

## Smart City

Taipei City Government taps into smart living upgrades to accelerate the development of innovative economic models such as the platform economy, the experience economy, and the sharing economy, to connect with global technology cores, to build the new generation's future living environment, and to make Tainan into a development base for Asia-Pacific smart cities.

### Smart Electricity Grid

Tainan has achieved outstanding results in pushing initiatives for building a smart electricity grid. Such initiatives include a regional energy-source management plan, forward-looking construction to manage demand by high-voltage consumers, and demonstrating management of demand by low-voltage consumers. In addition, smart meters have been widely installed for both high- and low-voltage consumers, and the development of a disaster-proof micro-grid has been demonstrated, to promote private participation in public infrastructure construction. With the smart grid, renewable-energy power plants, energy storage systems, and energy management centers as the four main areas of focus, strong progress has been made in achieving the goals of regional demonstration, innovation diffusion, smart upgrade, and setting sights on emerging country markets.

### Smart Environment

Tainan City Government has set up a Smart Development Center as a response to the era of the Internet of Things (IoT), and launched the Tainan Open Government Platform to engage more citizens in project participation. It has also launched initiatives for establishing high-tech disaster relief, for promoting smart agriculture, for building a smart green-energy and circular-economy residential park in Shalun, and for setting up Taiwan's sixth national-grade science museum, the National Museum of Science Education and Experiencing the Future. In addition, it has successfully instituted a BOT project for Taiwan's first smart roadside parking meter system, and has established the Greater Tainan Smart Traffic Center, tapping into IoT value-adding services across agencies, setting up a new cloud platform to integrate traffic information, and combining with surrounding academic institutions, research bodies and industrial parks, to create the next wave of economic and sustainable development.



Tainan has achieved many "first and only" milestones, successfully presenting the fruitful results of this old capital city's 4G mobility on the world stage, and gaining international renown.

- Taiwan's first true 4G smart city.
- Teamed up with Qualcomm for the U.S. corporation's first Wireless Reach program in Taiwan.
- Taiwan's first and only city nominated for the 2017 GLOMO Awards, in the Best Use of Mobile for Smart Cities category.
- Taiwan's first invitee to the Mobile World Congress in Shanghai, to share its experience of creating a smart city.
- Taiwan's first city to be featured in a video made by GSMA as a smart city case study.