



# 2018

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# Achievement Report Taoyuan Smart City

Department of Information Technology, Taoyuan City Government

# Outline

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Progress of Taoyuan Smart City

Smart City Achievements in 3-Aspects

Taoyuan Smart City Highlight Plans

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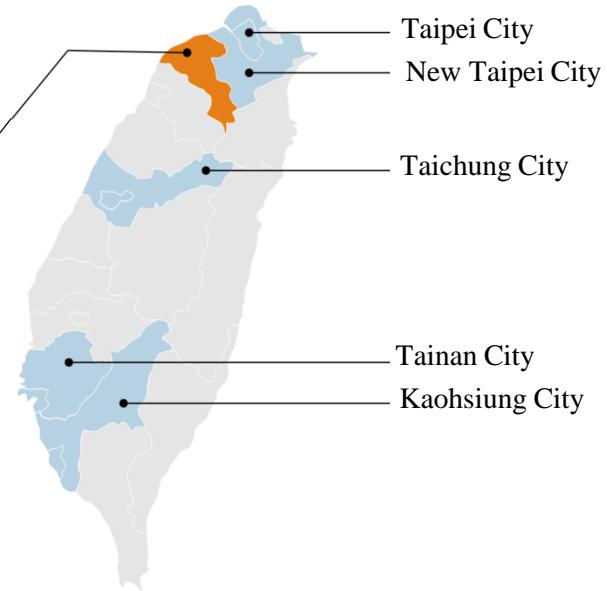


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# Progress of Taoyuan Smart City

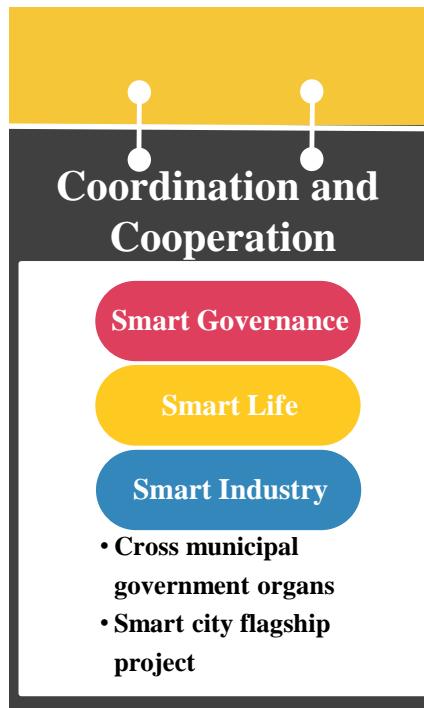
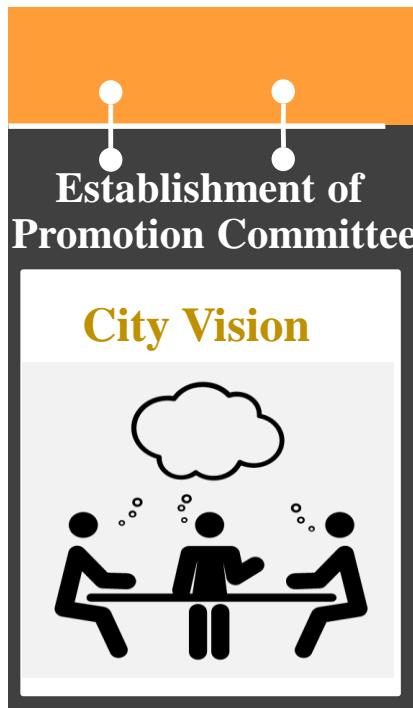
# Taoyuan City

- Area: **1,220 km<sup>2</sup>**
- Population: **2.2 mil.**
- Average age: **38.5**, youngest among the 6 municipal cities
- Highest industrial output value, **30** industrial parks
- **17** National and Private colleges and universities, 15 of them with ICT related departments
- **3** research institutes, **3** industry research centers
- The largest international airport, near Taipei Harbor and Keelung Harbor



# ►►►►► Progress of Taoyuan Smart City

On October 28, 2015, "Taoyuan Smart City Promotion Committee" was approved and established



# Progress of Taoyuan Smart City (Cont.)

## ⌚ First phase of the strategy

- Counted Bureau ICT applications
- Involved central government subsidy program
- Cooperated with private enterprises
- Developed 9 strategies, 30 plans, 130 sub-plans by smart governance, smart living and smart industry

