

MR.B&B in Taichung

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Welcome to Taichung

The Most Livable City in Taiwan

– Apr. 13th 2016 by CNN



Taichung City Profile

Geography

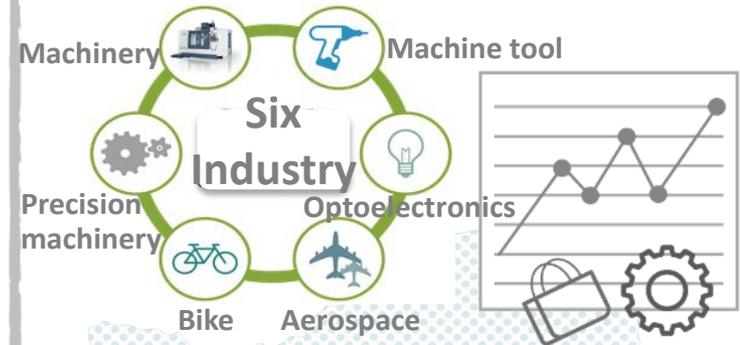
The Second Largest Municipality in Taiwan

No.2

Taiwan's Central Core

2,215 km²

Industry



Population

The Second Largest Population in Taiwan

No.2



2,778,182 people

Traffic

HSR + Intl. Airport & Harbor

1,060,518

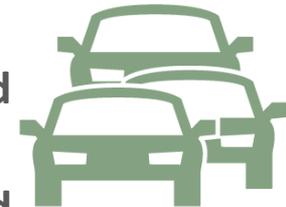


1.12 per household

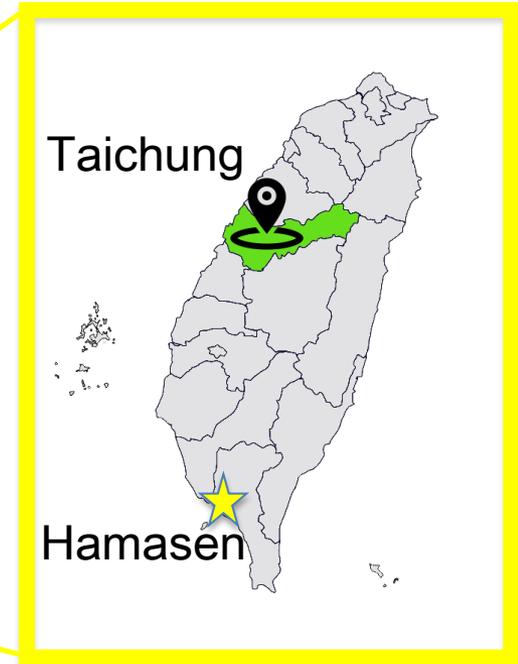
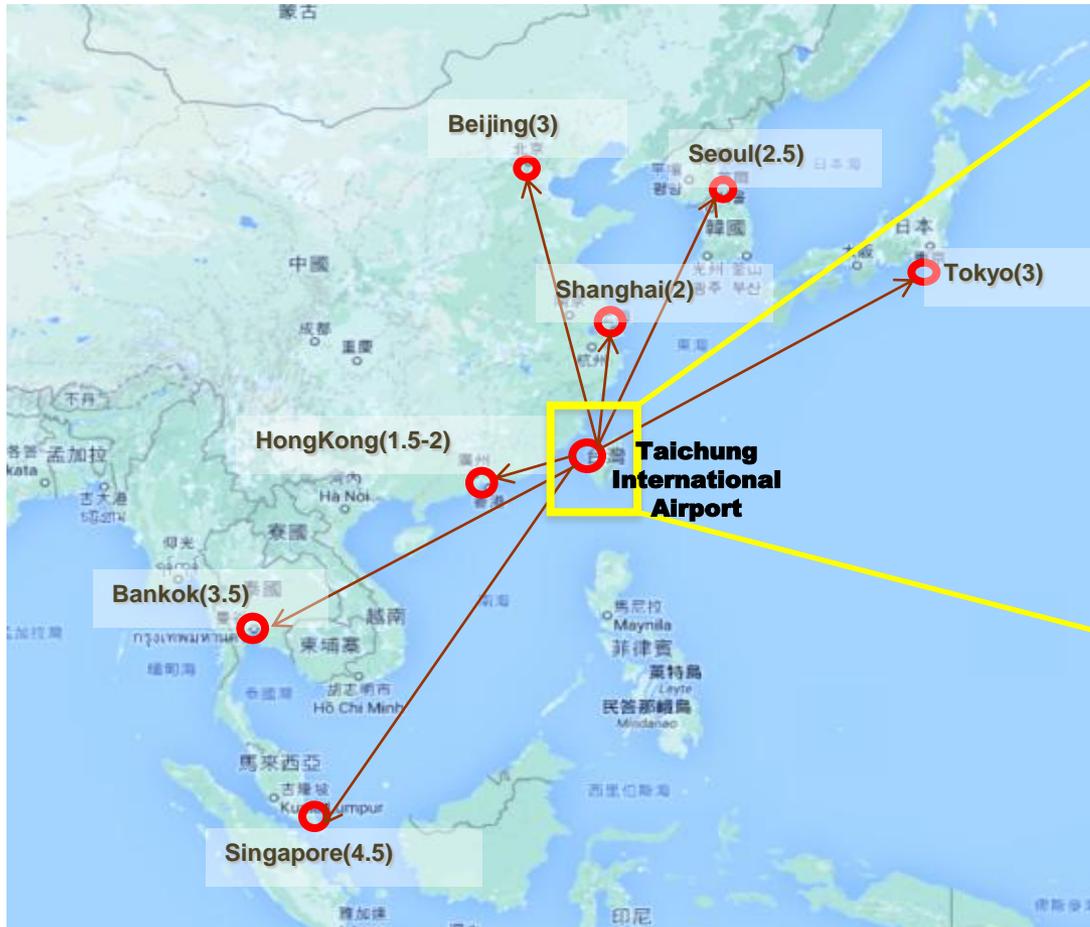
1,665,116



