates with local farmers and farmers’ associations to design courses that help students understand agricultural knowledge. These programs allow students to experience the process from farm to table, cultivating food literacy, balanced dietary concepts, and appreciation for food to reduce waste, while enhancing recognition of local agriculture.

In 2024, subsidies were approved for 64 self-sustaining farm schools, totaling NT\$683,170. The initiative promotes the concept of “from farm to table” and conveys the philosophy of “enjoy local, eat seasonal,” aiming to achieve energy conservation, carbon reduction, and environmental protection.



Operating Self-Sufficient Gardens on Campus Vacant Land

2.5 Food Waste Reduction

Tainan City conducts courses on diet, nutrition, and hygiene to strengthen awareness among faculty, staff, students, and parents about cherishing food and reducing kitchen waste. Students are educated on waste recycling, reuse, and resource circulation. By improving the quality of school lunch ingredients, the city encourages the procurement of organic or traceable vegetables (pre-cut vegetables) to reduce raw kitchen waste. Additionally, cooked kitchen waste is handed over to legally authorized recycling and reuse agencies.



Installation of a Large-Scale Food Waste Processor at Fuxing Elementary School in East District

2.6 Strengthening Hygiene of Food Ingredients in Catering

Tainan City's food and beverage industry is diverse and distinctive, frequently attracting numerous visitors from other counties and cities. Therefore, food safety and hygiene are of paramount importance. The city has invited relevant food and beverage operators to participate in the Food Hygiene Excellence Certification evaluation. In 2024, a total of 291 establishments in the city were awarded the Food Hygiene Excellence certification. Operators whose certifications expire after two years continue to participate in the evaluation process. The number of participants is gradually increasing, currently including major banquet operators, group meal providers, chain restaurants, healthcare-related institutions, and institution-affiliated food services. This trend reflects the growing emphasis residents place on food hygiene.



2024 Food and Beverage Hygiene Excellence Certification and Evaluation Award

2.7 Building a Public Charity Warehouse

As part of the social safety net, since 2019 the city government has established a Physical Goods Charity Bank to provide emergency living supplies to economically disadvantaged individuals. This service targets residents registered or actually living in the city who, due to unemployment or recent adverse events, are experiencing hardship. Eligible households receive physical goods assistance for a period of three to six months to prevent hunger and poverty caused by short-term financial difficulties. In 2024, the city's Physical Goods Charity Bank is divided into five major service areas, with five commissioned physical storefronts, 15 cooperative branches, and 18 physical distribution stations.



Physical Goods Charity Bank – Public Application for Supplies

2.8 Establish a Charity Food-Saving Platform

Adhering to the principles of “Cherishing Food and Loving Food,” the Tainan City Government has, since 2019, collaborated with the Market Administration Office to establish “Food Sharing Refrigerators” and “Food Sharing Platforms” within markets. Vendors are invited to place surplus ingredients—either from excess daily purchases or unsold items—into these refrigerators. Social welfare organizations or community center personnel, coordinated by the city government, then collect these ingredients to supplement meals provided at their sites. Regular training sessions and coordination meetings for the Food Sharing Platform are held to facilitate experience exchange and sharing among participating units, encouraging vendors to jointly embrace the principles of cherishing and loving food. As of 2024, a total of 37 Food Sharing Platforms have been established across markets, PX Mart stores, RT-Mart stores, and other locations. Moving forward, the city will continue to plan and set up additional appropriate venues for these platforms, aiming to generate greater food recovery outcomes.



Charity Food-Saving Platform

SDG 03 Good Health and Well-being



Ensure healthy lives and promote well-being for all at all ages

As Taiwan enters an aging society, the population aged 65 and above in Tainan City accounts for approximately 18% to 19% of the total population. To safeguard the physical and mental health development of citizens across all age groups and to establish a comprehensive and friendly medical care service system, the city promotes a culture of exercise and health awareness. Emphasizing the accessibility and equitable distribution of medical care, Tainan City actively develops diverse channels for health education and communication. To provide a healthy living environment, the city employs digital platforms for health promotion, integrates medical institution resources, utilizes mobile service vehicles, and coordinates cross-departmental system resources.

3.1 Reduce the Number of Confirmed Dengue Fever Cases

Vector Control

In 2024, Tainan City confirmed a total of 26 imported dengue fever cases, of which 19 entered the community. Environmental source elimination operations were conducted at their residences and activity locations, with 19 sessions carried out involving 411 personnel. A total of 2,866 households were inspected, resulting in the discovery of 1,581 water-holding containers, including 17 positive containers. Health education and promotion reached 1,976 individuals. Concurrently, chemical control measures were implemented at the residences and activity sites of confirmed dengue cases, with 19 sessions conducted mobilizing 819 personnel. Chemical control was completed at 1,211 households, and health education was provided to 16,432 people. A total of 3,252 ovitraps were installed across the East, South, North, Central West, Annan, Anping, Yongkang, Rende, Guiren, and Xinying districts to monitor vector mosquito density weekly. Based on monitoring results, source elimination mobilization and preventive chemical control measures were executed.



Dengue Fever Community Mobilization for Breeding Source Elimination

Encourage Reporting and Detection of Hidden Cases

To encourage medical institutions to conduct rapid screening and reporting, thereby proactively identifying positive cases and enhancing reporting capacity, the number of contracted NS1 rapid test facilities has increased to 406, and clinic reporting rates have risen to 76.05%. Additionally, to detect hidden cases in the community at an early stage, a designated physician monitoring program was established starting April 1, 2024. A total of 124 clinics have joined the monitoring network. As of December, 4,548 cases have been reported, with 4,543 testing negative and 5 testing positive.

Health Education Promotion and Training

In 2024, the city conducted 26,364 dengue fever prevention and health education sessions—including community events, press conferences, school programs, construction sites, volunteer activities, and outreach to foreign migrant workers—reaching a total of 600,739 participants. The city also issued information on local dengue outbreaks, prevention policies and measures, and public cooperation and precautions. Public education efforts emphasized the removal of standing water containers to prevent mosquito breeding and avoid penalties, with a total of 100 press releases issued. A total of 415 volunteer epidemic prevention teams were established to promote health education among community residents, mobilizing 230,273 individuals. Inspections for mosquito breeding sites were conducted in 24,237 neighborhoods, covering 1,265,984 households, with health education reaching 473,102 people.



Dengue Fever Prevention and Control

3.2 Increase Pneumococcal Vaccination for the Elderly

The city integrates influenza and COVID-19 vaccination efforts by verifying individuals' vaccination records during influenza vaccine administration. Seniors aged 65 and above who have never received the pneumococcal vaccine are encouraged to receive one dose of PCV13. Those who have previously received PCV13 (including self-paid doses) are advised to receive one dose of PPV23 after an interval of one year, and those who have received PPV23 are recommended to receive one dose of PCV13 after one year. Vaccination stations combining COVID-19 and influenza vaccines have been set up in communities and institutions to promote widespread vaccine uptake, enhancing accessibility and convenience. Outreach efforts include television displays, announcements by village chiefs, promotional leaflets, and phone reminders to encourage seniors to get vaccinated. Additionally, mayoral recorded messages are broadcast from garbage trucks urging eligible citizens to receive their vaccines promptly. Vaccine supplies are allocated across districts to ensure sufficient availability to meet public demand. These measures resulted in a pneumococcal vaccination rate of 58.32% among seniors in 2024.

3.3 Routine Vaccination for Young Children

The city conducts quarterly on-site guidance and inspections of medical institutions within its jurisdiction, supplemented by unscheduled inspections by the Health Bureau, to verify vaccine cold chain management and vaccination competency at local health centers and contracted medical facilities. These measures effectively control vaccine expiration dates, maintain the quality of publicly funded vaccination services, and ensure proper cold chain management. The city also actively facilitates the inclusion of medical institutions into the vaccine contract network to enhance vaccination accessibility for residents. In 2024, there were a total of 147 contracted vaccination medical institutions in the city.

To strengthen the vaccine-related knowledge of staff at local health centers and contracted medical institutions and to improve the quality of vaccination services, one in-service training session on immunization operations—including vaccine cold chain management—was conducted in 2024.

3.4 Creating a Healthy Living Environment Plan

Utilizing design thinking, tailored physical activity strategy plans are developed to address the local needs of different population groups, aiming to increase the proportion of citizens engaging in regular exercise. Health awareness regarding the consumption of whole grains and unrefined cereals is promoted through diverse channels in schools, communities, and workplaces to enhance balanced dietary behaviors. At the environmental level, the number of healthy dining establishments continues to grow, creating a supportive environment that fosters healthy lifestyles among residents.

In 2024, 24,293 seniors participated in physical activity promotion programs, while 11 schools implemented student activity plans with a total participation of 7,454 students. Through diverse channels such as schools, communities, and workplaces, 346 events promoting physical activity and balanced nutrition were conducted, engaging 52,393 participants. The regular exercise rate among citizens reached 39.1% (achieving 119% of the target), and awareness of balanced nutrition reached 92.5% (451% of the target). The proportion of Tainan residents classified as overweight or obese decreased from 43.2% in 2022 to 41% in 2024, ranking third among the six major cities. The regular exercise population increased from 32.7% in 2022 to 34.0% in 2023, with the proportion of individuals engaging in moderate-to-vigorous exercise—characterized by sweating and shortness of breath—increasing from 40% to 46.8%.



Promoting Physical Activity in Schools

3.5 Mobile Hospital and Universal Health Screening

Mobile hospital and comprehensive health screening services—including chronic disease screening, cancer screening, and dementia screening—are provided in Tainan City. Due to uneven distribution of medical resources, urban areas implement these services through collaboration with medical institutions and by utilizing the “Tainan Screening Platform” to encourage facilities to set up screening stations. Health authorities also proactively invite residents or coordinate with hospitals responsible for designated areas to conduct integrated urban community screenings. These approaches aim to increase the coverage of adult preventive health services in urban districts.

In non-urban areas, integrated community screening services are delivered through scheduled visits by the Health Bureau, while grassroots medical institutions are encouraged to actively provide services. This broad approach ensures convenient access to services for residents. Health promotion and education are integrated into these activities to strengthen community capacity for secondary disease prevention. Furthermore, grassroots community organizations are enabled to flexibly connect with local medical resources and health centers, thereby enhancing community organization and health mobilization to establish a community health care network.

In 2024, services were maintained for over 30,000 individuals, incorporating AI-based osteoporosis risk assessment to provide higher-quality service to citizens. This service is planned to continue in the future, aiming for early detection, early treatment, disease management, and the reduction of disability and mortality rates.



Acer Medical Director Xiao and Mayor Huang Wei-Che introduce the AI VeriOsteo screening software



The Head Nurse explains the mobile hospital procedures and health education promotion

3.6 Denture Installation for Seniors Aged 65 and Above

As age increases, dental diseases and tooth loss become inevitable issues. With the growing proportion of elderly residents, these dental health problems among seniors have become increasingly prominent. Since June 16, 2011,

Tainan City has launched the “Free Complete Denture Service for Seniors Aged 65 and Above,” collaborating with local dental medical institutions to provide services for the city’s elderly population.

In 2024, a total of 3,647 individuals were served. The city plans to consistently provide at least 3,000 cases annually, enabling seniors to maintain a healthy quality of life. By utilizing their “third set of teeth,” seniors can restore chewing function, improve nutrient absorption, reduce gastrointestinal burden, and alleviate economic pressure.



Using educational leaflets to teach seniors how to adapt to dentures

3.7 Establish a Smoke-Free Environment

To raise public awareness of the importance of smoke-free environments, in addition to annual promotion aligned with the World No Tobacco Day theme on May 31, each district health center conducts at least one smoke-free environment creation project beyond the legally mandated smoke-free locations specified in Articles 18 and 19 of the Tobacco Hazards Prevention Act. These efforts include guiding and supporting management units to collaboratively establish smoke-free environments, thereby enhancing public understanding of tobacco hazard prevention and protecting citizens from secondhand smoke and the harms of new tobacco products in public spaces.



531 World No Tobacco Day Theme Promotion

3.8 Mental Health Month

In response to World Suicide Prevention Day on September 10, and to raise public awareness of suicide prevention and promote the value of cherishing life, the city held the 2024 “Let Life Shine – Life Appreciation Concert” and the Mental Health Month kickoff press conference. The event featured moving songs inspired by heartfelt life stories, helping the public better understand the importance of valuing life and appreciating what they have. In 2024, a total of 60 events were held, with 3,075 participants and a satisfaction rate of 95%.



Let Life Shine – Life Appreciation Concert

3.9 Long-Term Care Services 2.0

Service Popularization

In response to the aging society and to provide citizens with greater peace of mind in their elderly years and caregiving journey, the city is actively developing an integrated long-term care service system. This system offers a diverse and continuous range of services, from family support, home care, and community care to residential care, aimed at improving the quality of life for both care recipients and caregivers. By 2024, the number of contracted long-term care service providers increased to 1,111, offering eight major service categories: home care, day care, small-scale multifunctional services, family respite care, nutritional meals, transportation, professional services, and respite care. These services cover all administrative districts across the city. In 2024, the number of long-term care service users exceeded 45,000. According to central government statistics, the long-term care service coverage rate rose from 60% in 2020 to 95.8% in 2024.

Service Localization

Based on the characteristics of different service target groups and regional features, localized service characteristics have been developed to resonate with service users. As of 2024, 403 Community Care and Concern Service Centers have been established, providing local, accessible care services such as senior visits, health promotion, telephone check-ins, and meal services. Additionally, 240 neighborhood long-term care stations have been developed, offering communal meals and courses aimed at preventing and delaying disability.

Service Diversification

To expand services addressing diverse needs, the city has enhanced dementia care, family caregiver support, discharge planning linked to long-term care, and home physician programs. As of 2024, the city has established six Dementia Shared Care Centers and 40 community dementia service points, providing multifaceted support for dementia care. Additionally, 10 family caregiver support service points have been set up to improve service capacity and quality of life for caregivers. Twenty-four hospitals offer discharge planning services to ensure hospitalized patients can access long-term care immediately upon returning home, thereby reducing waiting times. Furthermore, 47 home-based physician units serve disabled cases, staffed by 67 physicians and 166 nurses who provide health and chronic disease management. Twenty-six social welfare organizations deliver meal delivery services to disabled seniors.

Service Facilitation

Residents of this city can apply for long-term care services simply by calling the 1966 long-term care hotline, using the city government's one-stop website, or undergoing an assessment conducted by hospital staff during their inpatient stay in preparation for discharge. The service process is straightforward and efficient.



Day Care Centers Leading Health Promotion Activities for the Elderly

3.10 Silver Fitness Clubs

To reduce the risk of frailty among the elderly and maintain their independence and autonomy in daily life, "Silver Fitness Clubs" have been established in communities, schools at all levels, medical institutions, and other organizations, tailored to local needs and resources. These clubs primarily focus on strength training, which is the most effective method to prevent disability and reduce the incidence of sarcopenia. In addition to providing correct, regular, and safe exercise, they promote a healthy and balanced diet and encourage positive social interaction to enhance social participation and prevent severe social isolation. Currently, Tainan City has established 21 service sites, with 17 already in operation and the remaining 4 scheduled to open in 2025. As of November 2024, a total of 58,652 elderly individuals have been served, with satisfaction rates exceeding 90%.



Silver Fitness Clubs-yoga

3.11 Oral Health Promotion Program

To enhance oral health literacy among city residents, a variety of channels are utilized to promote oral health. This includes conducting community-based oral health education tours, where professional instructors are invited to improve residents' understanding of oral health and its importance, fostering good habits and awareness.

To ensure that residents in remote and dentist-shortage areas have access to quality oral healthcare services, the city has operated a mobile oral health care vehicle since 2017. This service addresses the oral health needs of underserved areas by providing treatments such as dental cleaning, cavity care, denture adjustment, periodontal disease management, and oral examinations. Additionally, fluoride application services have been introduced for high-risk groups to improve accessibility and availability of dental care. Besides serving five districts without dentists or with insufficient dental resources (Zuozhen, Longqi, Shanshang, Nanhua, and Danei), the program also arranges for dentists to visit schools—prioritizing those in more remote locations—to promote oral health awareness among students and foster regular dental check-up habits. Eligible students receive fluoride treatments and pit-and-fissure sealants as part of these oral health services.



Mobile Oral Health Care Van Community Service – Dentists Provide Dental Treatment for Community Residents

3.12 Six-Star Home Safety Enhancement for Seniors Living Alone

To address the diverse needs of elderly individuals living alone, the "Six-Star Home Safety Enhancement for Seniors Living Alone" program has been specially designed. This initiative focuses on three key areas: smart technology integration, improved network connectivity, and home environment enhancements. It proposes six preventive measures to improve home safety for seniors, including smart technology applications, home cleaning and organization, electrical wiring inspection and maintenance, lighting improvements, and barrier-free home modifications. The program aims to effectively enhance the safety of elderly residents at home, reduce the occurrence of accidents, and promote the concept of aging in place, ensuring that seniors can live with peace of mind and quality of life.



BEFORE



AFTER

Before and After Comparison of Home Cleaning and Organizing Services



Before (Left) and After (Right) Comparison of Lighting Facility Improvement Services

SDG 04 Quality Education



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Education is a fundamental pillar of the nation, and quality education is essential for cultivating an outstanding next generation. To enhance educational opportunities for its citizens, Tainan City not only provides education for school-age children but also emphasizes lifelong learning for seniors. Additionally, the city strengthens the educational rights of students in remote areas and those with special needs, ensuring that everyone has equal access to education.

4.1 Preschool Institutional Services

In response to the nationwide decline in the preschool-age population, Tainan City has seen a continuous increase in the enrollment rate of children attending kindergartens, reflecting growing parental demand for early childhood education and care services. For the 2024 academic year, there are 569 approved public and private early childhood education institutions, with a total capacity of 68,415 children. The city's population of 2- to 5-year-olds in 2024 is 49,969. Currently, Tainan has 448 public kindergartens, non-profit kindergartens, and quasi-public kindergartens offering 48,930 places, achieving a public service rate of 97.9%, which sufficiently meets parental childcare needs and children's schooling options. Aligned with the central government's low birthrate countermeasures, the city has expanded 2-year-old classes, established workplace mutual aid childcare centers, and implemented the quasi-public kindergarten mechanism to accelerate the provision of affordable childcare services and reduce the financial burden on families.



Elementary School Inspection

4.2 Citywide Participation Rate in Lifelong Learning

In the city, adult participation in lifelong learning activities—including senior learning centers, adult basic education classes (including those for new residents), community colleges, digital opportunity centers, new resident learning centers, and supplementary schools for elementary and junior high students—reached a total of 234,447 participants in 2024. The city will continue to actively encourage enrollment across all learning channels by widely promoting adult basic education classes through on-campus announcements, nearby school websites, posters, banners, and public notices in areas with high foot traffic. Additionally, learning extension points have been established at senior learning centers in various districts to facilitate convenient access for learners, thereby enhancing the willingness of elderly residents to engage in learning.



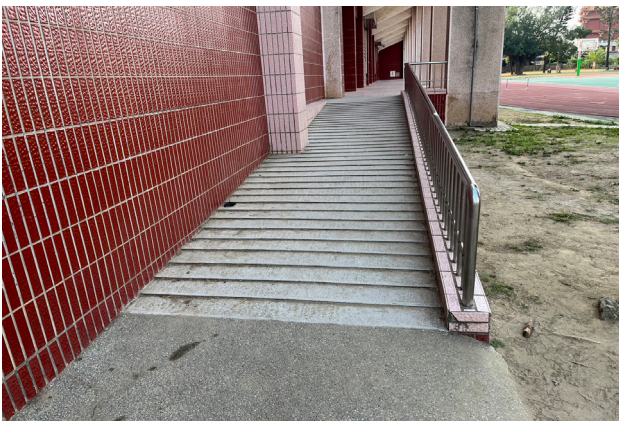
Adult Basic Education Class

4.3 Proportion of Students Placed in Schools with Special Education Resources or Related Special Education Services

To establish diverse and appropriate placement models and transfer counseling mechanisms, the city promotes the educational philosophies and distinctive features of each school, providing students with informed options for placement. This effort aims to dispel misconceptions among parents regarding school selection, ensuring that students with disabilities receive suitable placements. Additionally, a proper mechanism is in place to assist students who face difficulties adapting after enrollment, offering support through in-school counseling as well as options for reassignment or school transfer.

4.4 Satisfaction with Funding for School Accessibility Environment Improvements

To facilitate access and use of buildings for individuals with mobility challenges, new constructions or expansions must meet safety, convenience, and comfort standards in accordance with accessibility regulations. A budget has been allocated to help schools achieve these accessibility goals by enhancing campus barrier-free environments and safeguarding the learning rights of teachers and students with disabilities. This initiative aims to implement comprehensive accessible facilities in buildings and create a friendly and inclusive campus environment.



Comparison of Wujia Elementary School's Barrier-Free Environment Before (Left) and After (Right) Improvement

4.5 Obtaining a Low-Carbon Campus Certification

To encourage schools to leverage their strengths and unique features in creating campus environments aligned with low-carbon concepts, promoting low-carbon living and educational functions, the Education Bureau has implemented a Low-Carbon Campus Certification Program. This program, now in its twelfth year, focuses on energy conservation, water resource utilization, resource recycling planning, sustainable campus construction, and the practice of low-carbon lifestyles. Through the certification application process, teachers and students review their campus environment, implement various projects and activities, and thereby enhance their awareness and literacy regarding sustainable development and net-zero carbon emissions.

In the 2023 academic year, a total of 76 schools in Tainan City received the Low-Carbon Campus Certification. Among them, Ximen Experimental Elementary School and Jiazhong Elementary School were honored as Low-Carbon Demonstration Schools, with Ximen Experimental Elementary School maintaining this status for five consecutive years. Currently, 95% of the city's elementary and junior high schools have obtained the certification, demonstrating that low-carbon concepts have become deeply ingrained within the school campuses.



Tainan City 2023 Academic Year Low-Carbon Model Campus Award Ceremony

4.6 Marriage Education Lectures and Activities

To enhance the public’s ability to manage marriage and family life, the Tainan City Family Education Center continuously promotes comprehensive marriage education covering all stages—from premarital, engagement, newlywed, to married phases. It provides practical learning resources tailored to different life stages, aiming to improve individuals’ skills in managing marital relationships. The curriculum includes topics such as marital values, communication skills, partner interaction, parenting, and family responsibilities. Through diverse methods including lectures, picture books, videos, and DIY activities, the program guides participants in self-understanding and embracing differences, fostering harmonious partner relationships.

In response to the declining birthrate trend in recent years, efforts have been expanded to offer lectures and activities targeting single individuals, those preparing for marriage, and newlyweds. These initiatives encourage young people to actively participate, fostering positive attitudes toward marriage and developing skills for nurturing intimate relationships, jointly paving the way toward a happy family life.



Middle-aged and Older Couples Growth Group — Four Tenderness Sessions

4.7 Traffic Safety Volunteer Guides

To ensure the safety of students escorted by school traffic volunteer guides, the Tainan City Education Bureau fully subsidizes accident insurance for these volunteers annually. The bureau assists volunteers in recording their cumulative service hours and supports them in obtaining honor cards that provide related benefits. Approximately NT\$2 million is allocated each year to subsidize schools for purchasing traffic safety equipment. Additionally, schools are guided to actively seek central government funding to improve pedestrian pathways around campuses. In 2024, 23 schools were approved for sustainable pedestrian safety enhancement projects, contributing to the establishment of comprehensive traffic safety networks around schools. Emphasizing that "education has no bystanders," efforts are made to eliminate urban-rural disparities and collectively promote education that is more equitable, excellent, diverse, and inclusive.



Outstanding Traffic Safety Volunteer Guides and Caring Service Stations Commendation Ceremony

4.8 Public Provision of Childcare and Educational Services

Despite the ongoing nationwide decline in the preschool-age population, the enrollment rate of children attending kindergartens in Tainan continues to rise, indicating increasing parental demand for early childhood education and care services. To realize the educational policy goal of "reducing the burden on parents," Tainan City has persistently promoted the public provision of early childhood education and improved service quality. From the 2020 to 2024 academic years, the city has added 123 public kindergartens serving 2,419 children (61 classes for ages 3–5 with 1,611 children; 62 classes for 2-year-olds with 808 children) and 56 non-profit kindergartens serving 1,447 children (42 classes for ages 3–5 with 1,223 children; 14 classes for 2-year-olds with 224 children).



Tainan Municipal Liren Elementary School Affiliated Kindergarten

4.9 Promoting the Digital Learning Program for All School Districts

To enhance the digital literacy of city residents, bridge the urban-rural digital divide, and build a sustainable smart learning city aligned with international standards, the Tainan City Education Bureau collaborates with schools and communities to foster a learning society. Course content includes understanding basic computer hardware and peripherals, navigating system menus and file operations, and teaching simple smartphone tools. In response to current events, courses related to environmental and medical apps are also offered. The Digital Learning for All Districts Program provides 12 hours of instruction per class and is open to all junior and senior high schools in the city. The target participants are adults who are either residents of or employed in Tainan. To avoid resource waste, a deposit of NT\$1,000 is required for enrollment, which is waived for low-income households or individuals with disability certification. In 2024, 31 schools were approved for the program, offering 33 classes and benefiting 827 participants.



The Status of Digital Learning for Lifelong Education

4.10 Senior Learning Center

To realize the vision of "active aging in every district" and "unique features in every center," Tainan City has established 38 senior learning centers across its 37 administrative districts. These centers offer core active aging courses for citizens aged 55 and above, promoting continued learning and participation to enhance their health, safety, and quality of life, thereby achieving the goals of senior learning.

For professional development in senior education, the city has commissioned its Senior Learning Demonstration Center to conduct training for senior learning professionals (general instructors), incorporating topics such as gender equality and dementia-friendly practices into the curriculum. The senior learning centers aim to provide rich and diverse learning environments for the elderly, encouraging them to embrace joyful learning and transcend age barriers. By offering a variety of courses, these centers help seniors engage with their communities beyond their homes, creating a "second stage" in life.

In 2024, a total of 8,382 courses and activities were held, with 198,772 participant attendances.



Tainan City Shanhua District Senior Learning Center – "Don't Be Fooled" Course (Fraud Prevention)

4.11 Environmental Education Facilities and Sites

In 2024, Tainan City continued to support multiple sites, including the Wushantou Reservoir Environmental Education Park and the National Cheng Kung University Marine Biology and Cetacean Research Center, in applying for environmental education facility certification. The city provided telephone consultations to understand applicants' needs, arranged on-site visits to explain the application process and offer suggestions for site improvements, and maintained ongoing guidance before the review. This assistance helped applicants revise their submissions and receive professional advice, successfully facilitating the certification of these facilities.

The Wushantou Reservoir Environmental Education Park was certified on May 20, 2024. It promotes the concept of "Production, Ecology, and Life," integrating water resource teaching plans to enhance public understanding of the reservoir's functions and the importance of water conservation. The National Cheng Kung University Marine Biology and Cetacean Research Center was also certified on December 4, 2024, becoming Tainan's 23rd certified environmental education facility. Leveraging its extensive experience in marine animal rescue, the center combines multimedia interactions and physical specimens to deepen learners' awareness of marine ecological conservation, jointly protecting the precious marine environment.



Participate in the Wushantou Reservoir Environmental Education Park

4.12 Character Education Leadership Program

The Tainan City Government implements the Moral Leadership School Education Promotion Program to encourage schools to deepen moral education and curricula, fostering a friendly campus atmosphere and nurturing responsible future citizens. The program promotes six key themes: thematic reading on moral education, teacher workshops integrating moral education with class management, restorative justice advocacy, moral education teacher communities, moral education creative card contests, and selection of schools with distinctive moral education features. A total subsidy of NT\$1,163,000 was granted, with 5,533 participants involved. This initiative integrates central and municipal moral education resources to enhance the moral literacy of students, teachers, and parents within campuses.