## ⌚ Second phase of the strategy

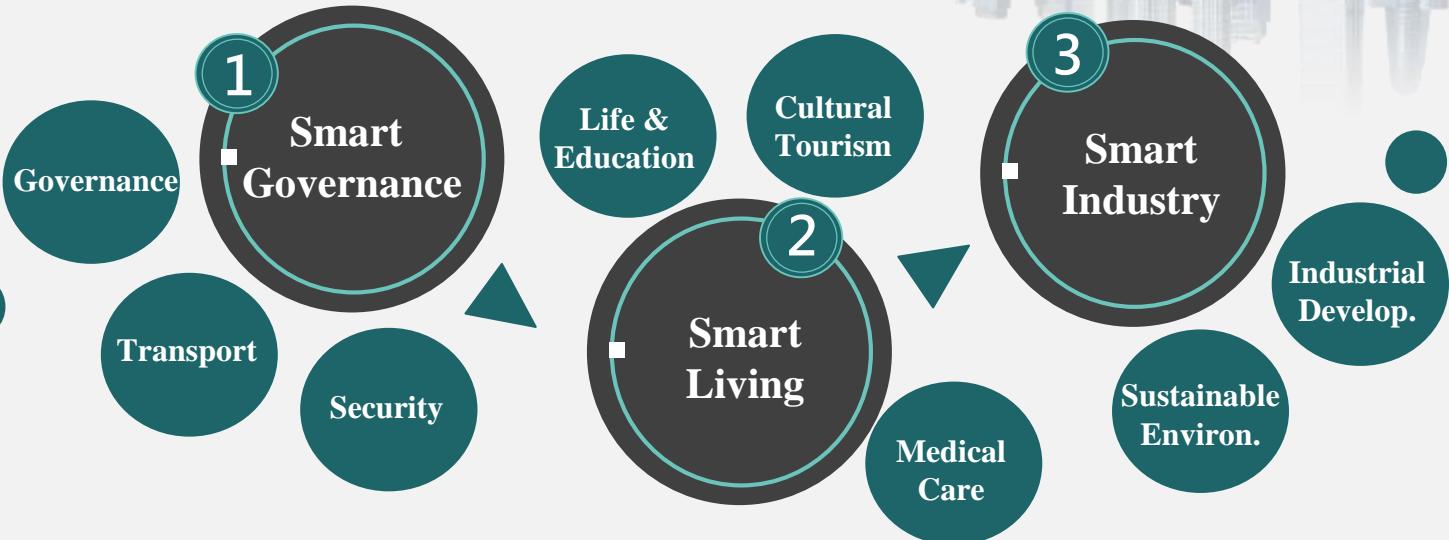
- Re-evaluating the effectiveness of all sub-plans (bottom-up)
- Focusing on truly solving plans which can satisfy citizens and industrial needs (top-down)
- Setting smart city standards to promote information exchange
- Successful experience sharing and transfer



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# Smart City Achievements in 3-Aspects

# Smart City Achievements in 3-Aspects



# Smart Governance



# ▶▶▶▶▶ Smart Governance (Cont.)

## Water Information APP



## Environment Info. & Pollution Alert



## Smart Dispatch 119



## Smart Lighting



# ►►►►► Smart Living



Taoyuan Citizen Card



Smart School



MRT 4G Free WiFi



Smart Public Building

# ▶▶▶▶▶ Smart Living (Cont.)

## Smart Medical Care



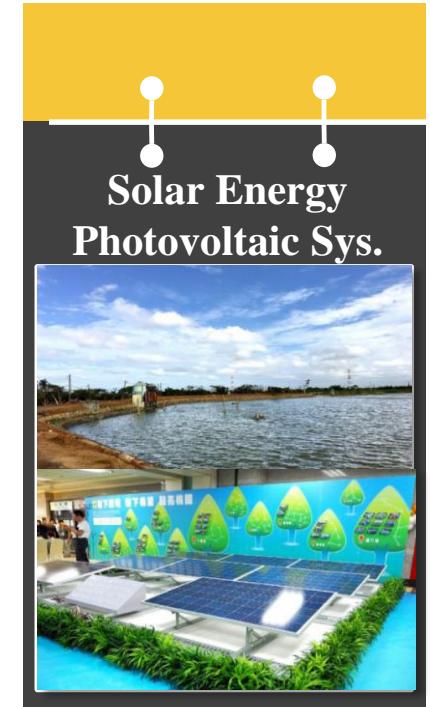
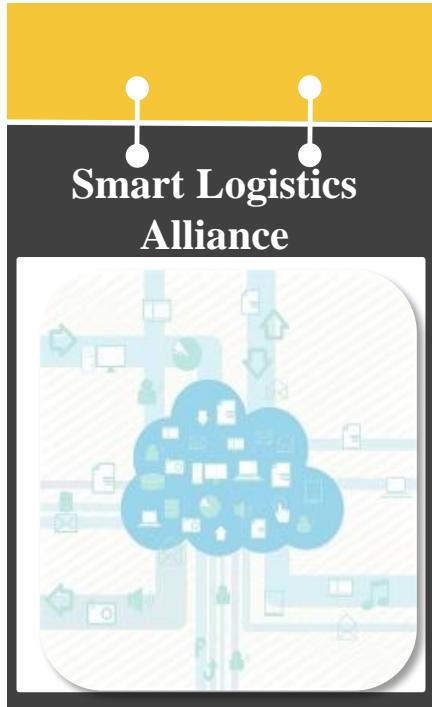
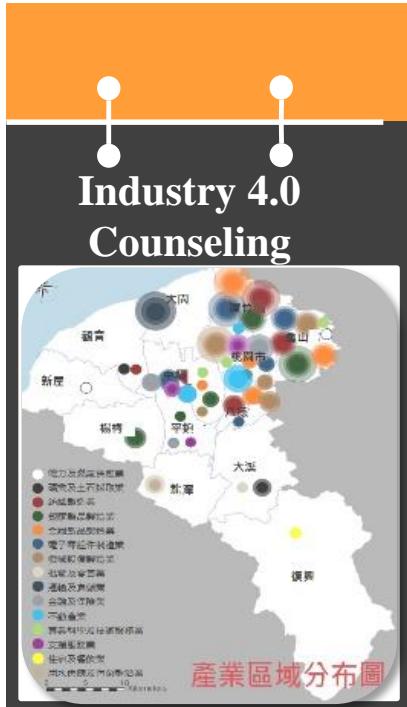
## Smart Tourism