1.76 per household



4-hours voyage from Taichung Intl. Airport covers 90% main cities of East-Asia



- **Cross-strait Airlines**
26 waypoints ; 44 flights/per week
- **International Airlines**
10 waypoints ; 88 flights/per week

Small Area

Balanced Development

Small Taichung

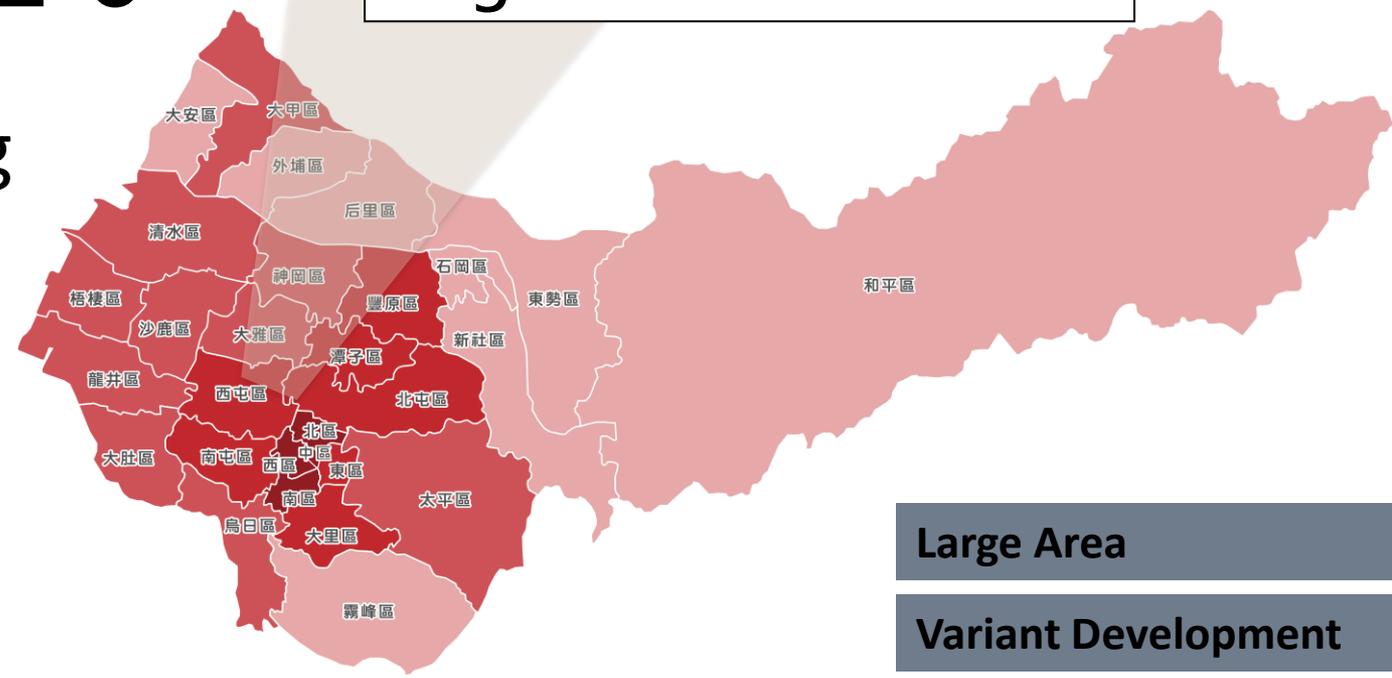


Before 2010
After

Degree of Urbanization

Great Taichung

Now we have **29** districts



- Density
- more than 10,000/km²
 - 4000~8000/km²
 - 1000~4000/km²
 - less than 1000/km²

Large Area

Variant Development

Great Taichung 123

Urban Structure Reinforcement by Connecting CBDs through **Green Line** and **Railway**