2024 Tainan City Character Education Model School – Ouwan Elementary School: Grand Commendation Celebrating Students' Exemplary Character

4.13 Astronomy Science Education Promotion

To expand public understanding of astronomy and simultaneously promote the Tainan Astronomical Education Area, Tainan City organizes roadside astronomy outreach activities. Astronomy teaching materials, tools, and telescopes are brought into everyday public spaces such as night markets, popular scenic spots, department stores, and stadiums. These efforts are coordinated with various events held by other agencies to promote astronomy education, aiming to change the public's perception that astronomy is distant and inaccessible. In 2024, a total of 23 events were held, attracting 28,820 participants.



Tainan City "Astronomy Ranger" Mobile Astronomy Outreach Program (Rixin Elementary School)

SDG 05 Gender Equality



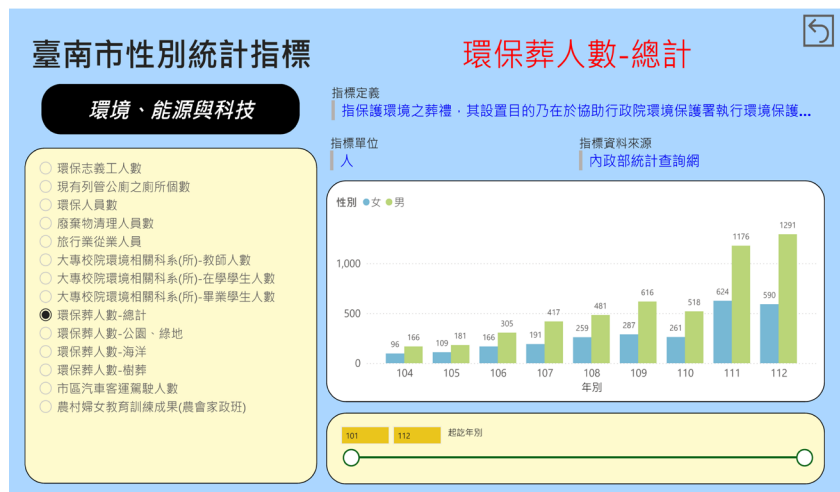
Achieve gender equality and empower all women and girls

The 2022 Global Women’s Work Index Report highlights that while the net-zero transition creates more job opportunities, it may also widen the employment gap between men and women. Without proactive measures, the proportion of women in related industries could decline. Governments and businesses should implement more initiatives to support women in playing a key role in the net-zero transition.

To ensure that women no longer face unfair treatment due to their inherent gender and can fully enjoy gender equality, the Tainan City Government has long been committed to creating a gender-equal and friendly environment. Efforts focus on eliminating various forms of gender discrimination rooted in patriarchy, enabling women to achieve complete gender equality.

5.1 Tainan City Gender Profile Compilation

Every year, statistical data related to gender issues are collected from central government ministries and various bureaus and departments of Tainan City. Based on the promotion strategies outlined in the Executive Yuan’s Gender Equality Policy Framework, the data are categorized into six major dimensions: "Power, Decision-Making, and Influence," "Employment, Economy, and Welfare," "Education, Media, and Culture," "Personal Safety and Justice," "Health, Medical Care, and Caregiving," and "Environment,



Interactive Visualization Query of “Gender Statistical Indicators” – Example: Total Number of Eco-Friendly Burials

Energy, and Technology." The content centers on gender and is presented through statistical charts and textual descriptions to analyze trends over the years. This analysis helps to understand differences in treatment across genders and the trends in data changes, providing reference for relevant city government agencies in executing their public duties.

In August 2024, the "2023 Tainan City Gender Profile" was completed, encompassing 6 major categories, 163 subcategories, and 1,772 indicators. The report has been uploaded to the Department of Budget, Accounting and Statistics' website and the database updated simultaneously for access by government agencies and the public. Additionally, using Power BI visualization tools, an interactive "Gender Statistical Indicators" dashboard was developed on the department's website. This dashboard presents data in clear and easily understandable visual formats, enhancing data readability and enabling diverse value-added applications.

5.2 Five-Heart Outstanding Workplace Selection

Since Mayor Huang assumed office, Tainan City has continuously promoted the "Five-Heart Workplace Certification Program" to attract outstanding talent by providing quality employment environments and establishing family-friendly workplaces. In 2024, the program entered its sixth year, recognizing enterprises that create friendly workplace environments and encouraging them to share best practices, thereby enhancing their competitiveness in transforming into happy workplaces. The 2024 Tainan City Five-Heart Workplace Outstanding Units awardees were Wah Hong Industrial Corp., Foresight Optics Co., Ltd., and Taiwan Tobacco and Liquor Corporation Longtian Distillery.



2024 Five-Heart Outstanding Workplace Award Ceremony

5.3 Gender-Friendly Public Restrooms

Tainan City has been actively improving public restroom facilities and securing central government funding to renovate and rebuild government-operated restrooms, making it the city with the highest number of renovations nationwide. In 2024, a total of 77 gender-friendly restrooms were repaired or newly constructed across the city, including locations such as the Market Administration Office, Jiali District Office, and Yujing District Office. These efforts enhance convenience and safety for the public, creating more welcoming and comfortable public spaces.



Gender-Friendly Public Restrooms at Maxwell Evergreen Park

5.4 “You Farm, I Farm” Gender Equality Seminar

Tainan City actively integrates resources from farmers' associations to promote gender equality education at the grassroots level. Through popular gender-related lectures and film sharing sessions, the program reaches villages and farmers' association homemaking classes, delivering diverse gender perspectives to local learners and raising gender awareness. Activities encourage open discussions on gender issues, clarify gender stereotypes, and foster positive communication and self-awareness. Education guides women to recognize their agency, share personal experiences, and strengthen their identification with and practice of gender equality. This further promotes equitable and reciprocal household chore sharing and shifts in traditional customs, challenging conventional gender role expectations and creating a more respectful and equal living environment. In 2024, eight sessions were held with a total of 524 participants.



Co-organizing the “You Farm, I Farm” Gender Equality Seminar with Farmers' Associations

5.5 Lunar Project



Promoting Menstrual Education in Schools

Creating a Women-Friendly Environment

In August 2021, Tainan City first launched the "Lunar (Menstrual Equity) Project," providing subsidies to schools that proactively offer sanitary pads or other menstrual products to disadvantaged female students. Schools at all levels within the city have designated locations, such as health centers, stocked with emergency menstrual supplies for students to access, ensuring both convenience and privacy to create a female-friendly environment. In 2022, subsidies supported 248 junior and senior high schools and elementary schools, benefiting 2,577 students with a budget of NT\$3,092,400. In 2023, 232 schools served 2,130 students with NT\$2,556,000 in funding. In 2024, 238 schools supported 2,055 students with NT\$2,466,000 allocated.

Promoting Menstrual Education

To cultivate and maintain good personal hygiene habits and implement effective self-care practices, this program explores the relationship between health behaviors and health promotion from multiple perspectives to enhance overall health literacy. The learning content includes key concepts such as the composition and functions of the body, health maintenance skills and methods, and good hygiene practices.

Tainan City collaborates with the gender equality advocacy group, With Red, to conduct gender equality courses. In 2022 and 2023, teacher training workshops were held under the Menstruation Education Innovation Promotion Program. In 2024, a micro-teaching plan competition on menstruation education was organized, followed by sharing sessions for winning teachers. These initiatives are integrated with the professional development model for teachers under the 2019 Curriculum Guidelines, promoting menstruation education through joint in-person lesson observations and discussions. Additionally, with funding support from the Ministry of Education for diverse menstrual products and matching funds from the city, schools are subsidized to conduct parent-teacher-student workshops and promotional activities.

SDG 06 Clean Water and Sanitation



Ensure availability and sustainable management of water and sanitation for all

Taiwan is surrounded by the sea, and Tainan receives an average annual rainfall exceeding 2,500 millimeters, which is about 2.6 times the global average. However, due to uneven rainfall distribution, the ratio of precipitation between wet and dry seasons is approximately 9 to 1, resulting in low water storage rates and insufficient water supply. Consequently, Tainan often faces water shortages during the dry season. To address this, the city government is dedicated to promoting environmental education to raise public awareness about water conservation. It encourages citizens to adopt habits of "saving water, conserving water, and protecting water." Policies such as the reuse of treated wastewater from public sewage plants as reclaimed water are implemented to stabilize the water supply and coexist sustainably with water resources without damaging their natural state.

6.1 Sewage Treatment Rate

Sewage treatment rates are influenced by building types, real estate development, and population size. In Tainan City, detached houses are the predominant building type, resulting in relatively lower installation rates of dedicated sewage treatment facilities and building-level sewerage systems. Since sewerage systems are long-term infrastructure projects requiring substantial investment over extended periods, water resource recycling efforts are implemented gradually through phased, district-based planning to maximize effectiveness. To improve household sewage pollution and reduce construction and operational costs, the original plan of sewerage systems based on administrative districts is being reviewed to adopt more appropri-

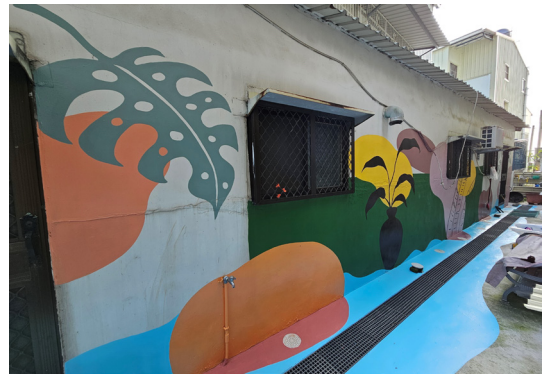
ate regional sewerage systems. By utilizing the spare capacity of existing water resource recovery centers and comprehensively considering the benefits of integrating sewerage systems, Tainan aims to effectively enhance the efficiency of water resource treatment centers.

Since January 1, 2021, the Water Resources Bureau has expanded the scope of users' drainage facilities, accelerating user connections to improve the overall sewage treatment rate. By the end of 2024, Tainan City's sewage treatment rate reached 65.52%, an increase of 47.19% from 18.33% at the end of 2010. This significant improvement reflects the city's active efforts and commitment to developing its sewerage infrastructure.

6.2 Sewerage Coverage Rate

Sewerage construction is one of the essential public facilities in modern cities and serves as an indicator of quality of life. By the municipal government systematically connecting each household to the sewerage system, a comprehensive basic infrastructure for residents is established. This approach enhances the cleanliness of community back alleys, significantly improves the water quality and odor of local drainage channels, and promotes public health and overall quality of life.

In response to the rapid population growth and the thriving development of the technology industry in the Tainan Science Park area, the city has integrated the sewerage systems of Xinshi, Shanhua, Anding, and the designated Tainan Science Park zone, establishing the city's eighth sewerage system. As of the end of 2024, the total number of households connected to the city's public sewerage system reached 216,210, an increase of 161,993 households from 54,217 at the end of 2010, representing a 3.99-fold growth. The public sewerage system coverage rate rose to 28.97%, up 20.49 percentage points from 8.48% at the end of 2010, a 3.42-fold increase. Moving forward, efforts will continue to promote this initiative to build a healthier and more livable city.



Sewerage System Integration

6.3 Reclaimed Water Volume

In coordination with the Ministry of the Interior's National Land Agency, a large-scale reclaimed water recovery and reuse facility has been established in the Tainan area to alleviate local water supply pressure. The construction and operation of the reclaimed water plants are managed through a government procurement Design-Build-Operate (DBO) contract model. This initiative actively promotes reclaimed water projects in Yongkang, Anping, and Rende districts.

The construction of the Yongkang and Anping reclaimed water plants has been completed successively, and the Rende reclaimed water plant was completed by the end of 2025, totaling three reclaimed water plants supplying high-tech manufacturers with process water. Currently, the Anping and Yongkang plants can supply 61,000 tons of reclaimed water daily to the Tainan Science Park. It is projected that in the first quarter of 2025, the supply will remain at 61,000 tons per day, with plans to increase to 90,000 tons per day by 2027 in accordance with central government policies. Additionally, TSMC's self-built reclaimed water plant can supply 20,000 tons daily. Through joint efforts of the government and private sector, a total of 110,000 tons of reclaimed water is supplied daily, meeting the water demand of Tainan's industries, supporting stable economic development, and enhancing water resource recycling.



Anping Water Resource Recovery Center and Reclaimed Water Plant



Yongkang Reclaimed Water Plant

6.4 Per Capita Water Consumption

The city annually announces 19 drought relief wells, with a total daily output of 30,000 metric tons. Water quality reports, tested biennially by the Environmental Protection Bureau, are published on the Economic Development Bureau’s website. These drought relief wells provide secondary water for industrial and residential use. Enterprises may apply to the Economic Development Bureau for access to these wells, which coordinates site inspections with the applicants and Taiwan Sugar Corporation. Water transportation is arranged with Taiwan Sugar Corporation, which schedules delivery times and billing methods.

In 2024, the average daily domestic water consumption per person in Tainan was 278 liters. Among the six special municipalities, Taipei had the highest consumption at 337 liters per person per day, with Tainan ranking fifth.

6.5 Water Supply to Remote and Rural Areas

Tainan City has adopted a multi-faceted strategy to comprehensively address the water supply issues in areas without access to tap water, assisting residents in obtaining water connections smoothly. For users in remote mountainous regions, active promotion is conducted with the assistance of district offices to facilitate water connection applications. For households located far from distribution pipelines and unable to meet the Water Resources Agency’s inclusion criteria, explanations are strengthened regarding the installation of adjustable meter positions to reduce engineering costs and improve the chances of project approval.

Regarding land acquisition, district offices assist in allocating state-owned land, while private land acquisition is facilitated through coordination and explanation of the purpose and necessity by local village chiefs or resident representatives, promoting smooth completion of land procurement. Meanwhile, the Tainan City Government actively allocates matching funds for projects to share costs and reduce evaluation expenses, coordinating with district offices to consider self-funding or applying for central government subsidies to

increase the number of approved cases. Additionally, village chiefs are encouraged to petition legislators for central government special subsidies to accelerate pipeline extension projects, comprehensively improving water supply coverage and resolving the issue of residents lacking tap water access.

In 2024, assistance was provided to 117 households with water supply issues, and funding will continue to be allocated for ongoing improvements.



Water Supply to Remote and Rural Areas (Meiling Booster Station)

6.6 Water Environment Protection Volunteer Team

Caring for Rivers Is Everyone's Responsibility

"From Care to Action," the Tainan City Environmental Protection Bureau aims to raise public awareness of environmental protection through the implementation and guidance of the River Watch Volunteer Patrol Teams. The goal is to redefine a new covenant between citizens and the environment, jointly safeguarding water resources. This initiative provides the Water Environment Patrol Teams with the opportunity to respond to international development trends and goals, demonstrating their concern and enthusiasm for the water environment.



Water Pollution Patrol and Reporting Incidents

Protecting Rivers, Volunteers Lead the Way

The city's Water Environment Volunteer Teams demonstrate sound operational management through a well-established replacement mechanism. In 2024, efforts continued to phase out less active teams and invite new teams to join the river patrol program. A total of 43 teams comprising 1,009 members were inspected and monitored during the year. To enhance members' capabilities and strengthen team cohesion, two leadership meetings, eight river and beach cleanup events, and one awards ceremony were held throughout the year. Additionally, volunteer training, safety drills, seed teacher training, and observation seminars were conducted to deepen professional expertise.

The city actively utilizes various venues to promote water environment education and encourages experienced volunteers to serve as seed teachers to expand the water environment protection network, collectively safeguarding the city's aquatic environments.



2024 Water Environment Volunteer Stream Cleanup Activity



2024 Water Environment Volunteer Beach Cleanup Activity

6.7 Polluted River Remediation

Water pollution is a major public concern. To emphasize the sustainable use of drinking water and water resources, the Tainan City Government actively promotes water pollution control within the city and has formulated the policy of "Accelerating River Restoration and Promoting Water Conservation." Integrated watershed management is carried out through regular meetings involving multiple counties, agencies, and civil organizations. Based on meeting reviews and recommendations from on-site experts and scholars, efforts are made to incorporate tourism, recreational activities, and cultural and creative industries to enhance public engagement with



Bawang Village Livestock Manure Resource Recovery Treatment Plant (Phases I)

water environments. Following the stages of flood control, water purification, water accessibility, and water vitality, the city aims to realize the vision of "Clear Water, Visible Fish, and Sustainable Oceans."

Tainan City is both a prosperous industrial and commercial center and a city rich in cultural heritage. To ensure that economic development proceeds alongside the enjoyment of a pleasant waterfront environment, an analysis of river pollution sources reveals that some originate from Chiayi County (Bazhang Creek) and others from Kaohsiung City (Erren River), with frequent occurrences of illegal wastewater discharges. According to statistics announced by the Ministry of Environment for 2003, the proportions of severely polluted river lengths were as follows: Bazhang Creek 31%, Jishui River 67.8%, Zengwen River 4.5%, Yanshui River 68.6%, and Erren River 100%.

To promote water quality improvement, domestic pollution is addressed through short-term water purification facilities and long-term sewerage system development. Industrial pollution is managed via inspections, deployment of scientific monitoring instruments, and stricter effluent standards, with total pollutant load control evaluated and implemented in severely polluted areas. Livestock pollution is also controlled through inspections, with recent efforts focusing on resource recovery by utilizing livestock manure as fertilizer for agricultural land. By 2024, 315 livestock farms in the city (approximately 52% of the total) have completed resource recovery applications. In Liouying District, 75 farms have achieved nearly 90% resource recovery, serving as a demonstration area. Additionally, in the Bawang dairy farming area, the city has cooperated with the Ministry of Environment to implement the "Bawang Village Livestock Manure Resource Recovery Treatment Project" (Phases I and II), establishing a centralized livestock manure resource recovery treatment plant (Phase I completed in 2024; Phase II expected by 2026).

According to 2024 statistics, the proportions of severely polluted river lengths have improved to Bazhang Creek and Zengwen River at 0%, Jishui River 14.5%, Yanshui River 17.9%, and Erren River 22.6%. Overall, achieving the goal of eliminating severe pollution is a long-term effort that cannot be accomplished overnight. Through continuous review and adjustment of improvement measures, Tainan City hopes to foster collective efforts among all citizens.

6.8 Installation of River Surface Trash Interception Nets

In coordination with the national water environment construction efforts, measures have been taken to remove floating debris, garbage, dead fish, water hyacinth, weeds, and decaying organic matter that cause water odor or fish kills from river sections. In 2024, ten river surface trash interception nets were installed to maintain clean river surfaces and prevent garbage from entering rivers via local drainage and stormwater systems. Throughout the year, a total of 385 river surface debris removal and cleaning operations were completed. The types of removed waste included fish carcasses, recyclable garbage (such as aluminum cans, plastic bottles, and disposable food containers), grease, and floating materials (such as leaves and branches). Approximately 281,324 kilograms of waste were collected, effectively improving the river's appearance and enhancing water environment quality.



Accumulation of Garbage at River Surface Trash Interception Nets

6.9 Coastal Trash Cleanup, Stream Cleanup, and Ocean Cleanup Activities

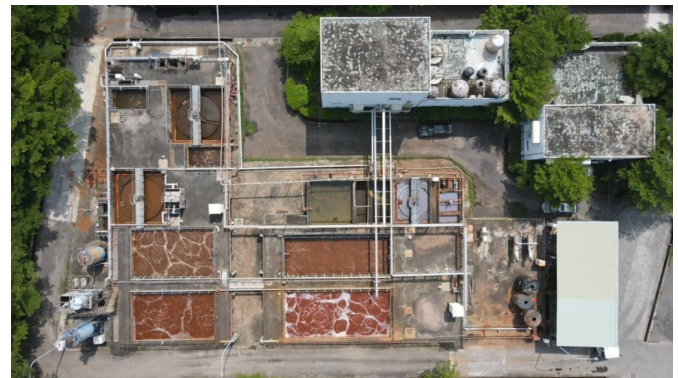
In conjunction with International Coastal Cleanup Day, the city held the Golden Coast Autumn Beach Cleanup event on September 21, 2024. Approximately one thousand participants, including corporate representatives, community groups, volunteers from the Environmental Protection Bureau, and members of the public, gathered early on a weekend morning to collect various types of debris scattered along the beach. A total of 3,904.3 kilograms of waste was removed during the event.



Tainan City Golden Coast Autumn Beach Cleanup Activity

6.10 Leachate Plant (Including Fertilizer Plant) Operation Management and Leachate Collection

In recent years, rapid industrial and commercial development has led to a significant increase in waste generated from various production and consumption activities, making waste management one of the most critical challenges. The city's landfill sites produce an average annual leachate volume of 66,941.01 cubic meters and an average annual volume of 57,385.39 cubic meters of landfill leachate fertilizer. After treatment to meet effluent discharge standards, these waters are discharged, effectively reducing the release of polluted wastewater and ensuring proper waste management.



Anding Leachate Treatment Plant

6.11 Contracted Operation and Maintenance Management of Chengxi Landfill Leachate Treatment Plant

The Chengxi Landfill Leachate Treatment Plant processes wastewater generated from the Chengxi landfill, fly ash solidification plant, and bottom ash plant. After treatment, the water is recycled as reclaimed water for street cleaning, irrigation, and dust suppression. The plant's average annual treatment volume is approximately 257,684 cubic meters. The treated effluent consistently meets discharge standards, and water quality is further enhanced through a reverse osmosis (RO) system, enabling reuse for street washing, irrigation, and dust control. In 2024, the volume of reclaimed water used reached 25,780 cubic meters, effectively conserving water resources.



Chengxi Landfill Leachate Treatment Plant

6.12 Strengthening Drinking Water Quality Safety

The quality of drinking water directly impacts the health of residents. To strengthen the safety of drinking water quality in Tainan City, continuous inspections of the tap water system and water sources are conducted. These inspections include sampling and testing of tap water quality, maintenance and management of drinking water equipment, water source quality at water treatment plants, testing of water treatment chemicals, inspection of packaged drinking water sources, and monitoring and control of water source pollution activities.

In 2024, 60 direct water supply points were sampled monthly, totaling 887 tests throughout the year, all meeting drinking water quality standards. Additionally, raw water from eight water treatment plants within the jurisdiction was sampled and tested 31 times during the year, all in compliance with relevant standards. These efforts ensure the safety and quality of water for the city's residents.

SDG 07 Clean Water and Sanitation



Ensure access to affordable, reliable, sustainable and modern energy for all

With the rise of environmental awareness, Taiwan has increasingly focused on the development of renewable energy in recent years. Through public cooperation, green energy development is promoted to increase the proportion of energy use and drive the growth of the green energy sector. Tainan, leveraging its natural advantage of abundant sunlight, has launched the nation’s first “Sunshine Electric City Project.” A dedicated task force has been established to coordinate applications and demands across sectors, making full use of Tainan’s local solar energy strengths to integrate a complete green energy industry chain, guiding Tainan toward the vision of becoming a green energy city.

7.1 Solar Photovoltaic System Installed Capacity

Tainan City is advancing the Sunshine Electric City 3.0 Project, which continues the initiatives of the 2.0 Project by promoting the installation of solar photovoltaic systems on five major rooftop types—solar public housing, solar rooftops, solar communities, green factories, and agricultural greenhouses—and five major ground-mounted types, including salt farm land, water areas, landfills, green energy land, and green energy facilities. The project also emphasizes upgrading the information platform, including the establishment of smart grids, energy storage, energy generation, and energy conservation. As of 2024, a total of 13,201 solar photovoltaic applications have been approved, with an installed capacity of 4.718 GW, surpassing the initial target of 4.5 GW ahead of schedule.

7.2 Green Factories and Offices: Promoting Solar Photovoltaic System Installation for Users with Electricity Contract Capacity Above 800 kW

Users within Tainan City with an electricity contract capacity of 800 kW or above are designated under Article 23 of the Tainan Low-Carbon City Autonomous Ordinance to install solar photovoltaic systems or energy storage equipment equivalent to at least 10% of their contract capacity at appropriate locations within the city, or to purchase a certain amount of renewable energy power and certificates. This initiative aims to encourage leading electricity consumers to fulfill corporate social responsibility and serve as role models in green energy, gradually guiding Tainan residents to collectively respond by installing solar power systems and advancing the energy transition.

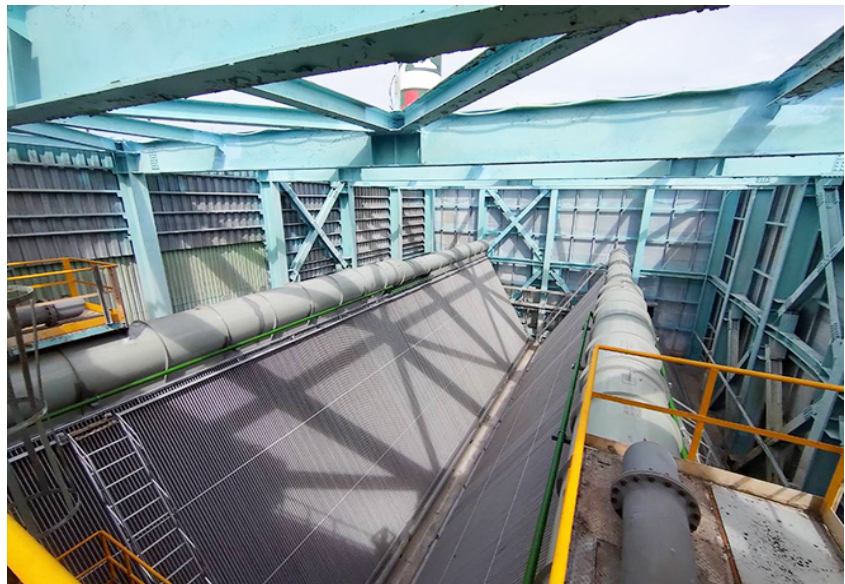
As of 2024, a total of 724 cases have been announced, of which 407 have completed the filing process and 256 have applied for removal. The total installed capacity reaches 173 MW. Additionally, 10 cases are pending improvements and 51 cases are under guidance, with a potential installation capacity of approximately 8.11 MW. The implementation rate has reached 91.57%.

7.3 Increasing Power Generation from Incineration Thermal Energy

To achieve the 2050 net-zero transformation, the city actively promotes the development of renewable energy and the recycling of energy resources. One key aspect of energy resource recycling is the incineration of waste to recover heat for power generation. The high-temperature flue gas produced by waste incineration is cooled through heat exchange equipment in the boiler to recover thermal energy and generate steam, which then drives a steam turbine generator to produce electricity. Most of the electricity generated is sold to the Taiwan Power Company. The city operates two waste incinerators, Chengxi and Yongkang, which together generate over 250,000 MWh annually. Regular maintenance is conducted on the steam turbine generators at both facilities. Since the Chengxi incinerator has been in operation for over 20 years, retrofit works were carried out in 2020, focusing on improving the air-cooled condenser (ACC) of the power generation system. This upgrade increased average power generation by approximately 24%, adding about

20,606 MWh annually, equivalent to an additional carbon reduction of approximately 10,000 metric tons.

From 2021 to the end of 2024, the two waste incinerators in Tainan City generated a total of approximately 1,047,286 MWh of electricity, with an average annual output of about 261,822 MWh. This amount of electricity can supply nearly 65,000 households for one year and corresponds to an annual carbon reduction of approximately 129,000 metric tons.



Improvement of the Air-Cooled Condenser (ACC) Equipment at Chengxi Incineration Plant

7.4 Increasing Annual Power Generation from Landfills

The city leases land from closed and rehabilitated landfill sites to companies for the installation of solar power facilities. A total of 13 landfill sites have been equipped with solar photovoltaic systems, with a combined installed capacity of 15.59 MW and a total site area of 31.78 hectares. The solar power generated annually can replace coal-fired power generation, reducing carbon dioxide emissions by nearly 10,000 metric tons and providing electricity for approximately 5,000 households each year.