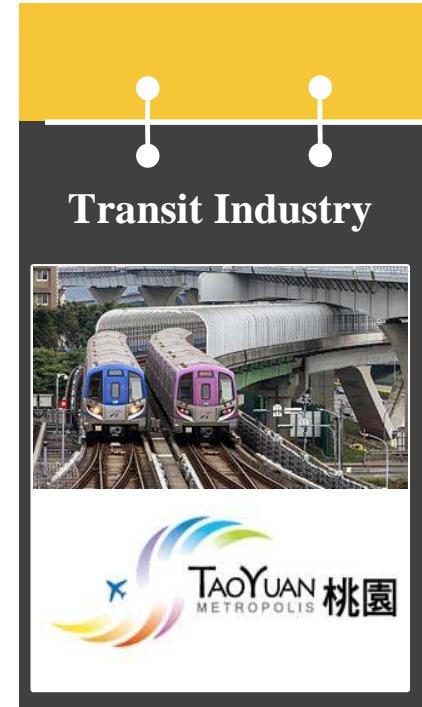
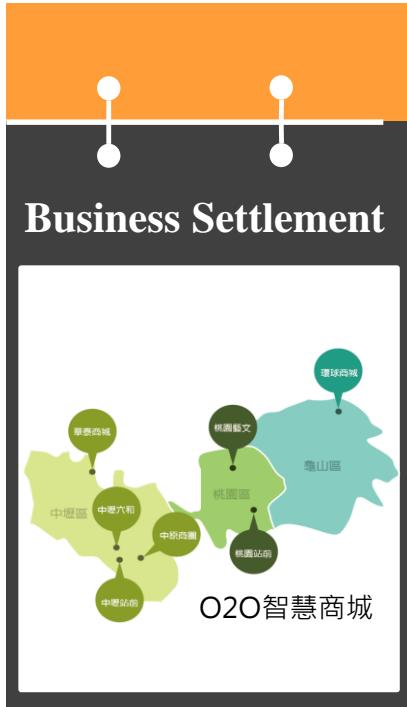
## Smart Wristband



# Smart Industry



# ▶▶▶▶▶ Smart Industry (Cont.)





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# Taoyuan Smart City Highlight Plans

# ►►►►► Big Data Analytics Platform



Food Security Risk Ana.

- Quickly grasp degree of risk
- Quickly select audited objects

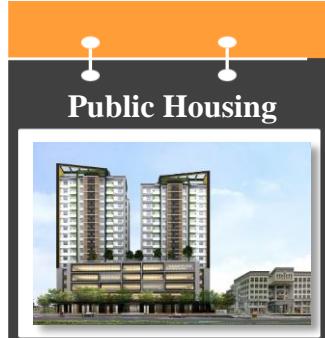
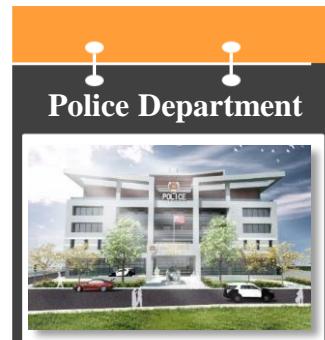
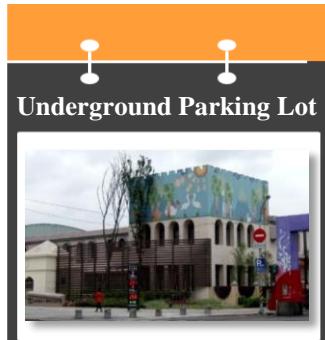
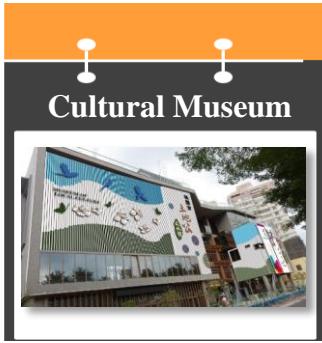
Traffic Safety Analytics