ONE TAICHUNG Circle Railway

- Upper Taichung Yamamoto Line
- Lower Taichung Yamanote Line

THREE SUB-CBDs

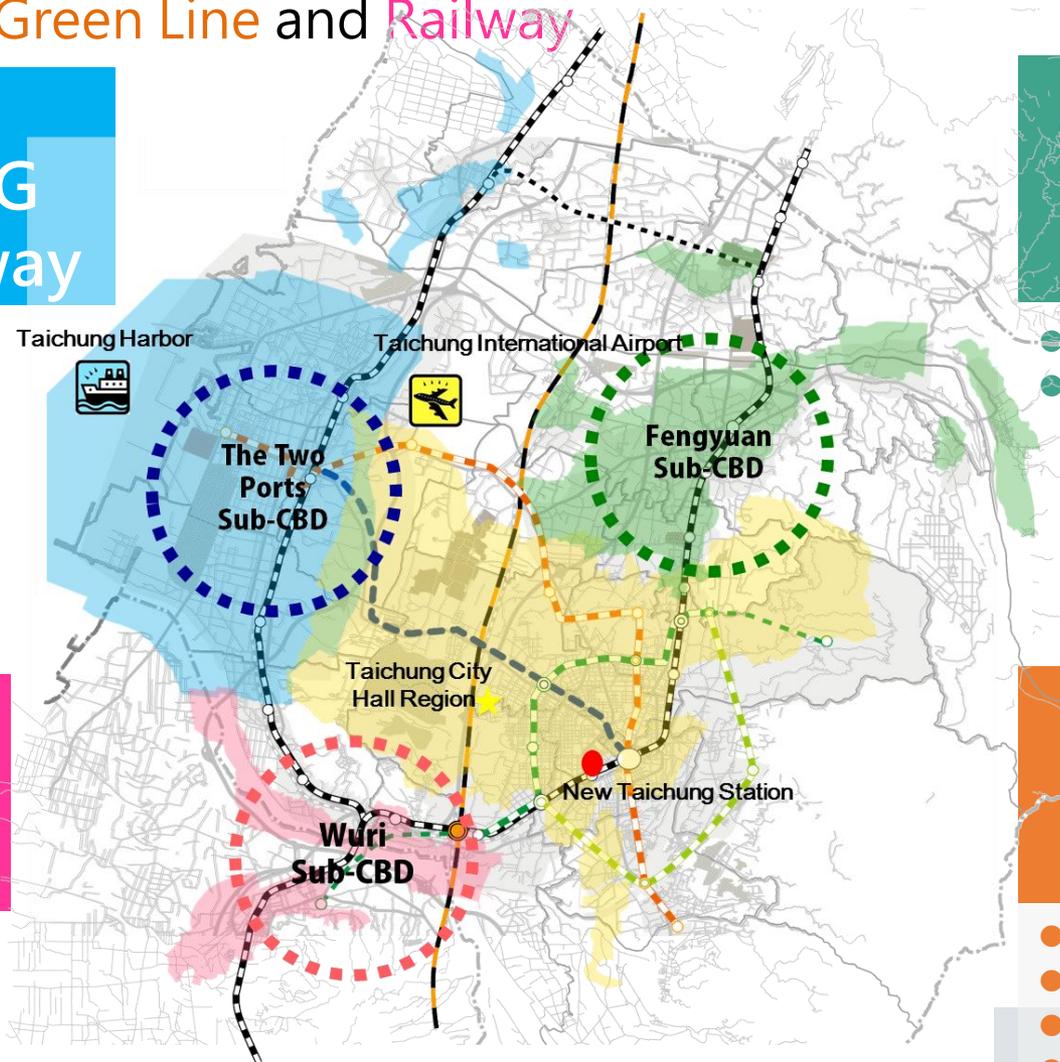
- Wuri
- Fengyuan
- The Two Ports

TWO INTER- NATIONAL PORTS

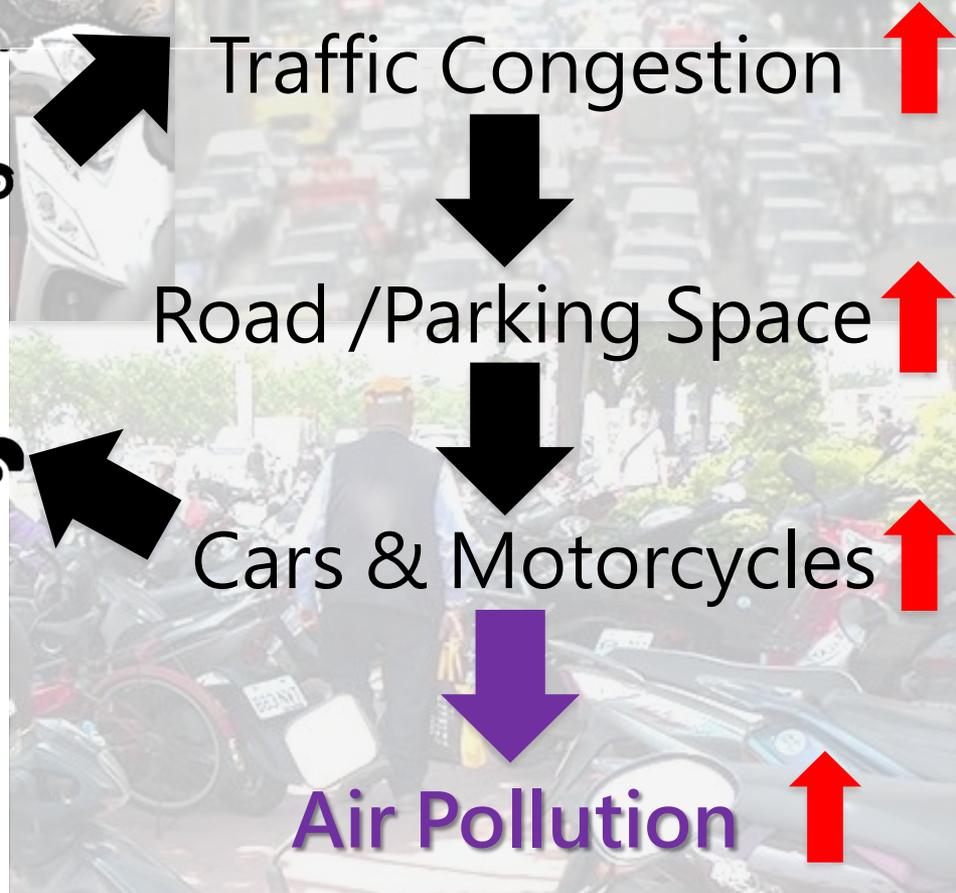
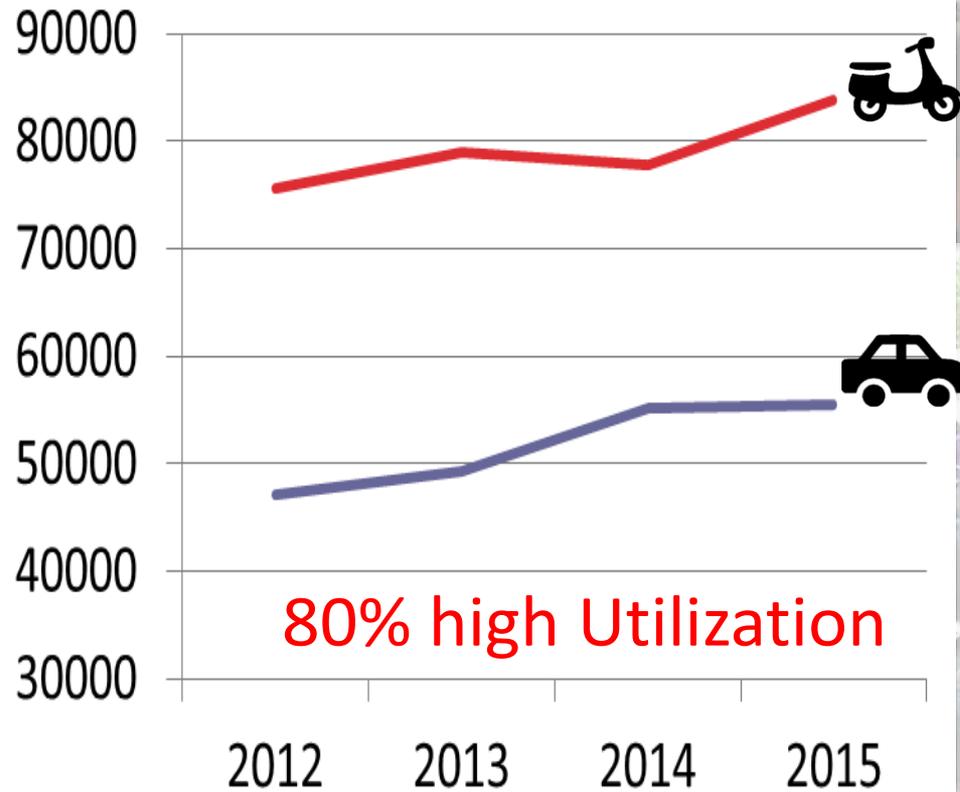
- Port of Taichung
- Taichung Airport

MRT and Railway

- Green Line
- Elevated Railway
- Taichung City Hall
- New Taichung Station



Our Challenges



Down into the Negative Cycle!!



WE FIND THE SAVIOR

Integration & Share

- Intermodal Transportation
- Combined with T.O.D.
- Green and Smart Transport



WHO is **MR. B&B**?



Green Alliance

The Axis of Evil



Bike 、 Walk 、
Taxi 、 ...