Solar Photovoltaic Facilities on Landfill Sites in Tainan

7.5 Guidance for Biogas Reuse in Livestock Farms

Tainan City supports livestock farms in installing biogas digesters to effectively collect biogas for use as natural gas. This approach not only addresses odor and wastewater treatment issues at livestock farms but also provides a stable supply of high-quality fuel, promoting sustainable recycling and achieving carbon reduction goals. By developing biogas technology, greenhouse gas emissions can be mitigated, climate change addressed, and waste resources efficiently utilized and converted into clean energy. This method balances waste management with environmental friendliness, demonstrating a positive trend for future environmental development. As of 2024, the biogas reuse rate has reached 55.2%.



Biogas Digesters

7.6 Integration of Aquaculture with Green Energy Power Generation Sites

The city promotes an aquaculture-photovoltaic integration strategy, prioritizing the introduction of green energy facilities to aquaculture operations with lower sunlight requirements. This approach helps mitigate the impacts of extreme weather events such as heatwaves, cold spells, and heavy rainfall on aquaculture production. It also diversifies land use and increases green electricity revenue, providing multiple benefits to fishermen. A portion of the income generated from green energy power is reinvested in improving agricultural and aquacultural facilities, adopting new technologies, enhancing production and processing hygiene and safety, and expanding marketing channels. These efforts assist the agricultural and aquacultural industries in accelerating transformation, increasing farmers' and fishermen's income, and attracting more young people to return to their hometowns to engage in agricultural and aquacultural development.



Integration of Aquaculture with Green Energy Power Generation Sites

SDG 08 Decent Work and Economic Growth



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

To create a business-friendly environment, Tainan City is committed to safeguarding workers’ labor rights and safety, providing necessary support to enterprises, promoting industrial upgrading and innovation, developing local specialties, fostering economic growth, and creating more employment opportunities.

8.1 Prevention and Awareness Promotion of High-Temperature Heat Hazards in Workplaces

With global warming causing extreme high temperatures to become the norm, outdoor workers in industries such as construction, utility pole maintenance, roadworks, and advertising installation face an increasing risk of heat-related illnesses, including heatstroke. To protect workers’ health, the Tainan City Labor Bureau, in collaboration with the Southern Region Labor Health Service Center of the Occupational Safety and Health Administration, has not only strengthened heat hazard prevention advocacy and supervisory inspections but also provided subsidies to assist small and medium-sized enterprises in purchasing cooling and heat-prevention equipment, thereby enhancing workplace protection measures. In 2024, a total of 664 workplace safety and health promotion events have been conducted to actively improve work environment safety and implement the mayor’s “Safe and Healthy Hopeful Homeland” policy goal, ensuring that workers in Tainan can “work safely and maintain good health,” allowing them to work with peace of mind and live healthily.



Promoting Prevention of High-Temperature Heat Hazards in Workplaces

8.2 Establishment and Operation of Vocational Rehabilitation Service Window for Persons with Disabilities

The city administers employment transition notifications and services for persons with disabilities, integrating various service resources. Vocational rehabilitation case managers provide individualized services based on each case's needs, abilities, and interests, effectively linking and utilizing local vocational rehabilitation resources for persons with disabilities. This ensures continuous, seamless, and appropriate professional services throughout the vocational rehabilitation process to assist persons with disabilities in gaining employment. In 2024, assistance was provided to 300 persons with disabilities in securing employment.



Assisting sheltered workshop employees in their work

8.3 Supervision and Inspection of Heat Hazard Prevention for Outdoor Work in High Temperature Conditions

The city implements supervisory inspections for high-temperature heat hazard prevention at outdoor work sites, including construction sites and roadworks. Inspection items include measures to reduce workplace temperature, provision of shaded rest areas, supply of appropriate beverages or saline water, proper adjustment of work hours, increased frequency of workplace patrols, health management and appropriate work arrangements, heat acclimatization measures for workers, monitoring workers' health before and during work, heat illness prevention education and promotion, and the establishment of emergency medical, reporting, and response mechanisms. In 2024, a total of 170 inspections were completed, urging employers to adopt effective measures to prevent heat hazards and safeguard the safety and health of outdoor workers, thereby preventing the occurrence of heat-related illnesses.

8.4 Promotion of Local Industry Innovation through SBIR

The Tainan City Government, aiming to encourage local small and medium-sized enterprises (SMEs) to strengthen technological innovation and research and development, and to promote their application for larger central government subsidy programs, has implemented the "Tainan City Government Local Industry Innovation and R&D Program" (Local SBIR). This program accelerates the enhancement of the competitiveness of Tainan's SMEs by establishing sound R&D processes, comprehensive financial and accounting knowledge, and project management and planning models. It reduces the difficulty of applying for large-scale city government programs and increases the willingness to apply. Additionally, the city actively plans to support various R&D guidance programs. In 2024, a total of 54 companies received subsidies under the local SBIR program.

In alignment with central government policies, the city encourages local enterprises to engage in innovative research and development across categories including low-carbon energy saving, innovative services, digital transformation, metal machinery and daily chemical industries, as well as sports and health. By providing subsidy funding, the city aims to support startups with high-quality business models, establish successful examples, invigorate entrepreneurial spirit, and foster a culture of innovation and entrepreneurship domestically, thereby injecting vitality into the economy. Over 14 years of promotion, a total of 984 projects have been approved, generating a corporate output value of 11 billion NTD. Additionally, 378 collaborative projects between surrounding industries and academia have been facilitated, creating employment for 3,958 people in Tainan City.



Promoting Local Industry Innovation through SBIR — Tainan City Innovation R&D Exhibition and Awards Ceremony

8.5 Implementation of the Tainan Industrial Park Development Plan

To encourage the return of Taiwanese businesses and attract corporate investment, there is a strong demand for industrial land at all levels. Tainan actively employs strategies such as industrial park development, land inventory, and urban land rezoning to create diverse investment opportunities and promote the development of various industrial zones. Supporting measures for transformation and development have been established to resolve the stagnation issues in the development of some industrial zone lands.

The city government has independently developed four industrial zones: Shugu Valley Park, Liouying Technology Industrial Zone, Yongkang Technology Industrial Zone, and Xinji Industrial Zone. To meet the demand arising from the return of Taiwanese business-

es and the needs of the mass production base around Shalun Science City, the Cigu Technology Industrial Zone is currently under construction, including preliminary works such as earth excavation and site leveling. The first land sale announcement was made in January 2024, followed by a second in May 2024. Both rounds experienced oversubscription before the application deadlines. To seize the economic opportunity and satisfy manufacturers' demand for factory construction, a third land sale was conducted in October 2024 through a bidding process. As of now, 38 companies have been approved to settle in the zone, occupying a total area of 39.32 hectares, representing a 52.57% sale rate of available land. This development is expected to create approximately 2,200 new jobs and generate an annual output value of around 18 billion NTD.

8.6 Attracting Investment to Build an Industrial and Economic Hub

The city government actively fosters a high-quality investment environment by providing a one-stop service window for various types of investment services, assisting businesses in resolving issues related to investment and factory establishment, and removing investment obstacles. Additionally, through the Major Investment Review Meetings chaired personally by the mayor, administrative issues related to investment projects are addressed to accelerate investment progress. Since 2019, Tainan has attracted 1,671 investment projects, securing a total investment amount of 225.7 billion NTD, generating an output value of 323.1 billion NTD, and creating over 50,000 new jobs. These achievements have propelled Tainan to become a major hub for industrial development.



Opening of Tokyo Electron Tainan Operations Center

8.7 Win-Win Innovation and Incubation Base

The Win-Win Innovation and Incubation Base on sustainable operation, creating an innovation model that integrates the digital economy, experience economy, and circular economy. It has established an efficient service team that connects local and central resources, actively incorporating industry, government, academia, and research capabilities to form a collaborative network. Together, they promote a comprehensive entrepreneurial service ecosystem, supporting startups from local roots to international expansion, thereby realizing the sustainable development goal of "Innovation Base, Winning the Future." The base is dedicated to identifying and mentoring high-potential startup teams, assisting them in commercializing innovative ideas and realizing their entrepreneurial dreams. It provides fully

equipped entrepreneurial spaces that enable teams to focus on creative brainstorming and product development for steady growth. Moreover, the base fosters an international entrepreneurial atmosphere by leveraging extensive networks with global corporations, facilitating international exchanges for startup teams, and helping outstanding teams expand into overseas markets. This has successfully driven the technological upgrading and internationalization of Tainan's startup industry. From 2018 to the end of 2024, the base has organized 298 entrepreneurial guidance events with a total participation of 15,266 people, provided mentorship to 257 companies, and assisted 47 companies in successfully establishing their businesses.

8.8 Enhancing Employment and Entrepreneurship Capabilities of Indigenous Peoples

The Indigenous Peoples Affairs Commission of the city government, in collaboration with the Indigenous Employment Service Specialists from the Yun-Chia-Nan region of the Council of Indigenous Peoples, integrates the Labor Bureau and various activities to conduct employment promotion. This enables indigenous people to conveniently consult on career development planning, achieving significant service outcomes. Additionally, the commission accompanies indigenous individuals to interviews and job matching, assisting them in appropriate career planning to improve matching success rates. Follow-up counseling is provided to promote stable employment, with an average successful and stable employment rate of 60%. The total number of service recipients exceeded 2,000 in 2024. Moving forward, the commission will continue to provide stable employment services and career planning assistance to indigenous people in Tainan, encouraging their workforce participation and the full utilization of their talents.



Providing Consultation Services Integrated with Job Fairs and Related Events

8.9 Planning Diverse Training Programs to Enhance Workers' Skills

To assist unemployed individuals in returning to the workforce, the Tainan City Government actively utilizes the Employment Stabilization Fund to offer vocational training courses. Each year, five major occupational categories are planned, including beauty and hairdressing, computer information, food and beverage services, and professional design. These courses are combined with high-quality training institutions and comprehensive facilities, enabling trainees to acquire skills for career transition or entrepreneurship in the shortest time possible. After training, job matching services are provided through six employment service centers in the city (Yonghua, Guantian, Jiali, Xinshi, Guiren, and Minzhi) to accelerate workforce reintegration.

Simultaneously, the government promotes skill enhancement training for employed workers by offering management competency and technical workshops to strengthen workplace competitiveness and revitalize human resources. In 2024, a total of 37 classes were conducted, with 920 participants enrolled.



Diverse Training to Enhance Workers' Skills – Chinese Cuisine Cooking Training Class

8.10 Developing Forward-Looking Industries

The National Science and Technology Council has proposed the establishment of the Southern Taiwan Silicon Valley Promotion Office, in collaboration with the Tainan City Government, the Ministry of Economic Affairs, the Industrial Technology Research Institute, and other relevant agencies. Centered on the Tainan Shalun Smart Green Energy Science City, the plan implements four key strategies: expanding computing power, attracting talent, linking industrial sites, and promoting applications. The core area is divided into zones A to F and X, connecting nearby institutions such as National Yang Ming Chiao Tung University, Taiwan Sugar Corporation's Smart Green Energy Circular Residential Area, the Health and Green Energy Industrial Park, Mitsui Outlet

Park, and the Greater Tainan Convention and Exhibition Center, creating a new town that balances living functions with industrial development. Since the establishment of the Shalun Smart Green Energy Science City office in September 2021, 136 public and private organizations, including the Academia Sinica, Industrial Technology Research Institute, and National Institutes of Applied Research, have successfully settled in the area, creating 2,057 jobs. This has brought more opportunities for innovation and development to local enterprises. The initiative actively promotes the aggregation of southern Taiwan's technological innovation capabilities, positioning the area to become an international-level hub for smart green energy industries.

8.11 Passing the Torch Among the Silver Generation

To enable middle-aged and senior citizens to continue utilizing their expertise and experience after retirement, Tainan City actively promotes a Silver Talent Recruitment and Matching Program. The program encourages individuals aged 55 and above, who possess various skills and talents and are registered or residing in the city, to participate. Through open recruitment, participants become members of the Silver Talent database and are matched with schools, social welfare organizations, long-term care centers, community care stations, and other units to provide heritage teaching and talent services. This initiative not only facilitates intergenerational knowledge transfer and active senior participation but also promotes physical and mental revitalization, enhances self-worth, and serves as a source of vitality. It contributes to building a dynamic society characterized by meaningful aging, wisdom inheritance, and intergenerational integration.



Teaching activity of Passing the Torch among the Silver Generation

SDG 09 Industry, Innovation and Infrastructure



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

To advance energy transition, Tainan City actively guides users with contracted electricity capacities of 800 kW or above to install photovoltaic systems. The city has established an office to strengthen corporate financial resilience, assisting both youth and enterprises in securing funding to gain opportunities for innovation and development. At the same time, resilient infrastructure is being constructed and green coverage increased to enhance the city’s ecological regulation capacity, thereby realizing the vision of a sustainable ecological city.

9.1 Facilitating Credit Guarantee Loans for Small and Medium-Sized Enterprises (SMEs)

To assist youth and enterprises in securing funding and gaining opportunities for innovation and development, the city established a service window in September 2020 through an integrated counseling and guidance program. This office handles the review of youth entrepreneurship and SME credit guarantee loans, providing comprehensive services including entrepreneurship consultation, incentive subsidies, financing and loan applications, training courses, referrals to other entrepreneurial resources, and one-on-one advisory support.

In response to the city’s youth and senior welfare policy, full interest subsidies for the first five years have been offered since June 4, 2024, to alleviate the financial burden on young entrepreneurs and support flexible capital use for startups. This integrated counseling and guidance program helps SMEs obtain the necessary

operating funds smoothly, increases business visibility, and enables resource-limited SMEs to focus on technological innovation and breakthroughs, thereby driving industrial growth and enhancing local industry competitiveness.

In 2024, a total of 841 consultation and diagnostic services were provided. There were 50 youth entrepreneurship loan applications, with 23 approved, totaling 31.4 million NTD in loan disbursements.



Youth Entrepreneurship Counseling Program

9.2 Road Quality Improvement Project

Due to the increased number of construction sites and road excavation projects in recent years, the original sidewalks have often been obstructed by stacked materials or temporarily removed, causing inconvenience to pedestrians. Since 2017, the city has continuously sought subsidy funding from the Ministry of the Interior and the Ministry of Transportation through the Forward-Looking Infrastructure Development Program's "Road Quality Improvement Project." This policy focuses on sidewalk and pavement works, including creating barrier-free passageways, enhancing intersection safety, undergrounding utility lines, increasing green coverage with additional plantings, installing pedestrian refuge islands, expanding corner pedestrian spaces, planning left-turn lanes, redesigning road layouts, and conducting traffic accident analyses across nine key areas. As of 2024, approximately 18 sidewalk construction and improvement projects have been completed.



Improvement of Intersections on HSR Boulevard in Guiren District

9.3 New-Style Bus Stop Solar-Powered Lighting Equipment

In recent years, the city has actively promoted public transportation and is committed to continuously improving the service quality of Tainan City Bus. One of the key objectives is to enhance the waiting environment for passengers. For new-style bus stops that currently lack lighting facilities, the city plans to improve lighting to provide a safer waiting environment, increase passenger convenience, and assist bus drivers in identifying waiting passengers at night. Accordingly, a plan has been developed to upgrade the lighting at all new-style bus stops throughout the city.

The installation of solar-powered lighting equipment on the city's new-style bus stops began in 2023 and was completed in 2024, covering a total of 2,954 new-style bus stops across the city. The comprehensive installation of solar lighting on bus stops is a national first. The implementation has been effective and has received widespread positive feedback from both passengers and bus drivers in the city.



New-Style Solar-Powered Lighting Equipment for Bus Stops



New-Style Bus Shelters with Local Characteristics

9.4 Newly Established Off-Street Parking Lot

To address the imbalance between parking supply and demand, Tainan City has been promoting the "Tainan Parking NO.1" since 2018. Starting in 2019, in coordination with the central government's Forward-Looking Infrastructure Development Program, the city has actively planned the construction of multi-story parking facilities. As of the end of 2024, 13 multi-story parking lots have been approved, with construction underway or completed. Five of these facilities have been completed, adding 1,452 car parking spaces and 371 scooter parking spaces. The city has also fully implemented smart parking systems to enhance parking convenience and efficiency.

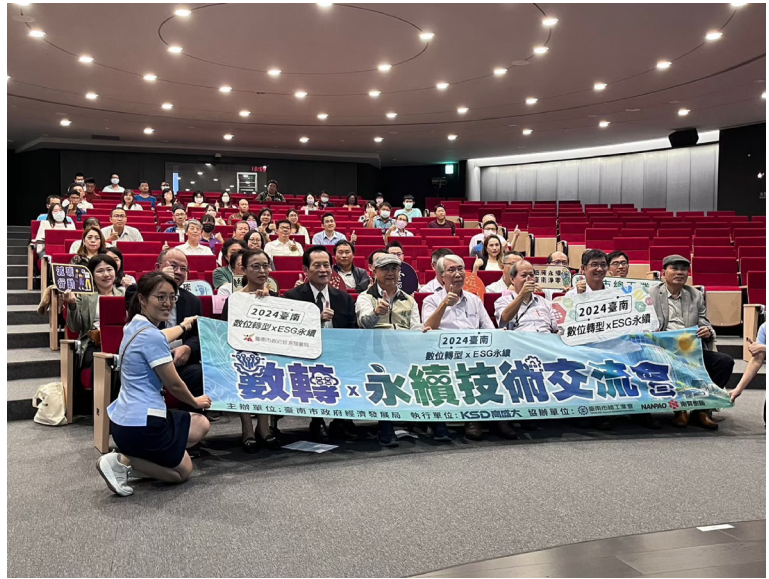
In addition, the city has diversified the use of idle public and private lands through close cooperation among the Transportation Bureau, Public Works Bureau, district offices, and the private sector. By leveraging the "Tainan City Private Sector Off-Street Public Parking Lot Subsidy Measures," along with collaborations involving national land, school campuses, and land adoption programs, the city has expanded parking supply. This approach not only increases parking availability and reduces energy consumption, air pollution, and noise pollution caused by drivers searching for parking but also effectively improves cityscape and environmental spaces, providing high-quality and convenient parking environments. As of the end of 2024, the total number of parking spaces has reached 162,081, significantly reducing energy consumption and environmental pollution related to parking searches and enhancing the quality of the urban environment.



Transportation Bureau Newly Established Erkong New Town Parking Lot No.2 in Rende District (Paid Parking Lot No.2)

9.5 Tainan City Industrial Digital Transformation Application Guidance Program

Through the recruitment of "service providers" offering diverse digital transformation solutions, combined with professional consulting and guidance, the city assists local enterprises in accurately accessing digital technology resources, reducing the cost of resource acquisition, promoting innovation in industry models, and upgrading operational capabilities. This supports continuous advancement toward higher value and intelligent development. In 2024, consultation and guidance services were provided to 88 enterprises, and subsidies were granted to 10 enterprises for the procurement of digital transformation solutions, effectively integrating digital technologies into their production and sales operations. Additionally, four digital transformation promotion events were held, inviting experts and successful case enterprises to share their experiences, thereby encouraging more local businesses to engage in transformation efforts and strengthening overall competitiveness.

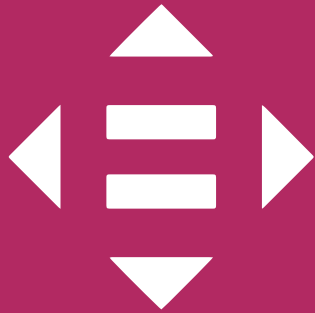


Digital Transformation Promotion Event

9.6 Tainan City Urban Planning Industrial Zone Renewal and Vertical Development 2.0

To accelerate private investment development and industrial growth, as well as to support the upgrading and transformation of existing urban planning industrial zones, the city aims to reduce the development impact and environmental footprint of industrial zones while promoting the creation of added industrial value. Following the Executive Yuan's "Industrial Zone Renewal and Vertical Development Plan," the city enhances floor area ratios, implements floor area bonuses, and raises the maximum limits for total floor area bonuses. These measures provide the necessary space for innovative industrial development, improve the utilization efficiency of industrial zones and specialized industrial areas, guide enterprises in energy management, stimulate new investments, and promote industrial upgrading and transformation, thereby boosting overall domestic investment momentum.

SDG 10 Reduced Inequalities



Reduce inequality within and among countries

Taiwan is a multicultural society. To foster mutual acceptance and appreciation of cultural differences among various groups, while supporting migrant populations, equal rights for indigenous peoples and residents of remote areas are also emphasized. The Tainan City Government strives to create a culturally equitable living environment and pursues effective and equitable resource allocation. This ensures equal opportunities for all individuals and prevents resource duplication that could reduce effectiveness, avoiding disparities based on identity, age, gender, location, ethnicity, or physical and mental disabilities.

10.1 Mobile Medical Services

To care for the health of residents in remote areas and address local medical service shortages, efforts have been made to increase accessibility and improve the quality of medical services. Mobile medical services are provided in these remote regions, and health centers are encouraged to apply for the "National Health Insurance Program for Improving Medical Resource Shortages in Western Medicine." In 2024, mobile medical services continued to be offered to health centers in remote areas, ensuring balanced medical resources and enabling residents in rural communities to receive effective, safe, and high-quality medical care.

10.2 A Vibrant Tapestry of Arts and Culture in Full Bloom

To deepen local language education, Tainan City annually plans themed activities for the three major language groups: Hokkien, Hakka, and Indigenous languages. These themes encompass folk culture, music, dance, and traditional crafts. Language and cultural experts, along with performance groups, are invited to participate, enriching students' cultural experiences through professional presentations and enhancing the authenticity and diversity of language learning. Each academic year, a series of cultural events is organized to ensure that students in all 37 districts' elementary and junior high schools can participate progressively by grade level. These 1- to 2-hour sessions are conducted on campus, balancing teaching and promotion, allowing students to experience the charm of local language cultures within the classroom.



Tainan City 2024 Indigenous Cultural Train Program

10.3 New Immigrant Learning Center

Tainan City has established New Immigrant Learning Centers at Da-Gang Elementary School in the North District and Gongcheng Elementary School in the Xinying District. The goal is to revitalize campus spaces and provide new immigrants and their families with convenient opportunities to participate in learning and integrate into local culture and society. The curriculum covers seven key areas: language learning, family education, humanities and local culture, legal knowledge, and diverse empowerment. It also incorporates important topics such as gender equality, life education, human rights education, information literacy, consumer protection, and anti-drug education. These are promoted through courses, awareness campaigns, and activities to help new immigrant families build life skills and cultural identity, fostering a socially inclusive environment.



New Immigrant Learning Center Cultural Artifacts Exhibition



2024 Art into the Districts Festival

10.4 Multicultural Arts and Cultural Equity

In 2011, following the merger of counties and cities, the Tainan City Government initiated the "Art into the Districts" program to promote cultural equity at the local level. Collaborating with district offices, the program brings performing arts to various areas of Tainan through outdoor theater performances. This allows residents to experience theater up close and fosters the appreciation of art as part of everyday life. This year marks the 14th anniversary of the program.

In 2024, the "Art into the Districts" program ran from September 21 to November 23 across Tainan City, featuring 13 large-scale outdoor performances by 11 prominent domestic performing groups. A total of 7,868 attendees participated in events spanning musicals, dramas (including children's theater), traditional opera, and circus arts, offering citizens a diverse and vibrant autumn performing arts festival.





2024 Echoes of Heritage – Voices of Indigenous Harmony Cultural Festival & Ethnic Music Concert

10.5 Cultural Diversity of Ethnic Groups

Tainan City continues to promote the cultural heritage and multicultural exchange of the Plains Indigenous and Indigenous peoples. In 2024, through subsidies and the organization of multiple events, the city deepened cultural identity and participation. This included funding 14 community-led Plains Indigenous night festivals and cultural activities, such as the Night Festival and Sea Howling Festival in Jiali and Dongshan Kabua Sua, supporting language preservation and sustainable community development. Additionally, on August 10 of the same year, the "Indigenous Peoples Day – Mountain Delicacies Makapahay" event was held in Yongkang, attracting approximately 500 participants.

On November 30, 2024, the "Voices of Indigenous Harmony Cultural Festival" was held at the Soulangh Cultural Park, combining concerts, cultural performances, markets, and lectures, with an attendance of 780 people. The "Austronesian Cultural Festival" took place at the Taiwan History Museum, attracting over 12,000 participants. Additionally, the "Tribal Language Singing and Playing" early childhood education program engaged 360 children across eight kindergartens, fostering multicultural roots from an early age and comprehensively promoting the inheritance and revitalization of ethnic cultures.

10.6 Supporting the Economic Development of Indigenous Enterprises

Tainan City, through inter-agency and local resource collaboration, has partnered with the Financial Supervisory Commission, credit unions, cultural health stations, universities, and churches to conduct financial literacy campaigns for Indigenous peoples. These initiatives promote sound financial management concepts, fraud prevention knowledge, and digital literacy, while facilitating the effective use of loan resources.

In 2024, a total of six themed film promotion sessions were held, attracting 164 participants. Additionally, three financial literacy events were conducted at schools and cultural health stations, with 92 attendees, along with two Indigenous entrepreneurship workshops and discussion forums—including business management and startup counseling courses—engaging 48 participants.

In 2024, 32 loans were approved totaling NT\$13.39 million, including 5 business loans amounting to NT\$7.05 million, 6 production-use loans totaling NT\$2 million, and 21 consumer loans totaling NT\$4.34 million. Additionally, 180 loan consultations and overdue account visits were conducted, with 5 overdue accounts reaching installment agreements, reducing overdue amounts by NT\$537,609. Furthermore, 305 telephone surveys and data updates were completed for companies established by Indigenous individuals, and 800 promotional materials were produced and distributed. These efforts enhanced the effectiveness of financial service promotion and supported Indigenous peoples in improving financial literacy and economic self-reliance.



Artisan Workshop – The Modern Charm of Traditional Crafts

10.7 Sunny Day Dream Workshop

To promote independent living for persons with disabilities and disadvantaged groups in Tainan City and enhance the visibility of their handicraft products, an information platform has been established alongside related activities and marketing promotion plans. These initiatives encourage disadvantaged individuals to showcase their creative works and establish barrier-free demonstration sites to expand employment opportunities for local disability groups and vocational trainees, thereby supporting self-employment income. The "Sunny Day Dream Workshop" serves as a platform for persons with disabilities and specific groups in Tainan to display their handicraft creations. Leveraging the limitless reach of the internet, it enables participants to showcase their skills without being constrained by time or location. In 2024, a total of 30 hours of professional vocational training courses were conducted.



Even E-commerce Beginners Can Take Beautiful Photos with a Smartphone



Cultural and Creative Product Design and Development

10.8 Enhancing the Service Capacity of Rehabilitation Buses

In line with Mayor Huang Wei-Che's "Smart Governance" policy to serve more persons with disabilities, Tainan City's Social Affairs Bureau has coordinated the inclusion of universal taxis and long-term care transportation services to assist residents who cannot secure reservations during peak hours. The city also launched an official Line@ account under the Digital Industry Agency's "Smart Urban and Rural Life Application Promotion Program," facilitating convenient vehicle booking and real-time tracking. Currently, Tainan operates 155 small and 1 medium-sized rehabilitation buses. In 2024, plans are underway to replace aging rehabilitation buses over 10 years old through private donations and subsidies to ensure passenger safety. That year, small rehabilitation buses provided 315,712 trips, serving 576,803 passengers (including companions). To increase service capacity, those on waiting lists are referred to universal taxis, long-term care transport, and accessible public bus services.

10.9 Women and Children Safety Awareness Campaign (Reducing Domestic Violence and Sexual Assault)

The Tainan City Government, to protect the safety of women and children, promotes concepts and principles such as establishing gender-equal relationships, assisting victims in applying for protection orders, preventing online dating traps, and combining investigation with protection. These efforts extend deeply into schools at all levels, communities, government agencies, and organizations—including care institutions and groups for persons with disabilities. The government conducts awareness campaigns on preventing domestic violence, sexual assault, sexual harassment, child protection, stalking, and child sexual exploitation. These initiatives aim to prevent such incidents, reduce the risk of victimization, and fully safeguard the physical and mental well-being of gender-vulnerable groups and all citizens.