- Find hot spots
- Find causes of accidents
- Provide traffic safety measures

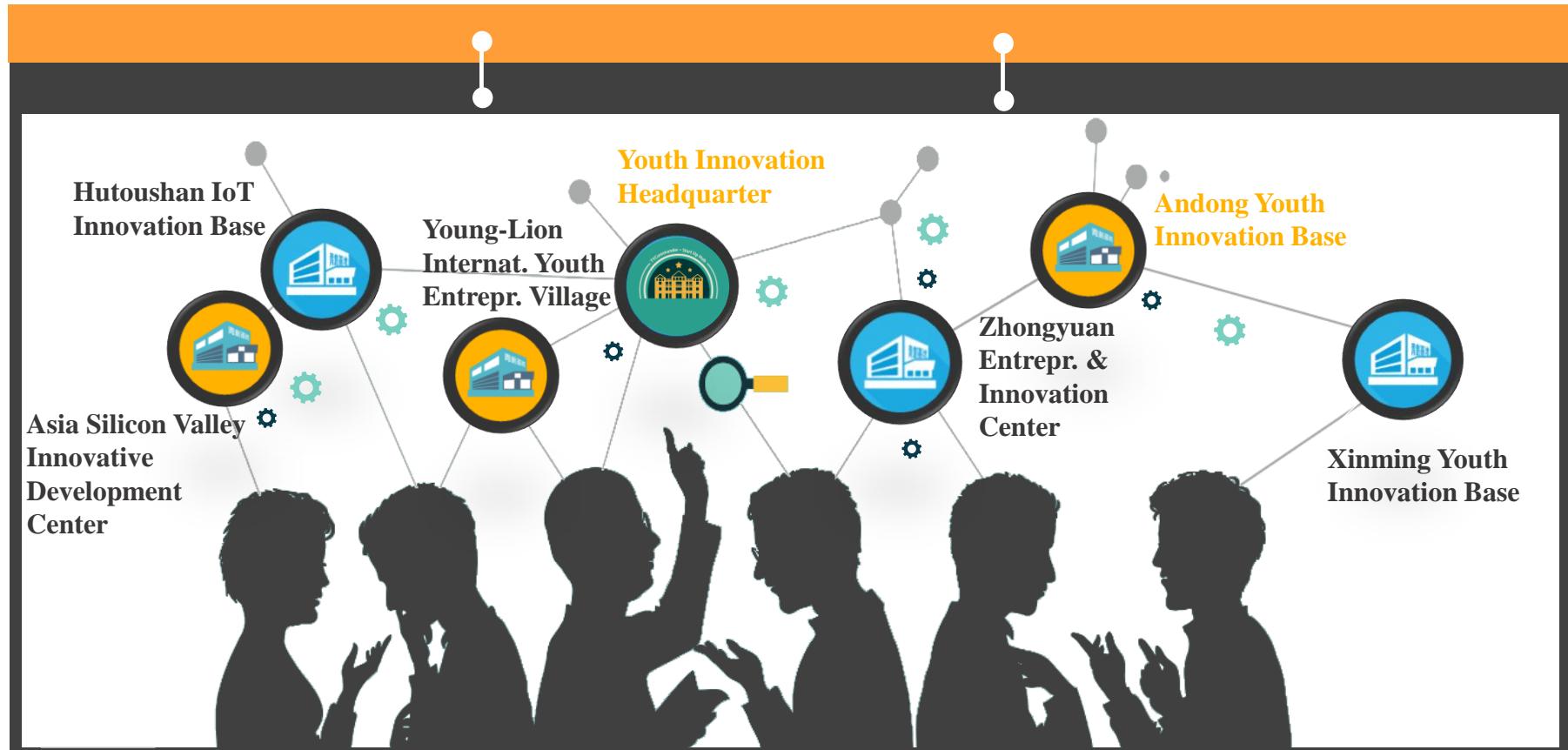
Road Construction Ana.

- Understand impact of road construction
- Decision-making during the day or night

# ►►►►► Smart Building Application



# ►►►►► Youth Innovative Entrepreneurship



# 5G Test Sites

## Smart UAV Monitoring Service at Guanyin Industrial Area



## Smart Transit Service with Driverless Shuttle Bus



## Smart Entertainment Service at Taoyuan Baseball Stadium



# ►►►►► QingPu MRT District Test Sites





Thanks for your attention