Women and Children Safety and Crime Prevention Awareness Campaign

10.10 Yellow Taxi Bus

The Tainan City Government, aiming to address issues such as population aging and scattered transportation demands in rural areas, has introduced a demand-responsive concept to launch the innovative "Yellow Taxi Bus." This service operates rural bus routes using taxis, providing more flexible, convenient, and affordable shuttle services. Residents can make reservations for rides within a 1-kilometer radius of bus stops at any time, with particular consideration for the transportation needs of the elderly.

The Tainan City Government has integrated academic recommendations and local public opinion by combining bus and taxi capacities. Citizens using social welfare cards are entitled to free rides. Service information is linked to the official website and mobile app, providing dynamic inquiries and estimated arrival times. Additionally, in cooperation with the National Health

Insurance Administration, a mobile medical transport service has been introduced to realize the integration of transportation and care resources.

Since its launch, the Yellow Taxi Bus service has expanded to cover 27 administrative districts with a total of 42 routes, serving over 300,000 passengers to date. It has successfully improved transportation conditions for students and elderly residents, stimulated local industry and tourism development, and received recognition through the "2021 Taiwan Healthy Cities and Age-Friendly Cities Award" and the 2022 5th Government Service Award. The service has been widely praised by the public and has injected new vitality into previously quiet rural areas, achieving the positive effect of "caring with love and balancing urban and rural development".



Yellow Taxi Bus Route Map



Yellow Taxi Bus (left) and Bus Stop Sign (right)

10.11 Healthcare and Eugenic Care Services Measures for New Immigrants and Indigenous Peoples

The Tainan City Government has trained new immigrant interpreters to assist health centers across various districts in implementing policies for new immigrants. These interpreters convey health knowledge related to maternal and child healthcare, mental health promotion, and disease prevention to a broader new immigrant population, serving as multi-cultural advocates in public health. As of 2024, a total of 97 maternal and child healthcare interpreters have been trained, representing original nationalities including Vietnam, Indonesia, Cambodia, Thailand, Myanmar, Malaysia, and the Philippines. In 2024, some of these interpreters were also trained as dementia-friendly story moms and have conducted Vietnamese-language dementia-friendly picture book storytelling sessions at Gongcheng Elementary School in Xinying District.

Additionally, the interpreters assist new immigrant families with home safety improvements during counseling visits, helping young children grow up in safer environments. Furthermore, in alignment with central government policies, subsidies for maternal and child healthcare measures are continuously provided each year to support the healthy development of every new life throughout pregnancy.



New immigrant trainees who have passed the basic training course for maternal and child health interpreter certification

10.12 Transportation Subsidy for Medical Visits of Disadvantaged Psychiatric Patients

The recovery journey for individuals with mental illnesses is long and challenging, requiring not only medication to stabilize their condition but also continuous psycho-social rehabilitation and supportive companionship. To ensure that vulnerable mental health patients can receive treatment with peace of mind, Tainan City has implemented the "Transportation Subsidy Program for Vulnerable Mental Health Patients." This program helps alleviate transportation costs, encouraging patients to attend regular follow-up appointments, thereby enabling better control of their condition. Through rehabilitation training, it also supports their reintegration into the workforce and community life.



Conduct community home visits and assist with applying for medical transportation subsidies

10.13 Financial Assistance for Economically Disadvantaged Students

Textbook Subsidies for Children and Adolescents

To support and care for disadvantaged students, textbook fee waivers are provided to prioritize assistance for vulnerable groups and enhance their social competitiveness. This measure ensures that children from disadvantaged families receive quality educational support. Through these subsidies, families can alleviate concerns about tuition costs, enabling their children to access better education. In 2024, a total of NT\$30,291,631 was allocated for this purpose.

Lunch Fee Subsidy for Economically Disadvantaged Students

To ensure the physical and mental well-being of students and prevent financial difficulties related to family circumstances from affecting their ability to attend school with peace of mind, the city has implemented subsidies for school lunch fees. Prior to each semester, schools receive official notices detailing the application procedures for these subsidies. Additionally, the city actively promotes the program during public meetings with principals, directors, and nutritionists.

Statistics show that in the second semester of the 2023 academic year, lunch fee subsidies were provided to 12,678 economically disadvantaged students, totaling NT\$45,879,707. In the first semester of the 2024 academic year, 11,988 students received subsidies amounting to NT\$46,741,333. During the 2024 winter and summer vacations, subsidies covered 3,531 students, totaling NT\$4,517,553.

10.14 Safeguarding the Economic Security of Vulnerable Elderly

Tainan City has established the "Low- and Middle-Income Elderly Living Allowance" program to support economically disadvantaged seniors. Eligible residents aged 65 and above who are registered in the city receive a monthly living allowance ranging from NT\$4,164 to NT\$8,329, aimed at alleviating their financial burden and meeting basic living needs. This initiative demonstrates the city's care and support for its elderly population and promotes the development of an age-friendly city, enabling seniors to live comfortably and worry-free. In 2024, a total of 218,774 allowances were disbursed.

SDG 11 Sustainable Cities and Communities



Make cities and human settlements inclusive, safe, resilient and sustainable

Tainan City promotes urban development under the philosophy of "Think Globally, Act Locally," with core principles centered on "low-carbon living" and "sustainable management." The city actively safeguards air quality and creates an environment with clean soil and water while popularizing solar photovoltaic energy. These efforts aim to achieve the sustainable governance vision of "environmental sustainability" and encourage collective participation in building a low-carbon, sustainable Greater Tainan.

11.1 Park Area

Tainan City is committed to enhancing the quality of life for residents across all districts and improving the urban living environment by developing parks and green spaces. In alignment with local cultural and natural characteristics, the city has revitalized regional-themed parks. This initiative has not only doubled the green space area but also added recreational environments, playgrounds, and fitness facilities to accommodate activities for all age groups—elderly, adults, and children. The construction of parks and distinctive playgrounds elevates living standards by providing large, contiguous green areas that integrate with diverse urban arts and cultural activities. These spaces preserve opportunities for exercise and relaxation, foster a closer connection between the city and its residents, and eliminate previous feelings of invisibility and alienation. As of 2024, the total park area in Tainan has reached 847 hectares.

Community Park Improvement

11.2 Number of Trees Planted

The cityscape greening efforts have increased urban greenery by enhancing the planting and maintenance of vegetation along both ends of city roads. This provides road users with a comfortable environment and supports the development of Tainan tourism industry.



Tree Planting along Urban and Provincial Roads

11.3 Passenger Capacity of Public Transportation Vehicles

Tainan City's bus services are operated by six companies: Tainan Bus, Shing Nan Bus, Singing Bus, Han-cheng Bus, UBus, and Geya Bus Transportation Co., Ltd. Under the city bus brand "Tainan City Bus," since 2013, the city has promoted the "Bus Rapid Transit" plan, adopting a trunk and feeder line system. This initiative has significantly reformed bus routes, schedules, and both software and hardware facilities, ensuring comprehensive bus coverage complemented by Taiwan Railways routes. The goal is to establish a backbone public transportation system within a 30-minute living circle.

Currently, there are 151 bus routes in total, including 14 urban bus lines, 6 community bus lines, 3 neighborhood bus lines, 6 trunk bus lines, 113 feeder bus lines (of which 42 are "Yellow Taxi Bus" routes), 1 high-speed rail express bus, 7 sightseeing bus routes, and 1 double-decker bus route. In recent years, the city has supported bus operators in replacing 116 electric coaches and upgrading infrastructure with 777 new bus shelters, 331 smart bus stops, 27 LED displays at transfer stations, 128 dynamic LED displays through cross-industry partnerships, 131 solar-powered electronic paper bus stops, and 3,713 new-style bus stop signs. These improvements have led to a substantial increase in ridership, reaching 15.94 million passenger trips in 2024.



Enhancing Electrification Services of Public Transportation Vehicles

11.4 Promoting Tainan City Public Bicycle System

Tainan City has responded to the growing demand for public bicycles at transportation hubs, schools, and tourist attractions across its districts by promoting cycling as a short-distance shuttle mode. Leveraging the city’s public transportation system and bicycle path network alongside bike rental stations, the city encourages the use of low-pollution, low-energy public bicycles to reduce and shift private motor vehicle ownership and use. This initiative aims to alleviate urban traffic congestion, reduce environmental pollution and energy consumption, and complete the "last mile" of public transit, thereby lowering private vehicle use and promoting energy conservation and carbon reduction.

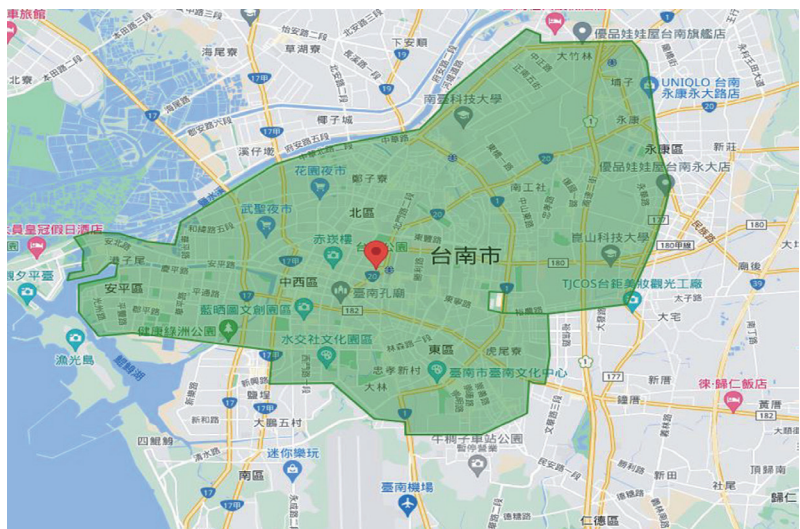
On February 23, 2023, Tainan transitioned to the YouBike 2.0 system, expanding service scale beyond the original plan of 500 stations and 5,000 bicycles by the end of February 2025. This goal was achieved early, with 538 stations and 5,150 bicycles in operation by 2024, serving a cumulative total of approximately 10.797 million rides. The city continues to add stations to broaden coverage, providing convenient public bicycle services for residents and tourists alike to meet last-mile transit needs and further reduce reliance on private vehicles



YouBike2.0

11.5 Service Coverage Area of Shared Green Transportation Vehicles

Recently, shared green transportation modes, such as bicycles and electric scooters, have become increasingly popular and widespread worldwide. To reduce private vehicle ownership, these shared green transport options aim to offer the public flexible mobility choices, promote multiple users per vehicle to alleviate parking demand, and address gaps in public transportation while achieving energy-saving and carbon reduction goals. The city introduced private shared electric scooter services in October 2019. As of



Service Coverage Area of Shared Green Transportation Vehicles

2024, there are three shared electric scooter operators in the city: iRent, GOSHARE, and WEMO.

To effectively regulate operators' business activities and maintain the city's traffic environment, the "Tainan City Shared Bicycle Management Autonomous Regulation" was enacted on March 22, 2019. This regulation governs the operation of shared bicycles in the city and requires operators to provide dedicated parking spaces for shared bicycles, with the service area for shared green transportation gradually expanding. Additionally, on November 24, 2021, the "Tainan City Shared Motor Vehicle Management Autonomous Regulation" was established to regulate the operations of shared motor vehicle (scooter) service providers within the city.

Tainan City, endowed with abundant tourism resources including historical buildings, monuments, temples, local festivals, cultural landscapes, natural ecology, specialty agricultural products, local cuisine, and shopping districts, continues to actively promote the development of related tourist attractions. In addition to shared electric scooters, the city also provides green shared transportation services through public bicycles. Since February 2023, the public bicycle service has been upgraded to the YouBike 2.0 system. By the end of 2024, a total of 538 stations have been established across 37 administrative districts, covering a combined service area of 105.6 square kilometers together with shared electric scooter operators.

11.6 Full Electrification of Buses

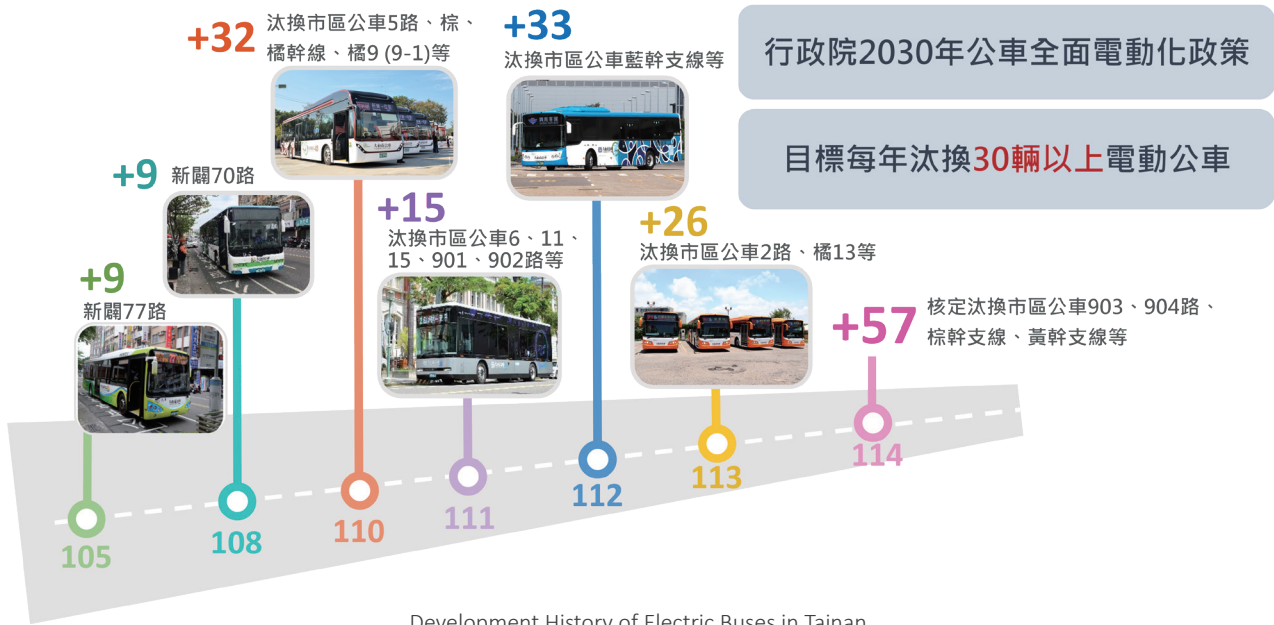
To encourage the public to use mass transit and reduce reliance on private vehicles, the city government has been promoting the "Mass Rapid Transit-Oriented Public Transportation System" policy since 2012. This policy involves restructuring existing bus routes and schedules, as well as encouraging bus operators to replace old buses with new low-floor buses, thereby improving the quality of public transportation and attracting more passengers.

In recent years, the electrification of transportation has increasingly become a key trend in carbon reduction. The Executive Yuan has taken the lead in setting the policy goal of fully electrifying public transit buses by 2030. Since 2019, the city government has been promoting an electric bus development plan, gradually replacing urban and trunk bus routes with electric low-floor buses at a target rate of at least 30 vehicles per year. It is anticipated that by 2030, all buses will be replaced with electric low-floor models, continuously fostering a higher-quality, more friendly, and sustainable public transportation environment in Tainan City.

In 2022, a total of 56 electric buses approved by the central government were fully deployed in 2024, bringing the city's total number of electric buses to 116, accounting for 26.54% of all buses. In 2024, another 57 electric buses approved by the central government are currently under production and are expected to be gradually put into operation by the end of 2025. Upon completion, the total number of electric buses in the city will reach 173, increasing the proportion of electric buses to 35%.



Electric Buses Launched in the Year 2024



11.7 Extensive Installation of Smart Parking Spaces

Tainan City pioneered the nationwide implementation of the "Smart On-Street Parking Payment System" through a BOT (Build-Operate-Transfer) model, gradually launched since 2019. The system employs advanced digital technologies including millimeter-wave radar, Internet of Things (IoT), and AI-based license plate recognition. It is the first to enable on-site payment via electronic tickets and supports multiple payment methods. Simultaneously, numerous geomagnetic sensors have been installed to establish the "Smart Parking Cloud Data Center," integrating various parking information. Through the "Tainan Parking" app, the public can access real-time parking information, parking guidance, vacancy predictions, and online payment functions. Additionally, a CMS provides on-site parking guidance services. This comprehensive smart parking service has received high public recognition for its convenience and efficiency.

In 2022, Tainan City became the first in the nation to integrate on-street parking with charging stations and information display services, meeting the public's demand for convenient curbside charging. By 2024, the smart on-street parking system achieved full coverage, with 4,000 spaces equipped with the smart parking payment system and 11,000 spaces fitted with geomagnetic sensors, ranking first nationwide.



On-Street Parking Integrated with Charging

The automated ticketing of the smart parking payment system has significantly reduced error rates. In 2024, areas using the smart system recorded an 80.4% higher turnover rate and an 81.6% higher utilization rate compared to manually ticketed zones. The system also offers on-site parking information confirmation and payment services, with automatic ticketing replacing manual ticketing for 40% of on-site parking payments. Over the past three years, this has saved 10.34 million paper tickets, reducing CO2 emissions by 12.26 tons.

Real-time information disclosure has shortened the average time spent searching for parking by approximately 4 to 6 minutes, cutting CO2 emissions from circling vehicles by 993 tons over three years. Additionally, diversified payment methods have replaced convenience store and cash payments, saving 20.92 million receipts and reducing CO2 emissions by 26.1 tons during the same period.



Information Shared Pole Services

11.8 Taiwan Tourist Shuttle

The Taiwan Tourist Shuttle is a bus service specifically designed for tourism and aimed at promoting low-carbon travel in Tainan. It features four routes: the "88 Fucheng City Loop," which connects historic sites such as the Confucius Temple, Hayashi Department Store, Chihkan Tower, and Shennong Street; the ecology-focused "99 Anping Taijiang Line," passing Anping Fort, the Taijiang National Park Administration, and Cigu Salt Mountain; the "Dongshan Coffee

Line," a mountain foothill tour linking Guanziling Scenic Area and Dongshan Coffee Highway; and the "Meiling Line," offering scenic mountain and river views while connecting Tainan Yujing, LuTauYang, and Meiling Scenic Area. These routes provide visitors with convenient access to local attractions and authentic cuisine through efficient shuttle services, while continuously promoting low-carbon travel to encourage tourists to explore Tainan's popular destinations and reduce carbon emissions.



Explore with Taiwan Tourist Shuttle's Four Routes

11.9 Newly Planted Afforestation Area

To slow the rise of atmospheric carbon dioxide and increase carbon sequestration, as well as to enhance water conservation and biodiversity functions in afforested areas, the city actively cooperates with the Forestry Bureau of the Council of Agriculture in promoting the new "Sustainable and Diversified Forestry Assistance Program." This program provides diversified support to forest farmers who have participated in rewarded afforestation for 20 years. Beyond the production of above-ground forest products, it includes diversified forest industries such as forest recreation, therapy, and understory economy. Additionally, encouraged by the Council of Agriculture, forestry operators are urged to use more domestic timber; seedlings are provided free of charge, and annual afforestation rewards are granted to forest farmers, increasing incentives for those interested in afforestation. The city's lowland afforestation plan continues with nurturing efforts, planting 3.23 hectares newly in 2024 (accumulating 11.23 hectares), aiming to exceed 10 hectares of new afforestation by 2030. This effort will fill Tainan with greenery, protect the earth's ecological environment, and create a better future.



Afforestation and Tree Planting in the Year 2024

11.10 Air Quality Index (AQI)

Air pollution is a significant public concern in society. Due to the city's topography and meteorological conditions, atmospheric dispersion is poor during the autumn and winter seasons, resulting in frequent declines in air quality. In response, the city established the "Clear Sky Particulate Matter Reduction and Control Plan" to manage air quality. Through the coordinated efforts of 21 municipal departments, targeted control strategies have been enhanced for stationary, fugitive, and mobile pollution sources, achieving significant improvements. For stationary sources, consultations with 18 large factories emitting VOCs and NOx have ensured compliance with Best Available Control Technology (BACT), with an expected reduction of 335 tons of VOCs and 103 tons of NOx over the next four years. In 2024, three improvement projects were completed, reducing VOC emissions by 89.512 tons. Regarding fugitive source management, construction sites have introduced monitoring-linked sprinkler systems and intelligent AI pollution identification systems, effectively reducing dust pollution. For mobile sources, subsidies for replacing old scooters have been continuously provided for several years. The city's proportion of blue-sky days (AQI < 101) has exceeded 90% for three consecutive years, reaching a historic high of 91.8% in 2024. Pollutant concentration improvements include a 27.3% reduction in the annual average PM₁₀ concentration to 35.4 µg/m³ compared to 2019, a 20.8% decrease in average PM_{2.5} concentration to 17.6 µg/m³, and a nearly 9.1% improvement in the 8-hour ozone concentration.



Blue Sky Day Ratio in Tainan City in 2024

11.11 Reduction Rate of Soil and Groundwater Pollution Sites

With the rapid economic development, various environmental pollutants have emerged, with soil and groundwater serving as the ultimate receptors and accumulation sites for these contaminants. For sites under regulatory control with long-term pollution remediation efforts, the city regularly reviews progress through the Soil and Groundwater Pollution Site Improvement Task Force. This task force, composed of professionals from multiple disciplines, assists in supervising remediation activities to enhance the feasibility and effectiveness of site pollution management. To restore contaminated sites to their normal use, the city has identified 19 stalled agricultural land sites that have shown little improvement since their designation in 2007. Among these, nine highly polluted sites have been managed through measures such as fencing, covering with geotextiles, and vegetation restoration, completing risk control over 0.74 hectares. Management results have been transferred to land stakeholders to support their fulfillment of management responsibilities. Of the remaining ten sites, four are managed by the Water Resources Agency, with ongoing coordination for remediation, while six involve buildings and have been reported for further investigation and pollution verification based on survey findings. In line with the Ministry of Environment’s expanded remediation policies, the city has applied for the “Tainan City Accelerated Risk Management and Remediation Promotion Plan for Soil and Groundwater Sites,” continuing to identify risk sites and enforce management, advancing toward pollution remediation and site delisting goals.



Supplementary Investigation and Installation of New Groundwater Monitoring Wells



Accelerate Improvement of Sites – Consultation Meeting with Stakeholders of State-Owned Land



Tainan City Centralized Joss Paper Burning and Merit-Based Offering Thanksgiving and Blessing Ceremony

11.12 Merit-Based Offerings and Centralized Collection and Transport of Joss Paper

The traditional folk practice of burning joss paper has been passed down for thousands of years and is deeply intertwined with people's lives. It cannot be changed overnight or through strict enforcement alone. To balance folk beliefs with public health and quality of life, Tainan City has introduced gentle incentives to gradually guide residents in reducing joss paper burning. The city's two main policies for joss paper reduction are "Merit Donation in Place of Burning" and "Centralized Joss Paper Burning." The "Merit Donation" program encourages residents to redirect part or all of their usual joss paper spending to charitable donations supporting vulnerable groups, thereby accumulating merit and blessings in a similar way. "Centralized Joss Paper Burning" serves as an important transitional measure during the reduction campaign, offering an environmentally friendly and culturally sensitive compromise. Tainan has established two dedicated "Pure and Complete Joss Paper Furnaces," each capable of incinerating up to 20.4 tons daily, alleviating public concerns about mixing joss paper with other waste and encouraging participation. This approach replaces merit accumulation through burning with merit gained by helping others through charity, providing spiritual comfort during worship. The amount donated through the Merit Donation program in Tainan has steadily increased, reaching approximately NT\$3.916 million in 2024, a historical high. If each person burns one 100-NT-dollar joss paper set weighing 2.2 kilograms, this reduction equates to cutting 86 tons of carbon emissions. Meanwhile, centralized joss paper burning reached 1,989 tons in 2024, also the highest recorded amount.

11.13 Community Environmental Revitalization Sites

Tainan City continuously advances its urban development toward becoming a more livable city by enhancing the quality of urban life with the mindset of "global thinking, local action." The city positions itself as a sustainable urban center embodying the roles of "Cultural Capital," "Tourism Paradise," "New Technology City," and "Low-Carbon City." Through environmental greening, integration of landscape art, and community participation workshops and activities, Tainan improves both urban and rural landscapes while providing open spaces for public recreation and events. In alignment with the National Land Agency's "Urban Style and Regeneration Environment Creation Plan," Tainan has implemented the "Tainan Creative Corner Construction Project," the "Tainan Green Community Empowerment Project," and the "Tainan Good Viewpoint Project." From 2019 to 2024, these initiatives have cumulatively completed 145 community and public environment improvement sites, fostering sustainable urban renewal and community engagement.

The **"Tainan Creative Corner"** project integrates student creativity with community efforts by promoting resident artist residencies, the use of local materials, and simple construction techniques to foster community consensus and environmental beautification. Initiated in 2011, the project emphasizes energy conservation, carbon reduction, environmental education, and community-driven landscape creation. It not only enhances living quality but also provides students with practical experience beyond theory, cultivating future talent for local development and creating livable communities with distinct local characteristics.

"Green Community Empowerment" project centers on a "people-first" approach, cultivating community planners through foundational training courses to unite local forces in collaboratively addressing community issues. It promotes bottom-up environmental and spatial development, ensuring resources align closely with community needs. The program emphasizes site design and the connection between people and place to create high-quality, sustainable living environments, advancing the goal of sustainable local communities.

The **"Good Viewpoint Project"** revitalizes idle spaces through landscape transformation and environmental aesthetics, converting them into open areas that serve multiple functions such as school commuting paths, walking trails, resting spots, and social interaction venues. Proposals are submitted by district offices and schools, reviewed by experts, and then proceed to design and construction phases. The project includes completion and routine maintenance assessment mechanisms to ensure long-term usability and quality of these spaces.



2024 Tainan Creative Corner Competition –
Gongguan Community, Zuozhen District



Wenhe Good Viewpoint –
Wenhe Experimental Elementary School, Guanmiao District

11.14 Green Natural Burial

Since the merger of the county and city, Tainan City has been actively promoting environmentally friendly natural burials. In 2014, the Danei Life Memorial Park was established, and by the end of 2024, a total of 5,834 ancestors had been interred there. To continue promoting and creating a high-quality funeral environment, approximately 0.7 hectares of land within the Zhongzhou Demonstration Cemetery in Rende District was designated as the Tainan City Rende Life Memorial Park Environmental Burial Area. The park features a leaf-shaped design, creating an urban park atmosphere and offering citizens an alternative choice. Since its official opening on June 29, 2021, a total of 4,042 ancestors have been interred in this area.

In 2024, the Tainan City Government Civil Affairs Bureau continued its subsidy program for sea burial ash scattering. Under this program, a subsidy of NT\$15,000 is provided for each deceased individual whose ashes are scattered at sea, assisting with funeral arrangements and vessel rental. Since 2022, the number of beneficiaries has consistently exceeded 20 annually, representing a significant increase compared to the 1 to 3 cases per year prior to the implementation of the promotion measures.

In 2024, the number of environmentally friendly burials in Tainan City continued to rise, accounting for 10.972% of the total deaths. Both the number of interments and sea burials showed significant increases, indicating growing public acceptance of eco-friendly burial practices. Moving forward, based on the current facilities and service coverage, plans will be developed to establish additional environmental burial parks in appropriate locations to enhance overall capacity and scope, thereby creating a high-quality funeral facility environment and providing comprehensive services.



Danei Eco-friendly Burial Park



Rende Life Memorial Park Eco-friendly Burial Area

11.15 Farmland Reallocation Area Agricultural Waterway and Road Renovation and Improvement

Tainan City's agricultural land consolidation zones span all 23 administrative districts, covering a total area of 57,758 hectares. As a major agricultural city and a key domestic production area for staple economic crops, the agricultural access roads and irrigation channels are vital lifelines supporting agricultural production. However, with the increasing scale of agricultural machinery and rising rural transportation demands, the early field roads and irrigation channels can no longer meet the needs of modern agricultural operations. The Land Administration Bureau is actively promoting the renewal and improvement of agricultural access roads and irrigation channels within these consolidation zones. Agricultural roads are being widened to over 4 meters and surfaced with graded crushed stone, while irrigation and drainage channels are being reconstructed into concrete U-shaped gutters, significantly enhancing the efficiency of roadways and water management facilities.

Over the past six years (2019 to 2024), Tainan City has invested NT\$2.821 billion in improving agricultural access roads and irrigation channels, ranking first nationwide in both investment and achievements. A total of 938.03 kilometers of agricultural roads and 140.34 kilometers of irrigation channels have been repaired, with a combined length equivalent to approximately three highways. The widening of agricultural roads and the enhancement of irrigation channels have not only improved the efficiency of crop transportation and the safety of farmers' travel but also strengthened the connectivity between rural and urban areas. These efforts have promoted agricultural upgrading and rural prosperity, demonstrating Tainan's firm commitment to modernizing its agriculture.



Mayor's Inspection of the Improvement Project on North Road 1-10 Agricultural Road in Yanshui Farmland Reallocation Area

11.16 Agricultural Engineering and Farm Road Improvement

Tainan City continues to advance agricultural engineering and agricultural road improvement projects, actively enhancing rural infrastructure and agricultural production efficiency. In recent years, through various subsidy programs and local matching funds, efforts have been made to strengthen the paving and improvement of agricultural roads, ensuring farmers have more convenient and safer access. Between 2020 and 2024, multiple agricultural road improvement projects totaling several hundred kilometers have been completed. These improvements have significantly enhanced the convenience of agricultural transportation, reduced transportation costs for agricultural products, and effectively improved the quality of life in rural areas. After asphalt paving, the road surfaces have become noticeably smoother, greatly reducing travel discomfort. Moving forward, the city will continue to refine agricultural infrastructure, progressing toward a more comprehensive agricultural transportation network.



Completed Cases of Farm Road Improvement

11.17 Rural Regeneration

Traditional rural communities in Tainan City face challenges such as population aging and a decline in agricultural labor due to the large-scale outflow of young people to urban areas. These issues have led to increased elderly care needs, the abandonment of dilapidated spaces, and the gradual disappearance of traditional culture. To promote sustainable rural development and revitalization, Tainan City has implemented the "Rural Regeneration Plan" targeting the diverse rural communities across the city's mountainous, coastal, and plain areas. Through the "Incubation Leadership Training" program, the plan helps build



Rural Regeneration, Incubation Leadership Training

community consensus and implements improvements in the environment, industry revitalization, ecological conservation, and cultural preservation. The city also supports communities in developing agricultural tourism routes and roadside station hubs to enhance the visibility of agricultural products and stimulate rural economic growth. Additionally, by offering diverse courses and project subsidies, the plan attracts young people to return to their hometowns and engage in innovative rural management. As of 2024, a total of 106 communities have been approved under the Rural Regeneration Plan. Moving forward, the city will continue to deepen guidance and support to realize the vision of sustainable rural development.

11.18 Improve Community Public Spaces and Implement Local Infrastructure Development

Tainan City is committed to enhancing the quality of life for its residents by continuously advancing improvements to public spaces within districts and neighborhoods. In 2024, improvement projects were carried out at three community centers: the Zhengjue Neighborhood Activity Center in the North District, the Asakusa Multifunctional Center in the West Central District, and the Dongguanding Street Activity Center in the Shanhua District. Both the Zhengjue Activity Center and the Asakusa Multifunctional Center had been in use for over 30 years and exhibited safety issues such as concrete spalling, lack of occupancy permits, persistent basement water seepage, cracked beams and columns with corroded reinforcement, and non-compliance with accessibility standards. Following demolition and reconstruction, these centers have been transformed into community gathering spaces and day service centers for persons with disabilities, serving as venues for tourism services, leisure, recreation, local cultural features, and neighborhood social interaction.



Inauguration Ceremony of the Asakusa Multi-Functional Center in West Central District

11.19 Cemetery Relocation and Greening Improvement

To promote effective land use and revitalization, Tainan City coordinates with relevant units through district offices to implement relocation plans based on the actual needs of each area. In 2024, the relocation of graves at the 15th Cemetery in Guiren District and the 21st Cemetery in Baihe District was completed, freeing up space for subsequent construction and overall planning. The Civil Affairs Bureau continues to allocate funds and implement the relocation projects in phases over multiple years. Currently, Tainan has carried out relocation operations in 17 sites across 11 districts, demonstrating the city government's commitment to land revitalization and environmental improvement.



Beautification Results of the Cemetery Relocation in Guiren District

11.20 Community Building and Regional Revitalization

In 2024, the Tainan City Cultural Affairs Bureau approved subsidies for 93 community development projects through an open selection process. These included 35 locally rooted community projects, 22 collaborative co-creation projects, 8 advanced proposals from district offices, 18 general proposals from district offices, and 10 individual community project proposals. Experts and scholars were engaged as assistants to guide and support the implementation and capacity building of family-based community projects. The program encourages participation from key demographic groups including the elderly, children, youth, new residents, and women, thereby promoting the realization of cultural citizenship.



Creating a Welcoming Environment for New Residents in Tainan

SDG 12 Responsible Consumption and Production



Ensure sustainable consumption and production patterns

Tainan City integrates the concept of a circular economy into its consumption and production models, promoting organic agriculture and environmentally friendly farming practices. The city also advances waste reduction at the source and actively encourages recycling and reuse to enhance resource value and repeat utilization. These efforts contribute to building a sustainable, low-carbon urban environment.

12.1 Community Building Sites for Enhancing Environmental and Ecological Awareness and Space Beautification

The Chihkan Friends in Tainan Business District Development Association invited Lin Bingxian, Artistic Director of Zhishan Traditional Arts Studio, to conduct a workshop on cement relief techniques. The workshop combined traditional crafts, sustainable materials, and local cultural characteristics to integrate the beauty of the past with a modern aesthetic, showcasing a style that blends old and new materials. Tainan Dijia life Co., Ltd. prepared the site by constructing bridges and clearing abandoned spaces, using construction scaffolding to create a transitional exhibition space that embodies the concept of a living market. This initiative also launched the "Tainan Daily Beyond the Plan" exhibition.

Beautification of Scaffolded Spaces by Dijia.life Co., Ltd.



12.2 Cultural Heritage Building Materials Bank

In July 2017, with funding support from the Cultural Heritage Administration of the Ministry of Culture, Tainan City took the lead nationwide by establishing the "Tainan City Cultural Heritage Building Materials Bank" to promote the recycling and reuse of old building materials. The initiative was developed through collaboration among industry, government, and academia, establishing donation and application management mechanisms from the outset, and implementing an autonomous on-site reporting system in cooperation with local demolition contractors. Recently, beyond strictly adhering to the core plan of material recycling, the program has gradually explored the possibility of providing materials for non-construction uses. It has also partnered with educational institutions to implement traditional craft learning programs spanning from elementary to vocational high schools, repurposing materials unsuitable for construction into material kits or other usable forms. Since its inception, the Building Materials Bank has seen a steady increase in demand, with 190 applications in 2018 growing cumulatively to 13,850 material reuse applications by 2024.



Tainan City Cultural Heritage Building Materials Bank

12.3 Promotion of Organic (and Sustainable) Agriculture

Faced with fragmented farming environments that are easily affected by adjacent land pollution, ensuring that consumers can access safe and healthy agricultural products is a key issue actively addressed by the city. Organic agriculture and environmentally friendly farming practices adhere to the principles of natural resource recycling and sustainable use, avoiding reliance on synthetic chemicals. By employing resource conservation and ecological balance management, these practices not only produce safe and high-quality agricultural products for consumers but also reduce the environmental impact of agricultural production.



Organic Agriculture Ensures Environmental Sustainability and Food Safety

To accelerate the development of the organic agriculture industry, the city has implemented various incentive and support measures to create an organic-friendly production environment and improve related production facilities. These efforts enhance farmers' production efficiency, reduce the use of chemical pesticides and fertilizers, and stabilize the supply of organic agricultural products. In recent years, active promotion has led to organic and environmentally friendly farming spreading throughout the city, except for the original urban areas of Tainan where no farmland exists. The area of organic (and friendly) agriculture has steadily increased from 420 hectares in 2017 to 1,367 hectares in 2024.

12.4 Green Procurement Rate

To promote the green economy and ensure sustainable consumption and production patterns, the Tainan City Government actively advances green procurement within government agencies. By adopting environmentally friendly and moderate consumption models, priority is given to green products with lower environmental impact, reducing the use of plastics and harmful substances to mitigate environmental pollution. The city government aims to lead by example, achieving a 100% green procurement rate for designated items annually among government agencies. Since 2012, the rate of green procurement for designated items has consistently reached 100%, with procurement expenditures increasing from NT\$257,185,208 in 2020 to NT\$379,053,759 in 2024, thereby supporting green products through concrete actions and achieving environmental protection benefits.

The city has strengthened environmental education and promoted green office practices by implementing five key areas: energy and resource conservation, source reduction, green procurement, environmental beautification, and advocacy. To date, 212 government agencies and 298 schools have participated in these initiatives. The city aims to expand the influence of green office practices and guide enterprises to prioritize purchasing and using eco-labeled products, balancing corporate social responsibility with building an environmentally friendly image. Through the promotion of comprehensive environmental protection policies, the city hopes to encourage collaboration between government and private enterprises in green procurement, creating a win-win outcome for both the economy and the environment, and fostering a net-zero sustainable community for all citizens.

12.5 General Waste Recycling Rate

The city conducts an annual review and comparative analysis of related implementation results to continuously improve resource recycling efforts. It promotes resource recovery across four major sectors: government agencies, communities, schools, and organizations, as well as recyclers. Comprehensive measures have been strengthened, including mandatory garbage classification inspections, pilot programs in two neighborhoods using transparent garbage bags to identify contents, and enforcement against improper disposal of industrial waste into garbage trucks. The city pioneered a pilot program for recycling and exchanging women's underwear and continues to advance waste reduction at the source through initiatives such as plastic reduction demonstration markets, "Bag-to-Bag" collection points, reduction of hospitality supplies, recycling and reuse of e-commerce packaging, second-hand item exchange stations, use of reusable containers for food delivery, and collaboration with private groups on waste reduction activities. Multiple recycling channels have been established, including smart recycling islands, village recycling stations, themed recycling promotion and exchange events, shoe donation drives, and a second-hand furniture restoration center. Incentive programs are also used to increase total resource recovery. In 2024, the general waste recycling rate reached 59.7%.



Promotion of the Women's Underwear Recycling and Exchange Campaign



24-Hour Smart Recycling Station



Treasure Pavilion Second-hand Furniture Restoration Center

12.6 Recycling and Reuse of Business Waste

On May 21, 2024, Tainan City promoted the circular economy by organizing the "Plastic Sustainability Circular Alliance Reuse and Solid Recovered Fuel Promotion Conference" and commissioned experts and scholars to assist five local enterprises in reducing waste liquid at the source. This dual approach focuses on increasing waste reuse and source reduction to advance sustainable resource management.

In 2024, Tainan City reported 1,130,622 metric tons of industrial waste reused, with 344,674 metric tons processed internally by businesses. The self-processing rate increased to 18.9% that year. Self-processing refers to the direct use of non-R category waste within manufacturing processes or for energy recovery, constituting a part of circular reuse. The city's overall recycling rate—combining self-processing and reuse—reached 80.9%. This demonstrates businesses' active participation in autonomous circular models, effectively maximizing resource recycling and minimizing final waste. These efforts not only reduce waste and promote reuse but also lower outsourced treatment costs, enhance corporate image, and achieve sustainable resource utilization goals.



Plastic Sustainability and Circular Economy Alliance Meeting on Reuse and Solid Recovered Fuel Promotion

12.7 Reuse of Wood Waste

In Tainan City, branches trimmed from campus trees, parks, and street trees have traditionally been sent to incinerators or landfills. Considering the limited capacity of the city's incinerators and landfill sites, as well as the fire risks posed by large accumulations of combustible materials, the city established a Wood Material Bank in March 2022 to initiate a wood waste reuse program. This program processes waste branches and wooden furniture by shredding and screening them into fuel for use by boiler operators or cement manufacturers. From 2022 through the end of 2024, the program has recycled a total of 8,406.07 metric tons of wood waste, effectively embodying the spirit of waste resource reutilization.

12.8 Creating a Quality Shopping Environment to Revitalize Business Development

Since 2011, Tainan City has continuously promoted business district development through three main approaches: infrastructure improvement, research and development support, and marketing promotion. The city has focused on optimizing the operating environment of business districts and gradually shifted emphasis toward helping business district organizations establish autonomous management mechanisms. Through diverse guidance and marketing strategies, Tainan's distinctive business districts have been showcased while effectively boosting consumer spending and driving overall industry growth. Currently, 38 business district organizations have been established citywide, actively pursuing innovation and sustainable management. In 2022, seven special projects were implemented, assisting in the establishment of business district associations with subsidies totaling NT\$16.35 million. In 2023, support was provided to 10 business districts, successfully securing nine cloud-era transformation projects and 26 revitalization subsidies, amounting to NT\$13.63 million, along with the creation of four new emerging business districts. In 2024, 27 special projects were promoted with an investment of NT\$4.7 million, while securing 34 revitalization subsidies and two business district aesthetics projects, totaling NT\$26.98 million in subsidies. The city government will continue to drive business district transformation and upgrading to strengthen local economic momentum and foster vibrant development across Tainan's commercial areas.

12.9 Promotion of Environmental and Sustainability-related Certifications and Labels

To promote environmental protection and sustainability certifications, Tainan City actively implements project-based guidance to assist accommodation operators in obtaining certifications such as the Environmental Protection Label, Carbon Label, ISO 14064 Organizational Carbon Inventory, ISO 14067 Product Carbon Footprint, ISO 14001 Environmental Management System, and ISO 50001 Energy Management System. This is done through individualized support to enhance operators' sustainable management capabilities. On May 27, 2024, the city held the "Tainan City 2024 Environmental Label, Eco-friendly Hotel, and GTS Green Travel Label Certification Press Conference," where Mayor Huang Wei-Che personally awarded certificates to certified operators. The event included benchmarking site visits, sharing of best practices, and experience exchanges to encourage more operators to pursue environmental sustainability certifications. These efforts aim to drive green transformation and build a sustainable, low-carbon city.



Recognition for Achieving Environmental Sustainability Certifications and Labels

SDG 13 Climate Action



Take urgent action to combat climate change and its impacts

To mitigate the impacts of climate change—such as global warming, El Niño, and rising sea temperatures—Tainan City not only focuses on disaster mitigation and adaptation but also actively strengthens the city’s and residents’ resilience and recovery capacity. The goal is to minimize the impact of disasters when they occur and shorten the recovery time afterward, thereby reducing the damage caused by climate change and natural disasters.

13.1 Establish Climate Scenarios, Improve Climate Risk Assessment Mechanisms, Implement Adaptation Plans, and Build a Resilient City

In response to the impacts of climate change, Tainan City has followed the provisions of the Climate Change Response Act and referred to the National Climate Change Adaptation Plan to develop its own Climate Change Adaptation Implementation Plan. To establish a clear local adaptation framework, the city convened its first cross-departmental meeting on June 4, 2024, to clarify the responsibilities of central and local authorities, review existing city plans, and confirm the accountable units across various sectors.

To define the key adaptation sectors for the city, on July 29, 2024, the “Tainan City Climate Change Response Promotion Committee – Adaptation and Response Subgroup Meeting” was convened. Through the collection of climate monitoring data and local natural and social background information, the key sectors were identified as “water resources,” “critical infrastructure,” and “land use.” On September 18, 2024, the “1st Tainan City Climate Change Response Promotion Committee 2nd Meeting” was held to review the draft Climate Change Adaptation Implementation Plan for the city (2024–2026). The plan covers three key sectors, four sub-sectors, and one capacity-building sector, comprising a total of 54 adaptation measures. Annual targets were established to facilitate regular monitoring, enabling the rolling adjustment of strategies and objectives, thereby progressively advancing toward the vision of a resilient city.



Meeting Implementation Status

13.2 Total Number of Environmental Volunteers

Environmental protection is closely linked to citizens' daily lives, as various environmental issues directly impact our everyday activities. Relying solely on government manpower and resources to promote environmental protection limits both the scope and effectiveness of such efforts. To safeguard a livable environment, Tainan City actively promotes environmental volunteer services, encouraging more citizens to join the cause and participate in environmental maintenance.

In addition to providing volunteer education and training to enhance volunteers' professional knowledge and service capacity, the city also advances environmental initiatives through public-private partnerships, aiming to build a high-quality and sustainable urban homeland.

As of the end of December 2024, a total of 615 environmental volunteer teams have been established citywide, comprising 26,809 volunteers. These volunteers collectively contribute over 20,000 service attendances per month, cleaning streets totaling more than 20,000 kilometers annually.

To encourage environmental volunteers to complete training and obtain certification, and to implement effective volunteer service management, since 2022, the volunteer teams have adopted video learning and online courses. Starting in 2023, subsidies were further provided to support volunteer teams in organizing their own training sessions, offering volunteers convenient access to nearby training with greater flexibility in time and location. Between 2023 and 2024, a total of 276 training sessions were conducted independently, with 5,173 participants completing the training.

In addition, to recognize the dedication and achievements of environmental volunteers, an annual commendation ceremony for outstanding volunteers is held to enhance their sense of honor and motivate more citizens to engage in environmental protection efforts. In 2023 and 2024, the ceremonies were held at the Rainbow Hymn Cultural and Creative Center, where 24 senior volunteers and 232 outstanding environmental volunteers were honored for their joint efforts in safeguarding the community and fostering a high-quality, sustainable environmental neighborhood.



2024 Tainan City Environmental Excellence Commendation and Award Ceremony

13.3 Medium- and Long-Term Carbon Reduction Targets and Roadmap

On June 1, 2022, the Tainan City Government released the "2050 Tainan Net Zero Pathway," establishing the goals, timeline, and specific content for achieving net zero emissions. Over the next 30 years, Tainan will focus on four key areas to implement carbon reduction: energy transition, low-carbon green transportation, improved energy efficiency in residential and commercial sectors, and circular economy with green lifestyles. Using short-term intervals of 5 to 10 years, the city aims to reduce greenhouse gas emissions by 30% by 2030 compared to the 2005 baseline year, achieve a 65% reduction by 2040, and reach net zero emissions by 2050.

13.4 Promoting Low-Carbon and Sustainable Communities

The Low-Carbon Sustainable Community Certification System is a long-term initiative. In response to global climate change, while government agencies actively formulate policies to build low-carbon cities, it is also essential to foster consensus among citizens. By promoting policies through diverse and creative approaches, the system aims to realize full public participation in creating low-carbon sustainable communities.

The certification is structured from the bottom up across three levels: administrative neighborhoods, administrative districts, and municipalities. It evaluates carbon reduction and carbon sequestration effectiveness across six key areas: ecological greening, green energy and electricity conservation, green transportation, resource recycling, low-carbon lifestyles, and sustainable management.

In 2024, the city added 2 new Silver-level administrative neighborhoods, 20 Bronze-level administrative neighborhoods, and 4 Bronze-level administrative districts.

Guozhai Village, South District (Silver-level Administrative Village) – Guozhai Creative Green Corridor



Ximei Village, Shanhua District (Silver-level Administrative Village) – Huarui Ecological Park



Longshan Village, East District (Bronze-level Administrative Village) – Organizing Secondhand Flea Market Events

13.5 Enhancing the Rate of Drainage System Rehabilitation

To enhance and improve the regional drainage and flood discharge functions within the city and thereby reduce flood damage losses, ongoing efforts are being made to rehabilitate municipal regional drainage systems and small-to-medium drainage channels. This includes strengthening dredging works for regional and small-to-medium drainage as well as managing the city's water conservancy and flood control facilities.

Flood control effectiveness is being improved through integrated flood management projects and resilient flood control measures. The design standard for municipal regional drainage is based on a 10-year return period flood, with the goal of preventing levee overtopping during a 25-year return period flood. Comprehensive water management strategies are implemented in densely populated and major development areas.

Currently, there are a total of 165 designated regional drainage channels covering 655 kilometers, along with existing flood control functions of small-to-medium drainage channels. As of 2024, the citywide rehabilitation rate has reached 65.01%, with a target to increase the regional drainage rehabilitation rate to over 70% by 2030. These efforts aim to promote local economic development, effectively safeguard people's lives and property, and improve the quality of residential life.



Cigu Drainage (left) and Liukuaixiao Drainage (right)

13.6 Strengthening Community Awareness and Self-Preparedness for Debris Flow Disaster Prevention

In recent years, the frequency and intensity of disasters have increased due to global climate change. Adhering to the principle that "disaster prevention is more important than disaster relief, and avoiding disaster is preferable to prevention," proactive evacuation is a crucial disaster management strategy for foreseeable hazards. By conducting evacuation-related training and drills, residents and communities can strengthen their disaster awareness, thereby reducing loss of life and property as well as social insecurity when disasters occur.

Tainan City's implementation strategy includes organizing debris flow disaster briefings, tabletop workshops, and full-scale drills. Participants are divided into groups to simulate scenarios such as command, evacuation, sheltering, and alerting, utilizing disaster prevention maps and historical disaster data for wargaming exercises to enhance community practical experience. The wargaming maps specifically mark information such as protected households, vulnerable populations' residences, shelters, and historical disaster sites, helping participants familiarize themselves with the environment and improve response capabilities.

The drills incorporate compound disasters including earthquakes, landslides, and road or bridge closures, increasing the participation rate of vulnerable groups (such as the elderly, children, and persons with disabilities) to strengthen inclusive disaster prevention.

Simultaneously, a debris flow disaster community support system has been established to assist in updating protected household lists, evacuation plans, and autonomous inspection system operations. During typhoon periods, daily reporting of alert information is conducted to enhance the integration and practical capacity of preparedness and emergency response. Through regular supervision and workshops, the city is progressively building community-centered autonomous disaster resilience.



Management of Debris Flow Community-Based Disaster Prevention Training

13.7 Promoting Community-Based Flood Disaster Self-Prevention

In recent years, rainfall patterns in Taiwan have exhibited increasing extremity due to climate change, with high-intensity and long-duration rainfall events causing floods of greater scale, extent, and impact than previously experienced. Although various flood control projects have been progressively completed and have contributed to mitigating flood damage, the inherent limitations of engineering measures, combined with the increasing uncertainty in the timing, location, and scope of recent flood events, present significant challenges for disaster prevention and relief efforts. This situation underscores the indispensable importance of non-engineering measures such as early warning, notification, and evacuation response.

Since 2012, Tainan City has actively promoted the establishment of flood-autonomous disaster prevention communities. As of 2024, 45 communities have been established. Selection of communities for development is based on a comprehensive assessment of disaster potential, protection targets, and community cooperation. The program includes holding briefings, education and training sessions, disaster drills, and the deployment of equipment such as rain gauges, water level gauges, and walkie-talkies, effectively enhancing community disaster awareness and response capabilities.

In addition to annually adding new communities, ongoing maintenance and operation of existing communities continue, with strengthened education and drills. During typhoon and heavy rain periods, communities proactively activate disaster prevention operations, conduct patrols, and report alerts, demonstrating strong resilience.

The 2024 flood-autonomous disaster prevention community evaluation yielded outstanding results, with 14 communities receiving awards: 4 communities attained the highest "Excellent" rating, 2 received "Outstanding," 7 were rated "Good," and 1 received a Special Contribution Award. Among the Excellent communities were Xiwang Community in Yongkang District, Sanmin Village, Shilin Village in Danei District, and Nanxing Community in Annan District. The Outstanding communities included Yuandian Village in Annan District and Guye Community in Xinying District. The Good communities were Jinhu Community in Beimen District, Zhumen Community in Baihe District, Xinfu Village in Xigang District, Pitou Community in Madou District, Yantian Community in Annan District, Qing'an Village in Xigang District, and Yongming Village in Yongkang District. Guangshan Community in Jiangjun District received the Special Contribution Award.

These achievements demonstrate Tainan City's concrete results in grassroots disaster mobilization and community empowerment, serving as a national model for promoting disaster prevention communities.



Community-Based Disaster Prevention Volunteers

13.8 Evacuation and Shelter Awareness Campaigns

Building on the disaster management strategies of "prevention over relief, and evacuation over prevention" as well as "preventive evacuation," the city conducts evacuation-related training and drills to cultivate disaster awareness among residents and communities. This approach aims to reduce loss of life and property as well as social anxiety when disasters occur. Additionally, to ensure the smooth execution of evacuation operations and prevent gaps caused by personnel changes, regular training is provided to familiarize disaster prevention staff at district offices with their responsibilities. As of 2024, a total of 212 related promotional events have been held, with 35,825 participants. Moving forward, in addition to engaging experienced professional instructors, the city will enhance course design to allow participants to experience realistic disaster scenarios and improve the professional competence of disaster prevention personnel.

13.9 Promoting the Sustainable Campus Program

To establish a progressive, safe, sanitary, healthy, and human-centered learning environment, since 2019, Tainan City has transformed its Sustainable Campus Program into a dual-track approach consisting of the "Pilot Project for Constructing Smart and Climate-Friendly Campuses" and the "Demonstration Project for Sustainable Circular Campus Renovation." Through workshops, briefings, exhibitions, and consensus meetings, the program strengthens teachers' and students' understanding of the campus environment and develops sustainable strategies with local characteristics.

In 2024, two schools in the city—Nan'an Elementary School and Zhuqiao Junior High School—successfully applied for the program. By integrating community awareness, green technology applications, and ecotourism development, these schools are progressively realizing the vision of the campus as a community-centered shared green space, thereby fulfilling the spirit and goals of sustainable campuses.



Nan'an Elementary School – Inviting Satoyama and Satoumi Workshop to Lead Teachers and Students in Creating a Natural Leaf and Branch Compost Garden

13.10 Promoting Resilient Communities

A resilient community refers to one that possesses disaster tolerance and the ability to respond and recover quickly from disasters. Beyond having an environment capable of withstanding disaster impacts, emphasis is placed on rapid response and recovery from such events. Through tabletop exercises and full-scale drills, community members are guided to consider response strategies, establish community disaster prevention and relief organizations, compile inventories of disaster relief equipment and resources, and develop community disaster prevention and relief plans. Training in CPR emergency first aid and basic fire extinguishing is also provided. These efforts empower community residents to become key drivers in building resilient communities, facilitating self-help and mutual assistance during and after disasters, and enabling government resources to be more effectively integrated into the community.

Through the promotion of resilient communities, the cultivation of community members' disaster knowledge, skills, and attitudes is steadily realized. When communities effectively manage autonomous disaster prevention and relief efforts, they possess sufficient disaster awareness and emergency response capabilities when disasters occur. Moreover, mutual cooperation among neighbors enables the community to recover swiftly from disaster impacts, fostering social cohesion and a strong sense of community identity. This approach helps keep residents safe from danger and ensures the efficient utilization of disaster relief resources.



Tainan City Phase 3 Resilient Community Promotion Briefing

13.11 Agricultural Industry Insurance

Due to the severe climate changes caused by global warming, the intensity and frequency of natural disasters have increased, raising the risks to agricultural production. To mitigate losses suffered by farmers from natural disasters and maintain stable income while distributing risk, a pilot agricultural insurance program has been promoted. Currently, Tainan City offers crop insurance for 11 categories: rice, mango, papaya, pomelo, guava, agricultural facilities, beekeeping, banana income, watermelon, sorghum, and citrus. Regarding premium subsidies, the Ministry of Agriculture provides 100% subsidy for basic income-type rice insurance, and 50% subsidy for other categories. The city government subsidizes sorghum insurance premiums at 40%, agricultural facilities at 10%, and other categories at 22.5%.

Since the launch of the income-type rice insurance in 2022, farmer participation has been enthusiastic, with 24,141 policies purchased in 2024. Enrollment for 2025 is currently underway. The city government will continue to coordinate with the Agricultural Food Agency to hold promotional events in production areas, encouraging farmers to actively participate in the insurance program.



2024 Annual Ministry of Agriculture Rice Income Insurance Promotional Brochure

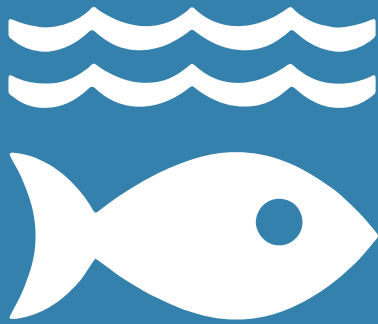
13.12 Implementing Coastal Sandbar and Lagoon Maintenance and Emergency Restoration Projects

Through the application of Nature-based Solutions (NBS) such as sand nourishment, bamboo stakes, and geotextile sandbags, sandbar restoration work was carried out. In 2024, 3.1 hectares of sandbar were rehabilitated, and 30,000 cubic meters of sediment were dredged from the lagoon, effectively mitigating coastal erosion and lagoon landward encroachment. The construction process adopts near-natural methods, replacing traditional concrete with materials like bamboo stakes and geotextile sandbags to dissipate wave and storm surge energy, thereby reducing sandbar erosion. Additionally, the internal protection of the sandbar is enhanced mainly through sand nourishment combined with sand fencing and vegetation restoration, which raises and thickens the sandbar. This approach achieves both disaster prevention and ecological sustainability objectives.



Bamboo Stakes and Sandbag Barriers Against Waves (Left) and Piling with Woven Fences for Vegetation Greening (Right)

SDG 14 Life Below Water



Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Tainan City focuses on marine pollution prevention and the sustainable management of marine and coastal environments. To balance economic development with ecological preservation, the city conducts annual beach cleanup activities and organizes tabletop exercises and drills for emergency response to marine pollution. Additionally, efforts continue in the conservation of wetlands, coastal beaches, and sandbars.

14.1 Wetland Ecology School Outreach Lectures

Focusing on topics such as bee catching and snake handling, bird rescue, watercock conservation, ecosystem and biodiversity maintenance, and wetland preservation, environmental education outreach lectures are conducted in schools. Using an engaging and enjoyable approach, these lectures introduce the rich natural ecological resources and the concept of sustainable development, guiding students to explore the wonders of natural ecosystems. Since 2018, the city has continuously implemented the "Wetland Ecological Environment Education Outreach Lectures for Junior High and Elementary Schools." In 2024, 50 sessions were held with 7,000 participants, helping students understand the characteristics of wetland ecosystems and diverse species, and fostering awareness of marine ecological conservation and sustainable use of marine ecosystems.



Wetland Ecology and Environmental Education Outreach Lectures for Junior High and Elementary Schools in the City

14.2 Harbour Waste Disposal Volume

Tainan City enhances fishermen’s environmental awareness through diverse channels and implements a reward-based abandoned fishing gear recycling program. This initiative encourages fishermen to collect and recycle their own or unclaimed discarded nets within the harbor, reducing the ecological harm caused by ghost nets in the ocean. To assist fishermen in temporarily storing and transporting marine debris such as abandoned fishing nets generated during offshore operations, “Marine Debris Temporary Storage Areas” have been established at Anping, Jiangjun, Qingshan, Beimen, and Keliao fishing ports. These centralized sites facilitate efficient collection and disposal, helping to protect the marine environment and promote sustainable fisheries.

Additionally, the city actively secures funding for marine debris management and pilots recycling and reuse programs for abandoned nets. By sorting and pre-treating the waste, the resource recovery efficiency is improved. In coordination with the central government’s name-based registration policy for gillnets, source management is strengthened to ensure effective marine environmental protection actions.



Anping Harbour Marine Debris Temporary Storage Area

14.3 Wetland Conservation Plan

Wetlands not only provide clean water but also create essential conditions for aquaculture and agriculture, nurturing diverse and abundant ecosystems. They play an irreplaceable role in disaster mitigation and climate change adaptation. In 2024, Tainan City subsidized the Syuejia Wetland Conservation Action Plan, which included ecological restoration projects such as the Crab Viewing Pond, wetland conservation eco-tours, and results symposia. Through these conservation efforts, the goal is to enhance the completeness and richness of the wetland ecosystem. The plan also integrates appropriate recreational activities to encourage the public to engage with nature firsthand and appreciate the wonders of wetlands.



Syuejia Wetland Conservation Leisure Tour Activity

14.4 Management of Movable Oyster Rafts

To prevent pollution caused by discarded oyster farming structures, Tainan City recycled a total of 2,394.07 metric tons of oyster racks in 2024. The recovered oyster racks are processed through crushing, shredding, and pulverizing, and primarily used as fuel for boilers. This approach diversifies and enhances the recycling and reuse channels for oyster farming waste.

14.5 Environmental Fleet

Tainan City has established a River and Marine Pollution Prevention Task Force to create a cross-disciplinary communication platform. The integrated management of river and marine environments has achieved excellent results, earning a top honor. The city continues to recruit diving groups and individuals to form the “Underwater Warriors,” who participate in marine cleanup activities aimed at accelerating the removal of submerged nets and debris. In 2024, a total of 35 groups comprising 174 divers conducted six cleanup events, removing 235.4 kilograms of waste. Additionally, various types of vessels are continuously invited to join the Environmental Fleet. Through their efforts in collecting floating and submerged marine debris, the fleet helps maintain the marine ecological environment. In 2024, the Environmental Fleet comprised a total of 415 vessels.



Photos of the Beautiful Coastline After Oyster Raft Recovery and Cleanup in 2024



Underwater Warriors

▼ Environmental Fleet



14.6 Conducting Marine Environmental Education and Outreach Activities

In response to National Ocean Day, Tainan City held the event “Ocean Water Connects All” on June 2, 2024, at Yuguang Island. The event aligned with the United Nations’ 2024 World Oceans Day theme, “Awaken New Depths,” and featured a variety of interactive challenge stations to raise public awareness of the importance of marine environmental conservation. The program educated participants on reducing marine litter at its source to achieve the goal of protecting the ocean environment. Over 300 participants from various organizations took part, including the Ocean Affairs Council’s Marine Conservation Administration, Tainan City Government’s Department of Education, Tainan Outdoor and Marine Education Center, Tainan City and County Fishermen’s Associations, South District Office, China Medical University of Technology, Far Eastern Department Store, local water environment volunteer teams, and the Underwater Warriors diving group.



World Oceans Day – Marine Environmental Education and Outreach

14.7 Maintenance and Management of Nearshore Fishery Resources

To implement gillnet fishing gear management, Tainan City, in accordance with the “Gillnet Fishery Gear Marking Measures,” promotes gear marking regulations to fishermen, requiring them to mark their vessel numbers on fishing gear and report the location if gear is lost. At the same time, policy outreach meetings are held to raise fishermen’s awareness of marine resource conservation. Between 2022 and 2023, approximately 15,000 kilograms of abandoned nets were successfully recovered. In 2024, efforts to strengthen practical inspections continued, with a total of 203 real-name verification sessions, 12 lost gear reporting and recovery operations, and 4 policy promotion meetings conducted. These measures have effectively advanced fishing gear management and environmental protection. The program will continue in 2025, progressing toward sustainable marine resource use.



Lost Fishing Gear Recovery

14.8 Water Pollution Source Management and Enhanced Inspection Efficiency Plan

To strengthen water pollution control and enforcement effectiveness, Tainan City has promoted water pollution source management. This includes inspection and sampling of industrial zones and regulated enterprises, tracking water pollution complaints, and cracking down on illegal discharges. These efforts have effectively reduced river pollution deterioration, improved water quality, prevented unlawful discharges, and decreased public complaints. In alignment with the Ministry of Environment’s river rehabilitation goals, the city has worked to improve severely polluted river sections to moderate pollution levels, and moderately polluted sections to mild pollution levels. Compared to 2020, in 2024, over 20 additional enterprises or sewage system inspections have been conducted, demonstrating the city government’s ongoing commitment to enhancing pollution prevention measures.

SDG 15 Life on Land



Protect, restore and promote sustainable use of terrestrial ecosystems

Due to its geographical location, Taiwan enjoys a warm climate with abundant rainfall and a forest coverage rate exceeding 60%. This diverse ecological environment nurtures rich animal and plant resources. However, increasing development activities have led to social and environmental changes as well as habitat destruction. Without proper management and protection mechanisms, these pressures result in overexploitation of resources, environmental pollution, species extinction, and ecological imbalance. Tainan City focuses on the conservation and sustainable use of terrestrial ecosystems, sustainable forestry, biodiversity, and invasive species management. The city aims to ensure the preservation of terrestrial ecological diversity while pursuing economic development.

15.1 Biodiversity Conservation Education and Outreach Promotion

Invasive alien species are non-native organisms that threaten or potentially threaten the environment, health, or economic ecology, and are widely recognized as the second greatest threat to global biodiversity after habitat loss. Taiwan currently faces challenges with invasive species. To address this, the city organizes "Invasive Alien Animal Control Workshops" to educate the public on correct concepts and control measures, enhancing awareness of invasive species management.

The Tainan City Government continuously promotes ecological education and conservation, encouraging interested citizens to participate in engaging and educational activities, thereby contributing to environmental protection. In 2024, the city held a total of eight biodiversity conservation education and promotion events, community guided tours, and environmental education family camps, with over 250 participants. These efforts have strengthened public recognition of ecological conservation and advanced the goals of sustainable development for people, land, and ecosystems, while also deepening understanding of local specialty industries.



15.2 Incentive and Support Reforestation Program

In response to the "2050 Taiwan Net Zero, Tainan Together" initiative for carbon reduction and a net-zero friendly Earth, forest carbon sequestration has garnered significant attention. Tainan City continues to promote incentives for afforestation and greening projects, creating diverse and high-quality living and recreational spaces. As of 2024, the cumulative area supported and nurtured through incentivized afforestation programs has reached 66.16 hectares.

Achievements of the Incentive and Support Reforestation Program

15.3 Longqi Natural Landscape

To protect the natural landscape ecology, terrain, landforms, and original environment, Tainan City expresses its firm determination to safeguard the Longqi natural landscape. The Longqi Niupu Badlands were officially designated on July 30, 2021, under the Cultural Heritage Preservation Act, with the establishment and announcement of the "Longqi Nature Reserve" and "Geopark." For conservation and utilization purposes, the Chiayi Branch of the Forestry and Nature Conservation Agency, Ministry of Agriculture, approved the "Preliminary Spatial Planning for the Longqi Natural Landscape in Tainan City" on January 5, 2024. This plan aims to conduct comprehensive spatial planning for the Longqi natural landscape and develop a feasible management model to conserve the unique geology and terrain of the Longqi Niupu Badlands. It will also incorporate environmental education, expand local community participation, and promote regional socio-economic development. The city will uphold four core values—landscape conservation, environmental education, geo-tourism, and community engagement—progressively advancing the planning and establishment of the geopark. In the future, the area will be gradually opened to the public with well-organized management and operations.



The current status of the Longqi Natural Landscape

15.4 Biodiversity Conservation and Invasive Species Management Plan

Taiwan possesses inherent geographical advantages and abundant natural resources. However, invasive alien species, lacking natural predators and reproducing rapidly, pose a serious threat to native species survival and disrupt biodiversity. Tainan City adheres to the “Three No’s” principle: no introduction, no release, and no spread, to minimize the impact of invasive species on Taiwan’s ecosystems. Using an eco-friendly approach, the city coats rice seeds with iron powder to prevent bird damage, increase seed weight, deepen root systems, and stabilize rice plants, thereby enhancing economic benefits. In 2024, iron powder-coated rice seed treatment was completed over an area of 22 hectares.



Iron Powder-Coated Rice Seed Demonstration Area

15.5 Precious Tree Conservation

To enhance tree protection and promote the concept of natural conservation, two ecological conservation training sessions were conducted. These courses focus on practical applications, introducing tree health physiology, environmental management, tree health inspections, and explaining the mechanisms behind tree pest and disease occurrences. Through these trainings, tree managers are better equipped to respond promptly and seek professional assistance when necessary, collaboratively maintaining tree health and environmental safety.



2024 Forestry Pest and Disease Management and Control Workshop

15.6 Domestic Organic Fertilizer Promotion Plan

For a long time, farmers have followed conventional farming practices that heavily rely on chemical fertilizers, resulting in soil acidification, degradation, and the destruction of soil aggregate structure. This has led to problems such as soil compaction, salinization, and fertility decline, which not only reduce agricultural productivity but also severely impact water resources and the ecological environment.

To address these issues, Tainan City actively promotes friendly agricultural policies, advocating the use of domestically produced organic fertilizers made from livestock manure to partially replace chemical fertilizers. This approach increases soil organic matter content, improves soil physical properties and ecological conditions, and promotes healthy crop growth. Livestock manure-based organic fertilizer is not only abundant but also effectively reduces agricultural waste, embodying the 4R principles of Reduce, Reuse, Recycle, and Regeneration. This contributes to the harmonious coexistence of production, livelihood, and ecology.

To encourage the use of domestic organic fertilizers, the city provides subsidies to local farmers for applying livestock manure organic fertilizers, aiming to reduce chemical fertilizer dependence, improve soil conditions, enhance agricultural product quality, and build a safer and more sustainable agricultural production system.

15.7 Agricultural Product Safety and Quality Monitoring and Control Plan

Tainan City strengthens pesticide residue monitoring and control of agricultural products in the fields and collection centers (including sorting, processing, repackaging, and storage) to prevent non-compliant products from entering the market. This ensures the safety and quality of domestically produced agricultural products and protects consumer health. The inspection results are also provided to relevant agencies to support pesticide management and safe pesticide use education, thereby promoting safe agricultural practices.



Pesticide Residue Field Sampling and Testing

15.8 Guidance and Assistance for Self-Defense Epidemic Prevention Work at Livestock, Poultry, and Aquaculture Farms

To strengthen biosecurity and disease prevention capabilities at livestock farms and aquaculture facilities, Tainan City has implemented multiple supportive measures. Regarding avian influenza prevention, the city conducted proactive sampling and monitoring with a total of 9,336 samples collected and completed serological surveillance for livestock with 2,641 samples, effectively tracking disease dynamics. The city also organized 30 livestock disease prevention seminars and 23 poultry disease prevention seminars, totaling 53 sessions, to enhance industry awareness and response capacity.



Serological Monitoring and Sampling for Livestock

In aquaculture, 2,820 aquatic animal disease diagnostic services were provided, alongside 5,609 water quality tests in farming ponds to ensure a safe aquaculture environment. Additionally, 268 aquaculture households received epidemic tracking and guidance. These comprehensive efforts assist operators in implementing effective disease prevention management, reducing disease risks, and safeguarding agricultural and aquacultural production safety.



Poultry Epidemic Prevention Seminar

SDG 16 Peace, Justice and Strong Institutions



Promote peaceful and inclusive societies, provide access to justice for all and build effective, accountable institutions

Tainan City aims to establish a credible and inclusive system by promoting open government data and encouraging public participation in policymaking, thereby fostering a peaceful and diverse society.

16.1 Improving the Efficiency of Emergency and Urgent Assistance

To assist citizens facing sudden emergencies that cause financial hardship, Tainan City provides emergency relief services in accordance with the "Emergency Relief Measures." The service targets include those unable to afford funeral costs due to a household death, individuals suffering from illness or unemployment and unable to sustain their livelihood, those whose assets are frozen, or those experiencing other major life changes causing hardship. It also covers individuals needing transportation assistance for employment or travel. After assessment and home visits by local district offices, emergency relief funds are granted to help recipients overcome difficulties. In 2024, a total of 2,159 cases were assisted, with emergency relief funds disbursed amounting to approximately NT\$13.48 million.

To further support vulnerable individuals facing sudden economic crises, the city strengthens localized mutual aid and reporting systems to proactively identify individuals and families in distress. This enables the provision of emergency subsidies or relief funds and comprehensive welfare services, linking resources to alleviate urgent needs and promote self-reliance. In 2024, 507 cases received assistance totaling about NT\$7.07 million, demonstrating the city government's timely care and social safety support for disadvantaged citizens.

16.2 Promoting Civic Deliberation and Capacity Building through Local Revitalization Projects and Workshops

Tainan City’s civic deliberation is a collaborative effort involving the Ministry of Culture’s professional guidance team, the Cultural Affairs Bureau’s community building advisory team, and local district offices. The process includes inviting citizens to attend explanatory meetings and widely promoting the initiatives through various channels such as the city government’s LINE push notification system, news media reports, and distribution of promotional materials. District offices also integrate related activities to encourage public participation—for example, in 2020, Rende District Office organized a makeup parade, and in 2021, combined efforts with night markets to expand publicity and conduct civic voting.

In 2024, the city further supported district offices in advancing civic deliberation work within community building, promoting cultural governance to facilitate public participation in policy discussions, making decision-making more inclusive and responsive to public opinion. That year, Rende, West Central, and Annan districts each implemented advanced civic deliberation programs tailored to local conditions, proposing different discussion topics and operational models accordingly.



Annan District Office Civic Deliberation –
The Many Ways to Combat Dengue Fever

16.3 Implementing the Spirit of Civic Participation to Enhance Civic Literacy and Awareness

Through the organization of various civic participation activities, the benefits of public engagement have been deepened, and a cross-departmental cooperation mechanism has been established to effectively implement the principles of open government and democratic governance. This has continuously strengthened two-way communication between the municipal government and citizens. A total of 76 sessions were conducted, including vision workshops, deliberative democracy, and participatory budgeting, with 6,821 participants. The activities covered proposals on public issues related to community building by the Cultural Affairs Bureau and participatory planning and design of cultural parks; the Land Administration Bureau’s “Urban Land Readjustment Project Park Creative Design” initiative involved discussions and voting with university students and local residents; the Sports Bureau held local briefings for the “Public Sports Center ROT Project” to gather public opinions; the Health Bureau and 37 district health centers organized community discussions on “Localized Age-Friendly Communities”; the Public Works Bureau conducted an inclusive design workshop for the children’s playground at Rende Erkong New Village; and the Education Bureau held youth advocacy forums to discuss regional public issues with students. In total, 222 proposals were submitted, of which 119 were selected.

A total of 75 major policy briefings, public hearings, and liaison meetings were held, with 3,683 participants. The activities included the Water Resources Bureau’s promotion and explanation of the well registration policy; the Transportation Bureau’s multiple local briefings on railway elevation projects, MRT routes, and station improvements, as well as citizen participation workshops on friendly transportation; the Finance and Taxation Bureau’s public hearings on the environmental redevelopment of the Daximen Market and the citizen-initiated BOT proposal for the Civic Sports, Arts, and Leisure Park; the Urban Development Bureau’s promotion of comprehensive rural area planning and establishment of community liaison stations; the Social Affairs Bureau’s Children and Youth Welfare and Rights Protection Promotion Committee’s rolling meetings with various departments on public affairs proposals; the Economic Development Bureau’s local briefings on major projects such as market improvement works and the development of the Science Park; the Environmental Protection Bureau’s dialogue sessions inviting local residents, experts, and civic groups on the city’s climate change adaptation plan and the Southern Taiwan Science Park air pollutant load simulation scope; and the Education Bureau’s local public hearings on the issue of school closures and mergers for junior high and elementary schools.



Rende Erkong New Village Children's Playground Inclusive Design Workshop

16.4 Government Information Disclosure

Tainan City Government, to embody the spirit of data governance and provide more user-friendly data access, consolidates similar types of data into single datasets to avoid excessive dispersion that hinders utilization. It has transformed file-based data provision into API services, currently offering approximately 9,000 API data services.

The city has established the "Tainan City Government Agencies Data Open Evaluation Mechanism," conducting annual evaluations of open data sets from various departments to encourage the provision of high-quality, easily accessible open data for public use. In 2024, a total of 138 new open data sets were added to the platform.



Tainan City Government Open Data Platform

16.5 Youth-Friendly Governance

In the year 2024, a total of 45 meetings and activities were conducted, including working group meetings, municipal visits, workshops, youth exchange sessions, and consensus forums for youth committee members. Through these meetings and interactive discussions, youth committee members engaged with various municipal departments to better understand each other's perspectives and collaboratively discuss issues, providing valuable recommendations to inform future policy development.



Youth-Friendly Governance Discussion and Exchange Activities

16.6 Freedom of Speech Day Series Activities

Since 2012, Tainan City has designated April 7th as "Freedom of Speech Day," the first of its kind nationwide, to commemorate the spirit of democracy pioneer Cheng Nan-jung in advocating for freedom of speech. The city government holds annual series of events, including art exhibitions and lectures, to promote the value and significance of freedom of speech.

In 2022, in response to the pandemic, online lectures and discussions were held, incorporating in-depth discussions on transitional justice issues. In 2023 and 2024, static art installations and concerts were organized to strengthen the dissemination of democratic and human rights concepts through artistic soft power. These activities successfully guided the public to internalize the value of freedom of speech as a part of everyday life, increased youth participation and online interaction, and expanded the impact of the issues through collaboration with local organizations and renowned speakers, thereby promoting citizens' awareness of international and diverse values.



Tainan City Freedom of Speech Day Concert Event

16.7 Strengthening Legal Aid Consultation Services

To promote legal aid, enhance public legal knowledge, and address citizens' legal concerns, Tainan City has strengthened the mediation functions of district office mediation committees to expand services for the public. The City Government's Civil Affairs Bureau has also appointed multiple legal aid consultants to provide professional legal assistance and support to citizens.



Public Legal Consultation Services

16.8 Enhancing Municipal Service Efficiency to Create Convenient and Impactful Services for Citizens

The Tainan City Government places great importance on public petitions and widely solicits public opinion as a reference for evaluating governance effectiveness. Upholding the principle of being "people-centered," the government has established and integrated multiple communication channels—including the 1999 hotline, the Citizen Mailbox, written correspondence, and in-person services—to promptly and effectively reflect public needs and provide responsive municipal services. In 2024, a total of 140,964 petition and notification cases were handled, demonstrating efforts to improve citizens' quality of life and promote social justice and fairness.

SDG 17 Partnerships for the Goals



Strengthen the means of implementation and revitalize the global partnership for sustainable development

Global carbon dioxide emissions continue to rise, intensifying the greenhouse effect. As a member of the Earth community, Tainan cannot avoid the impacts of climate change nor act alone. Therefore, in addition to substantive cross-departmental cooperation within the city government, Tainan actively strengthens public-private partnerships and aligns with international standards to effectively address the challenges posed by climate change.

17.1 Climate Change Response Promotion Committee

To effectively mitigate, respond to, and adapt to the impacts of climate change, and with the goal of establishing a low-carbon city that promotes residents' well-being, health, and international alignment, Tainan

City announced the "Tainan City Low-Carbon City Autonomous Ordinance" on December 22, 2012. This ordinance was the first of its kind nationwide to regulate low-carbon city governance in a special municipality. In response to the national "Climate Change Response Act" promulgated on February 15, 2023, the ordinance was revised and re-announced in December 2023. According to Article 3, Paragraph 2 of the ordinance, the "Climate Change Response Promotion Committee" was established to advance and implement related low-carbon tasks, conduct rolling reviews of low-carbon strategies, and assess the progress of low-carbon adaptation and sustainable development initiatives.

The 1st Meeting of the 1st Tainan City Climate Change Response Promotion Committee was held on June 6, 2024, primarily to discuss the "2023 Progress Report on the Second Phase of Tainan City's Greenhouse Gas Reduction Implementation Plan." Following committee members' feedback and revisions, the report was submitted to the Climate Change Agency of the Ministry of Environment and publicly released on the Climate Information Disclosure Platform on September 23, 2024.

The 2nd Meeting of the 1st Tainan City Climate Change Response Promotion Committee took place on September 18, 2024, focusing on the "Tainan City Climate Change Adaptation Implementation Plan (2024–2026)." This plan includes analysis of historical disaster data and simulations of future climate change trends. Key focus areas were identified as "Essential Infrastructure," "Water Resources," and "Land Use," with a total of 33 action plans formulated. After incorporating committee members' suggestions, the plan was submitted for review by the Ministry of Environment on October 28, 2024.



▲ Climate Change Response Promotion Committee-Meeting Implementation Status

17.2 Strengthen public-private cooperation by leveraging private sector resources to advance sustainable initiatives in the public sector

Participatory workshop for co-creating designs with the community

Tainan City is home to several historic streams, including Wenyuan Creek, Deqing Creek, Fang Creek, and Fuankeng Creek, each possessing its own unique characteristics for revitalization. Local groups have long been building consensus and promoting the restoration of these historical waterways. Through integrated proposals that combine the perspectives of cultural and historical experts, academia, NGOs, and multiple city government departments, efforts will continue to focus on soft activities that foster civic awareness and encourage residents' active participation. By engaging residents in co-creative design, the initiative aims to enhance their sense of identity with the value of these ancient river channels and ultimately realize their restoration.

17.3 Aligning with International Standards

To train scientific, technical, and managerial personnel and enhance their understanding of global climate change mitigation and greenhouse gas reduction, the city actively participates in various international carbon reduction organizations and related meetings, such as ICLEI and COP conferences. The city gathers and monitors the latest information, as well as strategies and actions adopted by international low-carbon cities in response to climate change governance.

On September 9, 2024, at the Kaohsiung Net Zero Institute, Tainan City participated in the international workshop titled “Countdown to 2030: Promoting Action-Oriented VLR to Accelerate Urban Sustainability and Net Zero Transformation,” jointly organized by ICLEI KCC, Kaohsiung City Government, and the Institute for Global Environmental Strategies (IGES) of Japan. The workshop primarily encouraged governments worldwide to engage in advancing Voluntary Local Reviews (VLRs), emphasizing that VLRs are not merely reporting tools but action platforms that promote sustainable urban development. Through VLRs, local governments can systematically review their progress on the Sustainable Development Goals (SDGs) and formulate concrete action plans to accelerate the achievement of net zero transformation.

On December 3, 2024, representatives participated in the seminar titled “Post-COP29 Climate Change and Corporate Sustainability Trend Analysis,” organized by the Graduate Institute of Sustainable Management and Environmental Education at National Taiwan Normal University. The seminar emphasized that in response to climate change trends, corporations must integrate climate risks into their governance frameworks, combining financial planning and risk management to enhance overall resilience. Furthermore, advancing net zero transformation requires collaboration among government, businesses, and society to establish cross-sector partnerships. As sustainability disclosure requirements increase, companies should also strengthen information transparency by proactively disclosing climate risks and opportunities to address stakeholder concerns.



Participate in the international workshop “Countdown to 2030: Advancing Action-Oriented VLR” to Accelerate Urban Sustainability and Net-Zero Transition

17.4 Increase the proportion of resident volunteers

To implement Mayor Huang Wei-Che's policy priorities of "Hopeful Homeland" and "Priority for the Vulnerable," the city has actively promoted volunteer services. As of the end of December 2024, the total number of volunteers in the city reached 105,296, achieving the target set for 2030. According to the 2024 survey on "Overall and Sustainable Competitiveness of Counties and Cities" by Global Views Monthly, the average volunteer service hours per citizen increased from 6.05 hours in 2022 to 7.18 hours in 2023, indicating greater participation by volunteer partners in community service.

The city has integrated social welfare human resources to provide "care," "support," and "protection" services to disadvantaged populations in need. In 2024, combining the creativity of the younger generation, five sets of creative board games featuring the city's characteristics were developed. These games were used by young and middle-aged volunteers to engage and accompany elderly participants, promoting intergenerational mutual support. A total of 3,616 volunteers were mobilized, serving 3,331,004 service instances. Additionally, diverse documentary films related to volunteer service themes were produced, including "Intergenerational Board Game Activities" and the "2024 Taiwan Lantern Festival in Tainan," highlighting touching and local stories of volunteerism.



Tainan City 2024 Social Welfare Volunteer Teams First Coordination Meeting and Award Ceremony

Chapter 06

Future Prospects

Since Tainan City launched its first voluntary local review report in 2021, starting with 10 priority goals, it began aligning with the international Sustainable Development Goals (SDGs) framework in 2022 by expanding to 17 SDGs. The city has mapped Taiwan’s detailed sustainable development targets to its own local indicators to ensure that sustainability is fully integrated into all policies and practices. This approach guarantees that sustainable development is internalized across various sectors and policy areas in Tainan.

In 2024, Tainan City remains dedicated to transparently sharing with its citizens the ongoing journey toward achieving its sustainability goals and the concrete steps being taken to realize them. Looking ahead, the city commits to regularly updating and submitting voluntary review reports, fostering a continuous cycle of reflection, improvement, and refinement. By harmonizing economic, social, and environmental policies through this dynamic process, Tainan aims to inspire innovative thinking and proactive action. Through these steadfast efforts and adaptive strategies, the city aspires not only to progress steadily but also to honor its role as a responsible global citizen—moving resolutely toward a sustainable future and the vision of a truly livable, thriving community for generations to come.





Appendix

SDG 01 No Poverty

SDG 02 Zero Hunger

SDG 03 Good Health and Well-being

SDG 04 Quality Education

SDG 05 Gender Equality

SDG 06 Clean Water and Sanitation

SDG 07 Affordable and Clean Energy

SDG 08 Decent Work and Economic Growth

SDG 09 Industry, Innovation and Infrastructure

SDG 10 Reduced Inequalities

SDG 11 Sustainable Cities and Communities

SDG 12 Responsible Consumption and Production

SDG 13 Climate Action

SDG 14 Life Below Water

SDG 15 Life on Land

SDG 16 Peace, Justice and Strong Institutions

SDG 17 Partnerships for the Goals







SDG1 End poverty in all its forms everywhere

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Establish community-based day activity centers for persons with disabilities (facilities, individuals served) *Annual Value	Social Affairs Bureau	1. 31 sites 2. 88,025 beneficiaries	1. 32 sites 2. 103,142 beneficiaries	1. 34 sites 2. 103,377 beneficiaries	1. 38 sites 2. 109,110 beneficiaries	Continuously expand community-based services
Calculated according to the actual services provided.						
Tainan City Public Welfare Platform (person-times) *Cumulative Value	Social Affairs Bureau	343,612	444,357	827,876	1,617,633	4,000,000
Number of beneficiaries (person-times) of cash or material donations in the city.						
Strengthen Student Dropout Prevention Programs and Re-enrollment Placement Measures (schools, NT\$) *Annual Value	Education Bureau	1. 56 schools 2. Total funding subsidy: NT\$2,958,885	1. 59 schools 2. Total funding subsidy: NT\$3,867,164	1. 61 schools 2. Total funding subsidy: NT\$5,057,573	1. 60 schools 2. Total funding subsidy: NT\$5,537,183	1. 65 schools 2. Total funding subsidy: NT\$6,000,000
Number of schools actually implemented and funding.						
Vocational Rehabilitation Window Services for Persons with Disabilities (cases) *Annual Value	Labor Affairs Bureau	500	510	505	464	500
-						
Bright and Beautiful Life (sessions, million NT\$) *Annual Value	Labor Affairs Bureau	1. 173 sessions 2. Income of 6.52 million NTD	1. 167 sessions 2. Income of 9.72 million NTD	1. 241 sessions 2. Income of 8.64 million NTD	1. 262 sessions 2. Income of 7.86 million NTD	1. 100 sessions 2. Income of 5.0 million NTD
-						
Tainan Social Housing (units) *Cumulative Value	Labor Affairs Bureau	1,185	1,185	3,153	7,179	10,000
Actual Implementation and Mid-to-Long Term Goals of Social Housing.						
Housing Purchase and Renovation Subsidies for Economically Disadvantaged Indigenous Peoples (units) *Annual Value	Council of Indigenous Peoples	Subsidies were provided for the purchase of 7 housing units, and for the repair of 5 housing units.	Subsidies were provided for the purchase of 13 housing units, and for the repair of 2 housing units.	Subsidies were provided for the purchase of 11 housing units, and for the repair of 5 housing units.	Subsidies were provided for the purchase of 10 housing units, and for the repair of 3 housing units.	Continue implementing policies
Statistics on Actual Public Applications Received and Approved Cases".						
Care for Individual Recyclers (person-times) *Annual Value	Environmental Protection Bureau	275	300	286	292	Continue implementing policies
Number of individual households registered and approved.						



SDG2

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Promote High-Quality Fresh Agricultural Products and Processed Agricultural Products in Tainan (items) *Cumulative Value	Agriculture Bureau	1. 40 fresh products 2. 55 processed products	1. 40 fresh products 2. 55 processed products	1. 110 fresh products 2. 151 processed products	1. 117 fresh products 2. 182 processed products	1. 200 fresh products 2. 350 processed products
According to the annual evaluation statistics, if there are re-applicants, duplicate items will be deducted.						
Young Farmer Counseling Program (sessions, person-times) *Cumulative Value	Agriculture Bureau	35 courses, 1,700 participants	45 courses, 1,983 participants	85 courses, 2,190 participants	100 courses, 2,359 participants	150 courses, 3,000 participants
Farmer School Course Schedule and Ministry of Agriculture Young Farmers Statistical Data.						
Agricultural Cultivated Land Area (ha) *Annual Value	Agriculture Bureau	91,540	90,859	90,649	90,221	90,649
Annual Statistics.						
Food and Agriculture Education (schools, NT\$) *Annual Value	Education Bureau	60 schools, 625,000 NTD	62 schools, 627,800 NTD	63 schools, 623,900 NTD	64 schools, 683,170 NTD	65 schools, 800,000 NTD
Total amount of subsidy applications for the year.						
Food Waste Reduction (kg) *Annual Value	Education Bureau	536,609.8	589,497.3	659,363	588,366	Below 500,000
Total amount of raw and cooked food waste collected from each recycling point.						
Strengthening Hygiene of Food Ingredients in Catering (units) *Annual Value	Public Health Bureau	Considering the impact of the pandemic, the evaluation for the Excellent Food Hygiene Certification has been temporarily suspended.	302	141	291	350
Based on the annual evaluation results statistics.						
Building a Public Charity Warehouse *Cumulative Value	Social Affairs Bureau	10 physical stores and 12 social welfare service center distribution points	15 physical stores and 15 distribution points for physical goods.	5 physical stores, 11 cooperative branches, and 22 physical distribution points.	5 physical stores, 16 cooperative branches, and 18 physical distribution points.	Completed in coordination with the 37 administrative districts of the city
Calculated based on actual services provided.						
Establish a Charity Food-Saving Platform (sites) *Cumulative Value	Social Affairs Bureau	16	19	19	37	Phased evaluation setup
Calculated based on actual services provided.						



SDG3 Ensure healthy lives and promote well-being for all at all ages

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Reduce the Number of Confirmed Dengue Fever Cases (person-times) *Annual Value	Public Health Bureau	2	6	21,546	44	<100
-						
Increase Pneumococcal Vaccination for the Elderly (%) *Cumulative Value	Public Health Bureau	55	53.53	53.57	58.32	65
Vaccination rate (%) = (Number of vaccinations administered (including PCV13 and PPV23) / Number of individuals eligible for vaccination) × 100%						
Routine Vaccination for Young Children (%) *Annual Value	Public Health Bureau	96	92.1	93.7	93.4	95
Number of children under 3 years old registered in the county/city who are age-appropriately vaccinated with routine vaccines / Total number of children under 3 years old registered in the county/city (Source: 2022 Local Health Authority Performance Evaluation Manual).						
Creating a Healthy Living Environment Plan (%) *Annual Value	Public Health Bureau	57	50.9	44.1	32.9	35
Assess whether respondents accumulate at least 30 minutes of physical activity daily through survey interviews.						
Mobile Hospital and Universal Health Screening (person-times) *Annual Value	Public Health Bureau	21,215	20,666	30,045	30,109	30,000
Number of people served.						
Denture Installation for Seniors Aged 65 and Above (person-times) *Annual Value	Public Health Bureau	3,178	4,042	3,814	3,647	3,000
Number of cases completed.						
Establish a Smoke-Free Environment (zones) *Annual Value	Public Health Bureau	37	37	37	37	37
Implement at least one smoke-free environment creation project in each district.						
Mental Health Month (sessions) *Annual Value	Public Health Bureau	10	10	41	60	-
-						



SDG3

Ensure healthy lives and promote well-being for all at all ages

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Oral Health Promotion Program (sessions, clinic visits) *Annual Value	Public Health Bureau	15 sessions 284 clinic visits	11 sessions 240 clinic visits	13 sessions 240 clinic visits	13 sessions 254 clinic visits	37 sessions 240 clinic visits
-						
Long-Term Care Services 2.0 (%) *Annual Value	Social Affairs Bureau	65	82	92	96	99
Long-term care service coverage rate = (Number of long-term care service users / Estimated annual demand for long-term care) × 100%						
Silver Fitness Clubs (person-times) *Annual Value	Public Health Bureau	-	19,283	43,644	58,652	50,000
Number of people served.						
Six-Star Home Safety Enhancement for Seniors Living Alone *Annual Value	Social Affairs Bureau	-	-	-	71 smart fire prevention devices and home safety services were provided to 17 people, over 18,500 emergency contact stickers and cards were distributed, and more than 2,373 supplies were given to elderly living alone.	Whether to modify the plan content based on the circumstances of the current year
According to the actual situation of execution.						



SDG4

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Preschool Institutional Services (%) *Annual Value	Education Bureau	109.56	119.75	100	100	100
Total approved enrollment divided by the total number of children aged 2 to 5 in the city.						
Citywide Participation Rate in Lifelong Learning (%) *Annual Value	Education Bureau	11.67	11.07	11.78	12.61	12.61
Actual number of participants divided by the total population of Tainan City.						
Proportion of Students Placed in Schools with Special Education Resources or Related Special Education Services (%) *Annual Value	Education Bureau	99.5	100	98	98	99
Number of actual placements divided by the total number of applicants.						
Satisfaction with Funding for School Accessibility Environment Improvements (%) *Annual Value	Education Bureau	92.04	98.73	96.19	64.37	97
Approved quota / School requested quota.						
Number of Schools Obtaining a Low-Carbon Campus Certification (schools) *Annual Value	Education Bureau	112	82	82	120	180
Number of schools that have obtained a Low-Carbon Campus Certification and have the certification valid within the four-year period / Future outlook.						
Marriage Education Lectures and Activities (sessions, person-times) *Annual Value	Education Bureau	17 sessions, 666 participants	26 sessions, 1,139 participants	48 sessions, 2,217 participants	49 sessions, 2,881 participants	50 sessions, 2,900 participants
Actual implementation results and number of participants.						
Traffic Safety Volunteer Guides (person-times) *Annual Value	Education Bureau	2,419	2,371	2,339	1,950	2,000
Actual implementation status.						
Public Provision of Childcare and Educational Services (person-times) *Cumulative Value	Education Bureau	2,011	2,762	2,986	3,866	2,000
Number of newly enrolled students in public and non-profit kindergartens.						



SDG4

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Promoting the Digital Learning Program for All School Districts (classes) *Annual Value	Education Bureau	91	76	54	33	50
Number of classes actually conducted.						
Senior Learning Center (sessions, person-times) *Annual Value	Education Bureau	8,117 sessions, 187,470 participants	8,053 sessions, 178,928 participants	8,268 sessions, 201,491 participants	8,382 sessions, 198,772 participants	8,382 sessions, 198,772 participants
Actual implementation results and number of participants.						
Environmental Education Facilities and Sites (sites) *Cumulative Value	Environmental Protection Bureau	17	19	21	23	25
Calculated based on publicly available data from the Ministry of Environment website.						
Character Education Leadership Program (NT\$, person-times) *Annual Value	Education Bureau	-	-	-	NT\$1,163,000 5,533 participants	NT\$1,250,000
Actual implementation results.						
Astronomy Science Education Promotion (sessions, person-times) *Annual Value	Education Bureau	20 sessions, 20,760 participants	25 sessions, 18,860 participants	19 sessions, 13,130 participants	23 sessions, 28,820 participants	23 sessions, 30,000 participants
Actual implementation results and number of participants.						



SDG5 Achieve gender equality and empower all women and girls

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Tainan City Gender Profile Compilation *Annual Value	Department of Budget, Accounting and Statistics	6 major categories 138 subcategories 1,528 indicators	6 major categories 161 subcategories 1,771 indicators	6 major categories 163 subcategories 1,772 indicators	Complete the compilation of the annual data by the end of August, Year 114.	Annual rolling review
Publishing various public data.						
Five-Heart Outstanding Workplace Selection *Annual Value	Labor Affairs Bureau	Innolux Corporation Shugu Branch, Walsin Lihwa Corporation Yanshui Plant, United Microelectronics Corporation, Taiwan Salt Industrial Corporation, Taiwan Presbyterian Church Sin-Lou Medical Foundation Madou Sin-Lou Hospital.	Cathay Hospitality Group- Hotel Cozzi Tainan West Gate, Taiwan Cogeneration Corporation Guantian Cogeneration Plant.	Zhuhua Technology Co., Ltd., Nanguang Chemical Pharmaceutical Co., Ltd., Chi Mei Medical Foundation Liuying Chi Mei Hospital, Taiwan Stora Enso Paper Corporation Xinying Plant, Dacheng Engineering Co., Ltd., Dashun Sheet Metal Co., Ltd., Far Eastern Department Store Co., Ltd. Tainan Chenggong Branch.	Huahong New Technology Co., Ltd., Zhanhui Optical Co., Ltd., Taiwan Tobacco and Liquor Corporation Longtian Distillery.	Conducted annually
According to the annual selection results statistics.						
Gender-Friendly Public Restrooms (stalls) *Cumulative Value	Environmental Protection Bureau	24	48	65	77	The Ministry of Environment's subsidy funding is available only until the year 2024; there will be no related subsidy funding thereafter
-						
“You Farm, I Farm” Gender Equality Seminar (sessions, person-times) *Annual Value	Education Bureau	5 sessions 208 attendances	5 sessions 243 attendances	6 sessions 400 attendances	8 sessions 524 attendances	8 sessions 530 attendances
Number of sessions submitted and approved by the Ministry of Education for the current year.						
Lunar Project (sessions, participants, amount) *Annual Value	Education Bureau	-	248 sessions, 2,577 participants, 3.09 million	232 sessions, 2,130 participants, 2.56 million	238 sessions, 2,055 participants, 2.47 million	239 sessions, 1,980 participants, 2.38 million
Actual Implementation Results and Number of Applicants.						



SDG6

Ensure availability and sustainable management of water and sanitation for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Sewage Treatment Rate (%) *Annual Value	Water Resources Bureau	58.57	62.07	64.52	65.53	70
Sewage Treatment Rate = (Total Number of Sewage-Connected Households × Average Household Size) ÷ Total Population						
Sewerage Coverage Rate (units, %) *Cumulative Value	Water Resources Bureau	172,715 households 24.3%	188,005 households 26.28%	203,029 households 27.94%	216,210 households 28.97%	35%
Number of Public Sewer Connection Households × Household Size ÷ Total Population						
Reclaimed Water Volume (10,000 tons/day) *Annual Value	Water Resources Bureau	Construction period	0.8	4.55	5.3	9
Upon project completion and contract supply start, the daily reclaimed water volume defines the achievement indicator.						
Per Capita Water Consumption (liter, person-times) *Annual Value	Economic Development Bureau	269	280	276	278	250
Domestic Water Consumption (cubic meters) ÷ Mid-Year Water Supply Population.						
Water Supply to Remote and Rural Areas (units) *Annual Value	Economic Development Bureau	113	57	122	117	80
International official websites, press releases, and meeting minutes.						
Water Environment Protection Volunteer Team (teams) *Cumulative Value	Environmental Protection Bureau	41	41	43	43	45
Agency Statistics.						
Polluted River Remediation (%) *Annual Value	Environmental Protection Bureau	Severe Pollution Length Proportion: Jishui River 10.1%, Yanshui River 13.8%, Erren River 33.7%	Severe Pollution Length Proportion: Jishui River 13.4%, Yanshui River 14.4%, Erren River 30.9%	Severe Pollution Length Proportion: Jishui River 14.1%, Yanshui River 13.6%, Erren River 24.3%	Severe Pollution Length Proportion: Jishui River 14.9%, Yanshui River 9.4%, Erren River 21.5%	Severe Pollution Length Proportion: Jishui River 0%, Yanshui River 0%, Erren River 0%
Water Quality Monitoring Data.						
Installation of River Surface Trash Interception Nets (sites) *Annual Value	Environmental Protection Bureau	5	5	5	10	10
Agency Statistics.						



SDG6

Ensure availability and sustainable management of water and sanitation for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Coastal Trash Cleanup, Stream Cleanup, and Ocean Cleanup Activities (t) *Cumulative Value	Environmental Protection Bureau	112.69	3,863.91	2,879.7	3,904.3	3,000
Total weight of beach cleanup debris removed.						
Leachate Plant (Including Fertilizer Plant) Operation Management and Leachate Collection (m³) *Annual Value	Environmental Protection Bureau	131,620.60	142,316.70	104,035.31	90,719.20	103,500
Comparison between the inlet flow meter and the floor scale generates (results).						
Contracted Operation and Maintenance Management of Chengxi Landfill Leachate Treatment Plant *Annual Value	Environmental Protection Bureau	Leachate treatment volume: 255,510 m³ Recycled water usage: 30,757 m³	Leachate treatment volume: 256,785 m³ Recycled water usage: 24,980 m³	Leachate treatment volume: 255,869 m³ Recycled water usage: 27,390 m³	Leachate treatment volume: 261,165 m³ Recycled water usage: 25,780 m³	Leachate treatment volume: 256,000 m³ Recycled water usage: 28,000 m³
Flow rate of the water meter at the reclaimed water tank of the Chengxi landfill leachate treatment plant.						
Strengthening Drinking Water Quality Safety *Annual Value	Environmental Protection Bureau	1. Monthly sampling and testing of 60 direct water supply points in the tap water supply system. 2. Annual sampling and testing of water sources at 8 local water purification plants, totaling 25 tests per year.	1. Monthly sampling and testing of 60 direct water supply points in the tap water supply system. 2. Annual sampling and testing of water sources at 8 local water purification plants, totaling 25 tests per year.	1. Monthly sampling and testing of 60 direct water supply points in the tap water supply system. 2. Annual sampling and testing of water sources at 8 local water purification plants, totaling 25 tests per year.	1. Monthly sampling and testing of 60 direct water supply points in the tap water supply system. 2. Annual sampling and testing of water sources at 8 local water purification plants, totaling 25 tests per year.	1. Monthly sampling and testing of 60 direct water supply points in the tap water supply system. 2. Annual sampling and testing of water sources at 8 local water purification plants, totaling 25 tests per year.
Agency Statistics.						



SDG7

Ensure access to affordable, reliable, sustainable and modern energy for all

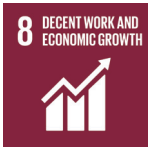
INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Solar Photovoltaic System Installed Capacity (GW) *Cumulative Value	Economic Development Bureau	2.598	3.827	4.17	4.718	5.125
Renewable Energy Power Generation Equipment Certification and Inspection Management System of the Energy Administration, Ministry of Economic Affairs.						
Green Factories and Offices: Promoting Solar Photovoltaic System Installation for Users with Electricity Contract Capacity Above 800 kW (MW) *Annual Value	Economic Development Bureau	145	151	153	173	Annual targets and achievements are calculated based on the current year
Statistics on major electricity consumers" or "Electricity consumption statistics for large users.						
Increasing Power Generation from Incineration Thermal Energy (MWH) *Cumulative Value	Economic Development Bureau	250,593.3	271,308	255,395.95	269,989.35	250,000
Generation of comparison between electricity meter data and Taiwan Power Company.						
Increasing Annual Power Generation from Landfills (ten thousand kWh/year) *Annual Value	Economic Development Bureau	2,123	1,935	1,987	1,854	2,100
-						
Guidance for Biogas Reuse in Livestock Farms (%) *Cumulative Value	Agriculture Bureau	24.4	26.9	47.2	55.2	40
Annual cumulative.						
Integration of Aquaculture with Green Energy Power Generation Sites (sessions) *Annual Value	Agriculture Bureau	10	10	10	10	10
Calculated based on the annual implementation status.						



SDG8

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Prevention and Awareness Promotion of High-Temperature Heat Hazards in Workplaces (sessions) *Cumulative Value	Labor Affairs Bureau	122	341	455	664	240
Number of counseling cases.						
Establishment and Operation of Vocational Rehabilitation Service Window for Persons with Disabilities (person-times) *Annual Value	Labor Affairs Bureau	483	428	328	300	350
-						
Supervision and Inspection of Heat Hazard Prevention for Outdoor Work in High Temperature Conditions (sessions) *Cumulative Value	Occupational Safety and Health Department (OSHD), Labor Affairs Bureau of Tainan City Government	-	150	160	170	200
Statistically accumulated by the information management system.						
Promotion of Local Industry Innovation through SBIR (cases) *Annual Value	Economic Development Bureau	48	47	55	54	50
Number of approved cases for SBIR local industry innovation R&D subsidies.						
Implementation of the Tainan Industrial Park Development Plan *Cumulative Value	Economic Development Bureau	The groundbreaking ceremony for the Cigu Technology Industrial Park was held on November 15, 2021, marking the launch of the Green Energy Industrial Park project.	The Cigu Technology Industrial Park is currently undergoing construction for preliminary works, soil excavation, and land leveling. Meanwhile, the procedural review for the Green Energy Industrial Park project is in progress.	Cigu Technology Industrial Park is currently undergoing construction for preliminary works, soil excavation, and land leveling. Meanwhile, the procedural review for the Green Energy Industrial Park project is in progress.	Cigu Technology Industrial Park is under construction for site prep, soil excavation, pipelines, and leveling. 45.84 hectares of industrial land sold, reaching 45% of available area.	The development plan for Cigu Technology Industrial Park is expected to create 6,000 jobs and generate an annual output value of 29 billion NTD for the city.
Developed independently by the city government.						
Attracting Investment to Build an Industrial and Economic Hub *Annual Value	Development Bureau	324 projects, NT\$41.5 billion invested, NT\$115.6 billion output.	263 projects, NT\$56.1 billion invested, NT\$62.2 billion output.	247 projects, NT\$40.1 billion invested, NT\$51.4 billion output.	235 projects, NT\$29.9 billion invested, NT\$26.1 billion output.	279 projects, NT\$15.5 billion invested, NT\$18.3 billion output.
Value added for the current year.						



SDG8

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Win-Win Innovation and Incubation Base (sessions) *Cumulative Value	Economic Development Bureau	197	218	267	298	360
Number of sessions of related entrepreneurship counseling courses.						
Enhancing Employment and Entrepreneurship Capabilities of Indigenous Peoples (sessions, person-times) *Annual Value	Council of Indigenous Peoples	26 sessions, serving 1,477 people.	34 sessions, serving 1,573people.	45 sessions, serving 1,550people.	37 sessions, serving 2,134people.	Continuously implemented policies
Statistics of actual cases handled and services provided to the public.						
Planning Diverse Training Programs to Enhance Workers' Skills (sessions) *Annual Value	Labor Affairs Bureau	36	36	37	37	37
Statistics based on actual implementation status.						
Developing Forward-Looking Industries (units, person-times) *Cumulative Value	Economic Development Bureau	-	Number of resident companies: 90 Employment: 1,364 people.	Number of resident companies: 91 Employment: 1,421 people.	Number of resident companies:136 Employment: 2,057people.	Number of resident companies:140 Employment: 2,080people.
Total number of tenant companies and employees provided by the management units of each area in Shalun.						
Passing the Torch Among the Silver Generation (sessions, person-times) *Annual Value	Social Affairs Bureau	95 sessions 2,850 participants	183 sessions 7,235 participants	127 sessions 3,889 participants	186 sessions 4,547 participants	Continuously implemented policies
Statistics based on the actual implementation status.						



SDG9 Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Facilitating Credit Guarantee Loans for Small and Medium-Sized Enterprises (NT\$) *Cumulative Value	Economic Development Bureau	NT\$94.2 million	NT\$103.3 million	NT\$118.31 million	NT\$149.71 million	NT\$200 million
Amount of loan approved by the bank.						
Road Quality Improvement Project (cases) *Annual Value	Works Bureau	8	18	28	18	The project is expected to be implemented until the end of 2025.
-						
New-Style Bus Stop Solar-Powered Lighting Equipment (units) *Cumulative Value	Transportation Bureau	-	-	253	2,954	All new-style bus stops in the city are installed
Cumulative number of newly installed solar-powered lighting devices on bus stops.						
Newly Established Off-Street Parking Lot (sites) *Annual Value	Transportation Bureau	19	21	22	27	20
Number of off-street parking lot occurrences.						
Tainan City Industrial Digital Transformation Application Guidance Program (units) *Cumulative Value	Economic Development Bureau	-	-	75	163	340
Number of local enterprises in Tainan City receiving consultation and guidance.						
Tainan City Urban Planning Industrial Zone Renewal and Vertical Development 2.0 *Annual Value	Economic Development Bureau	Announced, with 2 applications submitted, currently under review	2 applications submitted, currently under review.	2 applications submitted, 2 applications rejected.	Announced, no applications received	Planned to be announced in accordance with central government policies, with an estimated 3 applications
Evaluated based on actual application cases.						



SDG10 Reduce inequality within and among countries

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Mobile Medical Services (villages, sessions, service recipients) *Annual Value	Public Health Bureau	14 villages, 242 sessions, serving 2,771 people.	15 villages, 253sessions, serving 3,034 people.	15 villages, 231sessions, serving 2,676people.	11 villages, 181sessions, serving 1,758people.	50 villages, 400sessions, serving 4,000people.
Service sessions and attendance.						
Vibrant Tapestry of Arts and Culture in Full Bloom *Annual Value	Education Bureau	From April 21 to 23, 2021, a Mountain-Sea Co-learning event was held, with participation from 5 schools	No project	In 2023, a Hokkien drama reading tour visited 10 schools in March; in November, a Hakka arts group performed and taught at 13 schools; and the Sa Wu Bu An Indigenous dance troupe toured 16 elementary and junior high schools.	In 2024, the Hokkien drama reading tour visited 10 schools in May; in November, a Hakka arts group performed and taught at 13 schools; and in December, the Sa Wu Bu An Indigenous dance troupe toured 15 elementary and junior high schools.	In 2025, Taiwanese Hokkien drama, Hakka arts, and Indigenous dance tours were held at 10–17 schools each, achieving 100% coverage across all administrative districts.
Actual implementation results.						
New Immigrant Learning Center (sessions) *Annual Value	Education Bureau	138	55	84	61	62
Calculated based on annual implementation status.						
Multicultural Arts and Cultural Equity (person-times) *Annual Value	Culture Bureau	19,592	25,027	10,836	7,868	Conducted annually
Calculated based on annual implementation status.						
Cultural Diversity of Ethnic Groups (sessions, person-times, NT\$) *Annual Value	Council of Indigenous Peoples	12 sessions 4,134 participants 2,256,640 NTD Multicultural Promotion Activities in Kindergartens – Indigenous Language Singing and Play Implementation Plan: A total of 3 kindergartens applied, with 100 participants.	15 sessions 10,250 participants 2,270,000 NTD Multicultural Promotion Activities in Kindergartens – Indigenous Language Singing and Play Implementation Plan: A total of 2 kindergartens applied, with 52 participants.	14 sessions 10,530 participants 2,648,000 NTD Multicultural Promotion Activities in Kindergartens – Indigenous Language Singing and Play Implementation Plan: A total of 6 kindergartens applied, with 286 participants.	17 sessions 23,885 participants 8,154,120 NTD Multicultural Promotion Activities in Kindergartens – Indigenous Language Singing and Play Implementation Plan: A total of 8 kindergartens applied, with 360 participants.	Continuously implemented policies
Statistics on the number of applications accepted and approvals granted for private organizations.						



SDG10 Reduce inequality within and among countries

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Supporting the Economic Development of Indigenous Enterprises (cases, NT\$) *Annual Value	Council of Indigenous Peoples	47 cases NT\$20.64 million	28 cases NT\$5.95 million	21 cases NT\$5.6 million	32 cases NT\$13.39 million	Continuously implemented policies
Statistics on the number of applications accepted and approvals granted for private organizations.						
Sunny Day Dream Workshop (hr) *Annual Value	Labor Affairs Bureau	34	30	30	30	Conduct 30 hours of professional competency courses annually to enhance competitiveness.
Calculated according to the actual implementation.						
Enhancing the Service Capacity of Rehabilitation Buses (number of vehicles, trips) *Annual Value	Social Affairs Bureau	146 vehicles 249,845 trips	155 vehicles 247,548 trips	155 vehicles 279,286 trips	155 vehicles 315,712 trips	Increase the number of vehicles and service trips
Calculated according to the actual regulatory implementation.						
Women and Children Safety Awareness Campaign (Reducing Domestic Violence and Sexual Assault) (sessions) *Annual Value	Police Department	650	625	984	1,049	1,200
Data generated based on the applications received from various units during the current year.						
Yellow Taxi Bus (person-times) *Annual Value	Transportation Bureau	21,548	38,675	69,334	98,329	113,570
Ridership of the city's Yellow Taxi Buses.						
Healthcare and Eugenic Care Services Measures for New Immigrants and Indigenous Peoples *Annual Value	Public Health Bureau	1. One beginner-level and one advanced-level course each 2. Provided 8,022 hours of service 3. Home safety inspections for families (767 households of new immigrants, 64 households of indigenous people) 4. Subsidies for 18,868 cases related to maternal and child health care measures	1. One beginner-level and one advanced-level course each 2. Provided 7,502 hours of service 3. Home safety inspections for families (761 households of new immigrants, 54 households of indigenous people) 4. Subsidies for 17,624 cases related to maternal and child health care measures	1. One beginner-level and one advanced-level course each 2. Provided 7,583 hours of service 3. Home safety inspections for families (807 households of new immigrants, 76 households of indigenous people) 4. Subsidies for 16,792 cases related to maternal and child health care measures	1. One beginner-level and one advanced-level course each 2. Provided 8,204 hours of service 3. Home safety inspections for families (815 households of new immigrants, 75 households of indigenous people) 4. Subsidies for 16,659 cases related to maternal and child health care measures	1. One beginner-level and one advanced-level course each 2. Provided 8,140 hours of service 3. Home safety inspections for families (809 households of new immigrants, 69 households of indigenous people) 4. Subsidies for 16,000 cases related to maternal and child health care measures
Calculated based on the actual implementation situation.						



SDG10 Reduce inequality within and among countries

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Transportation Subsidy for Medical Visits of Disadvantaged Psychiatric Patients (person-times) *Annual Value	Public Health Bureau	433	432	392	494	150
Actual reimbursed amount verified from the application forms accepted by the Health Bureau.						
Financial Assistance for Economically Disadvantaged Students *Annual Value	Education Bureau	Educational assistance for children and adolescents: NT\$9,800,795. Lunch subsidy for economically disadvantaged students: NT\$94,525,013	Educational assistance for children and adolescents: NT\$25,345,743 Lunch subsidy for economically disadvantaged students: NT\$101,505,393	Educational assistance for children and adolescents: NT\$28,206,808 Lunch subsidy for economically disadvantaged students: NT\$98,985,391	Educational assistance for children and adolescents: NT\$30,291,631 Lunch subsidy for economically disadvantaged students: NT\$97,138,593	Educational assistance for children and adolescents is estimated at 35 million. Lunch subsidies for economically disadvantaged students amount to 100 million.
Total amount of subsidy applied for in both the first and second semesters.						
Safeguarding the Economic Security of Vulnerable Elderly (person-times) *Annual Value	Social Affairs Bureau	177,187	190,928	203,506	218,774	Continue implementing policies
Calculated according to the actual regulations and implementation conditions.						



SDG11

Make cities and human settlements inclusive, safe, resilient and sustainable

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Park Area (ha) *Cumulative Value	Works Bureau	817.1	829.6	829.6	847	Increase by 10 hectares in 2030 compared to the baseline year (2019)
Cumulative Park Area.						
Number of Trees Planted *Cumulative Value	Works Bureau	29,640	In the process of reporting.	56,429	21,390	20,943
(Total Number of Plants Planted This Year by the Public Works Department and Agriculture Department) ÷ City Population × 100,000 ¹¹						
Passenger Capacity of Public Transportation Vehicles *Annual Value	Transportation Bureau	Decline of 38.4% (Impact of the pandemic) 12,672,991 person-times.	Decline of 38% (Impact of the pandemic) 13,301,069 person-times.	15,116,658 visits	15,947,047 visits	Growth of 25%
City Bus Passenger Volume.						
Service Coverage Area of Shared Green Transportation Vehicles *Cumulative Value	Transportation Bureau	Area: 58 square kilometers 3,533,058 visits	Area: 58 square kilometers 4,060,000 visits	Area: 72.4 square kilometers 6,621,000 visits	Area: 105.6 square kilometers 10,797,000 visits	Area: 120 square kilometers 30,500,000 visits
Operating Areas of Shared Mobility Vehicles and Usage Volume of the Public Bicycle System.						
Full Electrification of Buses (%) *Cumulative Value	Transportation Bureau	11.74	14	20.13	26.54	100
Number of Electric Buses / Total Number of Buses in the City × 100%						
Extensive Installation of Smart Parking Spaces (units) *Annual Value	Transportation Bureau	8,400	9,000	13,000	15,000	16,200
Cumulative Number of Smart Parking Spaces (including Smart On-Street Parking Metering Systems and Geomagnetic Detectors).						
Taiwan Tourist Shuttle (person-times) *Annual Value	Tourism Bureau	93,000	43,000	71,000	79,000	-
City's Tourist Bus Passenger Volume.						
Newly Planted Afforestation Area (ha) *Cumulative Value	Agriculture Bureau	4	6	8	10	20
Annual Statistics.						
Air Quality Index (AQI) (%) *Annual Value	Environmental Protection Bureau	83	90	90.8	91.8	82
Air Quality Good Rate + Moderate Days Rate.						
Reduction Rate of Soil and Groundwater Pollution Sites (%) *Annual Value	Environmental Protection Bureau	14	22	36.5	37.8	50
(Baseline year (2019) site quantity- Number of regulated sites in the year) ÷ Baseline year (2019) site quantity × 100%						



SDG11

Make cities and human settlements inclusive, safe, resilient and sustainable

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Merit-Based Offerings and Centralized Collection and Transport of Joss Paper (NT\$, t) *Annual value	Environmental Protection Bureau	2,347,000 NTD 1,344 metric tons	3,156,000 NTD 1,455 metric tons	3,699,000 NTD 1,631 metric tons	3,916,000 NTD 1,989 metric tons	5,000,000 NTD 2,000 metric tons
Merit-Based Offerings: Consolidation of public donation responses. Centralized Collection and Transport of Joss Paper: Statistics of joss paper collected and transported by Tainan City's Jing Yuan Man Special Furnace.						
Community Environmental Revitalization Sites (sites) *Cumulative Value	Urban Development Bureau	73	91	123	145	292
The total number of community renovation points in this city.						
Green Natural Burial (%) *Annual value	Department of Civil Affairs	7.37	10.05	10.49	10.97	13
(Tree burial number + Sea burial number) ÷ Number of deaths.						
Farmland Reallocation Area Improvement (km) *Annual value	Land Administration Bureau	Agricultural roads 151.58 kilometers, Waterways 22.62 kilometers	Agricultural roads 183.75 kilometers, Waterways 23.86 kilometers	Agricultural roads 175.79 kilometers, Waterways 23.95 kilometers	Agricultural roads 154.32 kilometers, Waterways 18.68 kilometers	Agricultural roads 155.00 kilometers, Waterways 19 kilometers
Annual Statistics.						
Agricultural Engineering and Farm Road Improvement (km) *Annual value	Agriculture Bureau	116	110	76	181	115
Annual cumulative.						
Rural Regeneration (units) *Cumulative Value	Agriculture Bureau	93	97	103	106	109
Annual cumulative.						
Improve Community Public Spaces and Implement Local Infrastructure Development (sites) *Annual Value	Department of Civil Affairs	-	-	3	3	2
Newly constructed (reconstructed) activity centers and office buildings put into use in the current year.						
Cemetery Relocation and Greening Improvement (cases) *Annual Value	Department of Civil Affairs	3	1	0	2	3
Number of completed reburial plans.						
Community Building and Regional Revitalization (sites) *Annual Value	Culture Bureau	-	-	-	81	-
Calculated based on the annual implementation situation.						



SDG12

Ensure sustainable consumption and production patterns

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Community Building Sites for Enhancing Environmental and Ecological Awareness and Space Beautification (sites) *Cumulative Value	Culture Bureau	53	72	75	88	160
Cumulative number of community building sites participating over the years in enhancing environmental ecological awareness and space beautification.						
Cultural Heritage Building Materials Bank (cases, cubic meters) *Cumulative Value	Culture Bureau	6,727 cases 45.5 cubic meters	8,127 cases 48.2 cubic meters	9,153 cases 57.2 cubic meters	13,850 cases 66.7 cubic meters	15,000cases 83.3 cubic meters
Based on historical statistical data and the evaluation of promotion targets.						
Promotion of Organic (and Sustainable) Agriculture (ha) *Cumulative Value	Agriculture Bureau	721	835	907	1,367	1,000
Annual cumulative.						
Green Procurement Rate (%) *Annual Value	Environmental Protection Bureau	100	100	100	100	100
According to the Ministry of Environment's annual evaluation methods.						
General Waste Recycling Rate (%) *Annual Value	Environmental Protection Bureau	65.73	62.14	63.5	59.7	61
$(\text{Resource Waste Amount} + \text{Food Waste Recycling Amount}) \div \text{General Waste Generation Amount} \times 100\%$						
Recycling and Reuse of Business Waste (%) *Annual Value	Environmental Protection Bureau	72.8	72.4	70.6	62	70
$\text{Reusable Industrial Waste Manifests} \div \text{Total Industrial Waste Manifests} \times 100\%$						
Reuse of Wood Waste (t) *Annual Value	Environmental Protection Bureau	0	44.07	6,876	1,486	15,000
Statistics based on the actual weighed weight of wood waste.						
Creating a Quality Shopping Environment to Revitalize Business Development	Economic Development Bureau	-	-	-	-	-
No indicator.						
Promotion of Environmental and Sustainability-related Certifications and Labels (units) *Annual Value	Tourism Bureau	9	10	11	12	20
Green Mark Certified Accommodation Industry in This City.						



SDG13

Take urgent action to combat climate change and its impacts

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Establish Climate Scenarios, Improve Climate Risk Assessment Mechanisms, Implement Adaptation Plans, and Build a Resilient City *Annual value	Environmental Protection Bureau	Continuously compiling the implementation results of the adaptation action plan	Continuously compiling the implementation results of the adaptation action plan	Continuously compiling the implementation results of the adaptation action plan	According to the Climate Change Response Act, the 'Tainan City Climate Change Adaptation Implementation Plan' has been formulated.	Establish climate scenarios, improve the climate risk assessment mechanism, effectively implement adaptation plans, and build a resilient city.
Evaluated based on the actual operational methods of each bureau/department.						
Total Number of Environmental Volunteers (person-times) *Cumulative Value	Environmental Protection Bureau	5,960	6,395	9,473	10,228	11,200
Number of environmental protection bureau volunteers insured annually.						
Medium- and Long-Term Carbon Reduction Targets and Roadmap *Annual Value	Protection Bureau	Increment of 18.5%	Increment of 18.5%	Increment of 20.09%	Under inventory	Reduce by 30%
This is the total greenhouse gas emissions from sources, calculated by multiplying each gas amount by its global warming potential and expressed in CO ₂ equivalents, per the Ministry of Environment's guidelines.						
Promoting Low-Carbon and Sustainable Communities (sites) *Annual Value	Environmental Protection Bureau	7	3	6	26	20
Calculated based on the number of certified Bronze and Silver level Low-Carbon Sustainable Communities.						
Enhancing the Rate of Drainage System Rehabilitation (%) *Annual Value	Water Resources Bureau	40	57.57	64.1	65.01	70
1- (Total length of drainage channels pending remediation ÷ Total length of drainage channels on both sides of the district drainage) × 100%						
Strengthening Community Awareness and Self-Preparedness for Debris Flow Disaster Prevention (sessions) *Cumulative Value	Water Resources Bureau	42	51	60	69	123
Cumulative total of fixed sessions held annually.						
Promoting Community-Based Flood Disaster Self-Prevention (sites) *Annual Value	Water Resources Bureau	Maintenance and operation of 38 locations	Maintenance and operation of 41 locations	Maintenance and operation of 44 locations	Maintenance and operation of 45 locations	Maintenance and operation of 50 locations
The results shown in this report are for reference only. As new communities may be included each year, future targets are estimates only.						



SDG13

Take urgent action to combat climate change and its impacts

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Evacuation and Shelter Awareness Campaigns *Cumulative Value	Department of Civil Affairs	209 sessions 35,597 participants	210 sessions 35,677 participants	211 sessions 35,757 participants	212 sessions 35,825 participants	218 sessions 36,500 participants
Statistics based on actual implementation conditions.						
Promoting the Sustainable Campus Program (schools) *Cumulative Value	Education Bureau	13	16	20	22	39
Calculated based on the actual number of approved schools.						
Promoting Resilient Communities (sites) *Cumulative Value	Fire Department	Establish/build 8 locations	Maintain and operate 4 locations Establish/build 4 locations	Maintain and operate 4 locations	Maintain and operate 8 locations Establish/build 2 locations	Maintain and operate 12 locations
Execution of Fire Department Plans.						
Agricultural Industry Insurance (cases) *Annual Value	Agriculture Bureau	4,197	21,226	9,618	24,141	Estimated number of insured cases: 25,000
Calculated according to the yearly implementation status.						
Implementing Coastal Sandbar and Lagoon Maintenance and Emergency Restoration Projects (ha) *Annual Value	Water Resources Bureau	3	2	2.8	3.1	3
Annual Completion Drawing Statistics.						



SDG14

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Wetland Ecology School Outreach Lectures (sessions, person-times) *Annual value	Agriculture Bureau	10 sessions, serving 1,200 people.	30 sessions, serving 3,000 people.	50 sessions, serving 5,000 people.	50 sessions, serving 7,000 people.	50 sessions, serving 3,000 people.
Statistics based on actual implementation conditions.						
Harbour Waste Disposal Volume (t) *Annual value	Agriculture Bureau	57.8	174	80	126	75
Statistics based on actual weighing results.						
Wetland Conservation Plan (cases) *Annual value	Agriculture Bureau	3	3	3	1	Continuously applying for central government subsidy programs.
Continuously applying for central government subsidy programs.						
Management of Movable Oyster Rafts (t) *Annual value	Agriculture Bureau	3,070.07	3,780.06	3,074.08	2,394.07	Reward and subsidize fishermen to use new-style oyster racks in order to reduce the recycling and disposal of bamboo oyster racks.
Calculated based on actual recovery and subsidy quantities.						
Environmental Fleet (number of vessels) *Annual value	Environmental Protection Bureau	390	390	413	415	500
Statistics based on actual implementation conditions.						
Conducting Marine Environmental Education and Outreach Activities (sessions) *Annual value	Environmental Protection Bureau	10	11	11	14	20
Statistics based on actual implementation conditions.						
Maintenance and Management of Nearshore Fishery Resources *Annual value	Agriculture Bureau	-	Conducted 168 sessions of real-name verification for gill nets, recovered 12 lost notification forms, and held 5 promotional meetings.	Conducted 200 sessions of real-name verification for gill nets, recovered 12 lost notification forms, and held 4 promotional meetings.	Conducted 203 sessions of real-name verification for gill nets, recovered 12 lost notification forms, and held 4 promotional meetings.	Conducted 210 sessions of real-name verification for gill nets, recovered 12 lost notification forms, and held 4 promotional meetings.
Statistics based on actual inspections and collection status.						
Water Pollution Source Management and Enhanced Inspection Efficiency Plan *Cumulative Value	Environmental Protection Bureau	Compared to the base year (Year 109), the inspection and patrol operations for businesses or sewerage systems increased by more than 5 cases.	Compared to the base year (Year 109), the inspection and patrol operations for businesses or sewerage systems increased by more than 10 cases.	Compared to the base year (Year 109), the inspection and patrol operations for businesses or sewerage systems increased by more than 15 cases.	Compared to the base year (Year 109), the inspection and patrol operations for businesses or sewerage systems increased by more than 20 cases.	Compared to the base year (Year 109), the inspection and patrol operations for businesses or sewerage systems increased by more than 40 cases.
Statistics based on actual inspection/inspection patrol conditions.						



SDG15

Protect, restore and promote sustainable use of terrestrial ecosystems

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Biodiversity Conservation Education and Outreach Promotion (sessions, person-times) *Annual Value	Agriculture Bureau	6 sessions, serving 300 people.	6 sessions, serving 200 people.	8 sessions, serving 250 people.	8 sessions, serving 250 people.	Conducted annually
Statistics based on actual implementation conditions.						
Incentive and Support Reforestation Program (ha) *Cumulative Value	Agriculture Bureau	63.55	64.99	66.49	68.16	88
Statistics based on actual implementation conditions.						
Longqi Natural Landscape *Annual Value	Agriculture Bureau	On July 30, 2021, the government announced the designation of the Longqi Niupu Badlands Nature Reserve covering 149.0206 hectares, and on the same day, July 30, 2021, announced the Longqi Niupu Badlands Geopark covering 132.0258 hectares.	On June 23, 2022, the contract was awarded to National Taiwan University to undertake the "Management Plan for Longqi Niupu Badlands Geopark and Nature Reserve in Tainan City	1. Prepare the "Preliminary Spatial Planning for Longqi Natural Landscape, Tainan" for central subsidies. 2. On January 5, 2024, the Forestry Agency approved a 5.37 million NTD budget (4.3M central, 1.07M city), to be funded over 2024-2025.	Completed one set of the 'Work Plan' and 'Initial Report' for the preliminary overall spatial planning of the natural landscape in Longqi, Tainan City.	Enhance the quality of internal trails and facilities within the geopark, install related rest facilities and signage systems, and improve local maintenance and management
Statistics based on actual implementation conditions.						
Biodiversity Conservation and Invasive Species Management Plan *Cumulative Value	Agriculture Bureau	Application of iron powder-coated rice seeds over 30 hectares	Application of iron powder-coated rice seeds over 20 hectares	Application of iron powder-coated rice seeds over 20 hectares	Application of iron powder-coated rice seeds over 22 hectares	Application of iron powder-coated rice seeds over 50 hectares
Statistics based on actual implementation conditions.						
Precious Tree Conservation (sessions) *Annual Value	Agriculture Bureau	3	3	3	2	Conducted annually
Statistics based on actual implementation conditions.						



SDG15

Protect, restore and promote sustainable use of terrestrial ecosystems

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
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Domestic Organic Fertilizer Promotion Plan (t/ha) *Annual Value	Agriculture Bureau	4.3376	4.3755	5.0248	5.7332	-
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Statistics based on actual implementation conditions.

Agricultural Product Safety and Quality Monitoring and Control Plan (t/ha) *Annual Value	Agriculture Bureau	4.3376	4.3755	5.0248	Pending announcement	-
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Statistics based on actual implementation conditions.

Guidance and Assistance for Self-Defense Epidemic Prevention Work at Livestock, Poultry, and Aquaculture Farms *Annual Value	Agriculture Bureau	1. Avian flu monitoring: 9,176 samples; livestock serology: 7,090 samples; 56 prevention meetings (35 livestock, 21 poultry).	1. Avian flu monitoring: 9,356 samples; livestock serology: 3,058 samples; 46 prevention meetings (25 livestock, 21 poultry).	1. Avian flu monitoring: 9,220 samples; livestock serology: 2,812 samples; 60 prevention meetings (35 livestock, 25 poultry).	1. Avian flu monitoring: 9,336 samples; livestock serology: 2,641 samples; 53 prevention meetings (30 livestock, 23 poultry).	1. Avian flu monitoring: 6,000 samples; livestock serology: 2,500 samples; 25 prevention meetings. 2. Aquatic animal disease tests \ water quality tests and epidemic tracking : 1,000
		2. Aquatic animal disease tests: 2,326; water quality tests: 7,699; epidemic tracking for 443 farms.	2. Aquatic animal disease tests: 2,016; water quality tests: 7,054; epidemic tracking for 314 farms.	2. Aquatic animal disease tests: 2,032; water quality tests: 6,554; epidemic tracking for 234 farms.	2. Aquatic animal disease tests: 2,820; water quality tests: 5,609; epidemic tracking for 268 farms.	

Calculated based on actual executed cases and conducted sessions.



SDG16

Promote peaceful and inclusive societies, provide access to justice for all and build effective, accountable institutions

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Improving the Efficiency of Emergency and Urgent Assistance *Annual Value	Social Affairs Bureau	1. Emergency assistance: helped 2,443 cases, totaling 15,912 million NTD. 2. Emergency relief: provided 4.789 million NTD to 351 households facing urgent hardships.	1. Emergency Assistance: Provided aid to 1,088 cases, totaling NT\$7,027,018. 2. Emergency Relief: Offered relief funds to 181 households facing urgent life difficulties, totaling NT\$2,405,800	1. Emergency Assistance: Assisted 2,012 cases, totaling NT\$13,155,556. 2. Emergency Relief: Provided aid to 425 cases, totaling NT\$6,094,307.	1. Emergency Assistance: Assisted 2,159 cases, totaling NT\$13,480,863. 2. Emergency Relief: Provided aid to 507 cases, totaling NT\$7,071,380	Continue implementing policies
Statistics based on actual implementation conditions.						
Promoting Civic Deliberation and Capacity Building through Local Revitalization Projects and Workshops (sessions, person-times, cases) *Annual Value	Culture Bureau	27 events, 9,482 participants, and a total of 17 proposals submitted.	22 events, 2017 participants, and a total of 26 proposals submitted.	a total of 29 proposals submitted.	30 events, 5993 participants, and a total of 31 proposals submitted.	Conducted annually
Statistics based on actual implementation conditions.						
Implementing the Spirit of Civic Participation to Enhance Civic Literacy and Awareness *Annual Value	Research, Development and Evaluation Commission	Tainan City Bus Route Planning Workshop, MRT Line Planning Briefing, and Xibei Yanshui Park Playground Workshop	1. Civic participation: 31 sessions with 4,627 participants 2. Major policy briefings, public hearings, and coordination meetings: 48 sessions with 1,409 participants	1. Civic participation: 75 sessions with 11,893 participants 2. Major policy briefings, public hearings, and coordination meetings: 98 sessions with 18,140 participants	1. Civic participation: 76 sessions with 6,821 participants 2. Major policy briefings, public hearings, and coordination meetings: 75 sessions with 3,683 participants	Enhance the benefits of civic participation by fostering effective collaboration between citizens and government; establish a stable inter-departmental municipal cooperation and communication mechanism.
Statistics based on actual implementation conditions.						
Government Information Disclosure *Cumulative Value	Research, Development and Evaluation Commission	1,596 open datasets, 7,176 data items, and a total of 756 million page views.	1,761 open datasets, 16,620 data items, and a total of 7.56 million page views.	1,743 open datasets, 18,449 data items, and a total of 804 million page views.	1,814 open datasets, 20,834 data items, and a total of 826 million page views.	2,400 open datasets, 32,000 data items, and 11 million page views.
Statistics based on actual implementation conditions.						



SDG16

Promote peaceful and inclusive societies, provide access to justice for all and build effective, accountable institutions

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Youth-Friendly Governance (sessions) *Annual Value	Research, Development and Evaluation Commission	-	10	37	45	Establishing the "South Youth Activists Network Platform" to professionalize youth committees and enhance innovation in municipal governance.
Statistics based on actual implementation conditions.						
Freedom of Speech Day Series Activities *Annual Value	Department of Civil Affairs	1 short talk 2 performances 2 lectures	Held 4 online lectures due to the pandemic.	2 short talks 1 concert 11 online co-branded events 23 in-person co-branded events	3 short talks 1 concert 11 online co-branded events 23 in-person co-branded events	Three online or in-person events One concert
Statistics based on actual implementation conditions.						
Strengthening Legal Aid Consultation Services (person-times) *Annual Value	Department of Civil Affairs	5,382	5,423	5,586	5,824	6,000
Statistics based on actual consultation cases.						
Enhancing Municipal Service Efficiency to Create Convenient and Impactful Services for Citizens *Annual Value	Research, Development and Evaluation Commission	-	-	-	A total of 140,964 citizen petitions and reports received.	Integrate AI to improve efficiency and quality, creating citizen-centered, impactful services.
Statistics based on actual implementation conditions.						



SDG17 Strengthen the means of implementation and revitalize the global partnership for sustainable development

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Climate Change Response Promotion Committee *Annual Value	Environmental Protection Bureau	One Low Carbon and Sustainable Development Committee meeting was held on December 8, 2021.	Two Low Carbon Adaptation and Sustainable Development Committee meetings were held on May 25 and December 12, 2022.	On August 31, 2023, Chiayi City held its first Low Carbon Adaptation and Sustainable Development Committee meeting.	Held two climate change response meetings.	Create an empowered agency to enable effective cross-department collaboration
Evaluate based on meeting minutes.						

Strengthen public-private cooperation by leveraging private sector resources to advance sustainable initiatives in the public sector *Annual Value	Environmental Protection Bureau	From August 16–27, 2021, held 14 workshops and interviewed 42 vulnerable residents in 7 communities, completing 7 climate proposals.	Continuously monitor the operation and maintenance status of subsidized project units.	1. Rende District Office held the "Fun Tainan, Rende Train" park playground workshop on February 19. 2. The Urban Development Bureau conducted four participatory design workshops from July to August to co-create designs aimed at restoring river vitality and building sustainable waterfront environments	Continuously monitor the operation and maintenance status of subsidized project units.	Enhance public-private cooperation to drive public sustainability projects.
Meeting minutes, application documents, and project reports.						

17 PARTNERSHIPS FOR THE GOALS



SDG17

Strengthen the means of implementation and revitalize the global partnership for sustainable development

INDICATORS	UNIT	2021	2022	2023	2024	2030(GOAL)
Aligning with International Standards *Annual Value	Environmental Protection Bureau	1. On March 15, 2021, participated online in the ICLEI and Taoyuan City-hosted "ICLEI Eco-Logistics Global Community Meeting." 2. On November 6, 2021, joined online the UNFCCC COP26 "Net Zero Urban Action Forum." 3. On December 21, 2021, Mayor Huang Wei-Che attended the "Low Carbon City Conference: Sustainable Supply Chains and Urban Development" and the "Shalun Smart Industry Innovation Alliance Signing Ceremony."	1. Attended the ICLEI World Congress 2021-2022 online from May 11 to 13, 2022. 2. Participated in the 2022 ICLEI Bold Cities online conference from October 3 to 7, 2022. 3. Attended the 27th UN Climate Change Conference (UNFCCC COP27) in Sharm El-Sheikh, Egypt, from November 6 to 18, 2022	Attended the 28th UN Climate Change Conference (UNFCCC COP28) held in Dubai Expo City, UAE, from November 30 to December 12, 2023.	1. Sept 9, 2024: Joined ICLEI KCC workshop on accelerating urban sustainability and net zero. 2. Nov 4, 2024: Attended online COP29 post-climate and corporate sustainability seminar. 3. Dec 3, 2024: Participated in NTNU seminar on post-COP29 climate and sustainability trends.	Open collaboration platform
International official websites, press releases, and meeting minutes.						
Increase the proportion of resident volunteers (persons) *Cumulative Value	Social Affairs Bureau	56,905	66,720	103,727	105,296	55,000
Total according to report data.						

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