VS





M

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R

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B

us



B

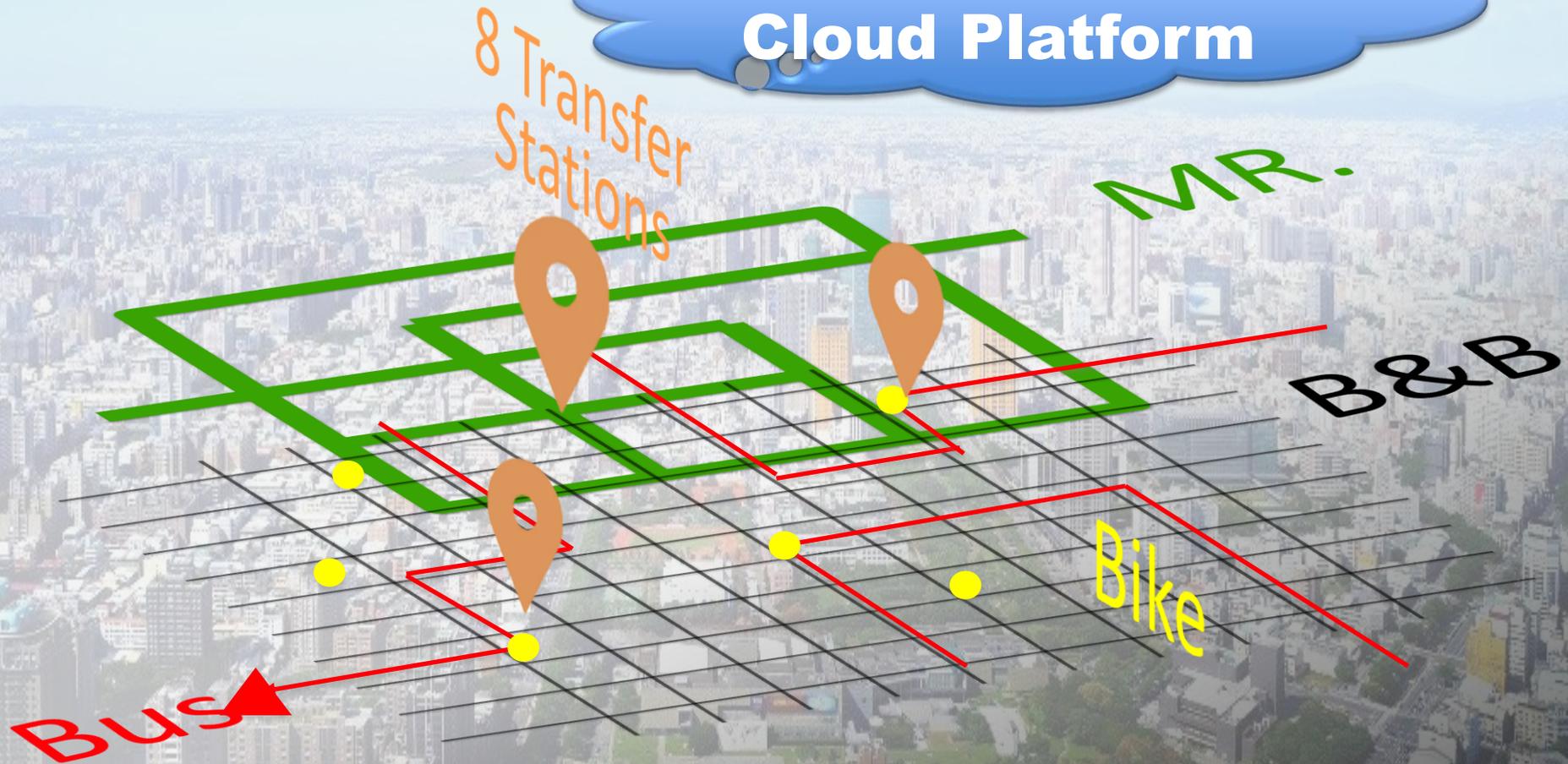
ike

Smart Traffic

Intermodal System

Smart Traffic
Cloud Platform

8 Transfer
Stations



沙鹿

大甲

新烏日

水湳

朝馬

台中

豐原

霧峰

轉運站

轉運站

轉運站

轉運站

轉運站

轉運站

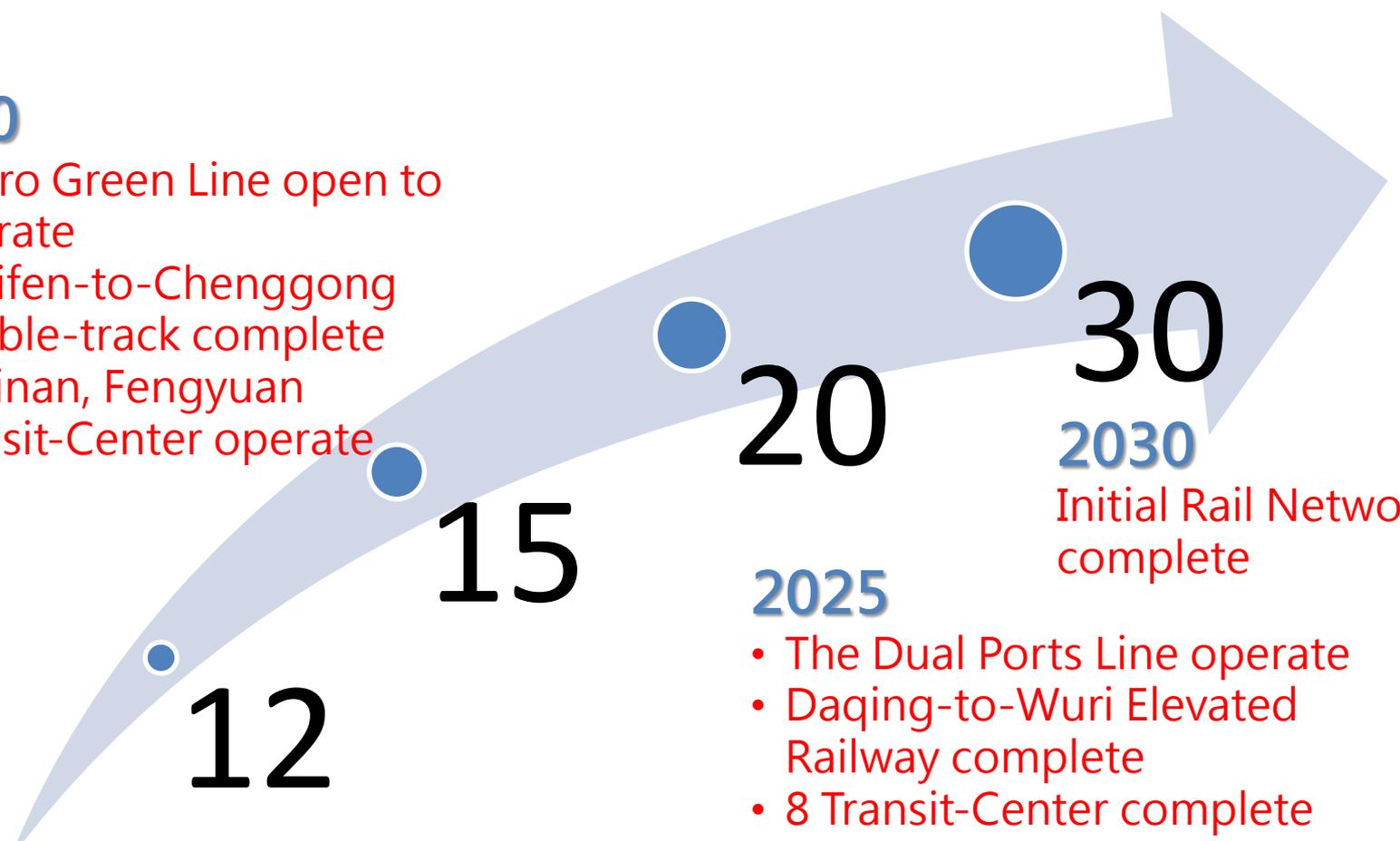
轉運站

轉運站

Target of Public Transport Utilization

2020

- Metro Green Line open to operate
- Zhuifen-to-Chenggong double-track complete
- Shuinan, Fengyuan Transit-Center operate



Now, 2017

12

15

20

30

2030

Initial Rail Network complete

2025

- The Dual Ports Line operate
- Daqing-to-Wuri Elevated Railway complete
- 8 Transit-Center complete

Metro & Rail Network

Under Construction

 MRT GREEN

Planning

 Loop-line Rail

 MRT BLUE

 MRT GREEN EXT.

In the Future

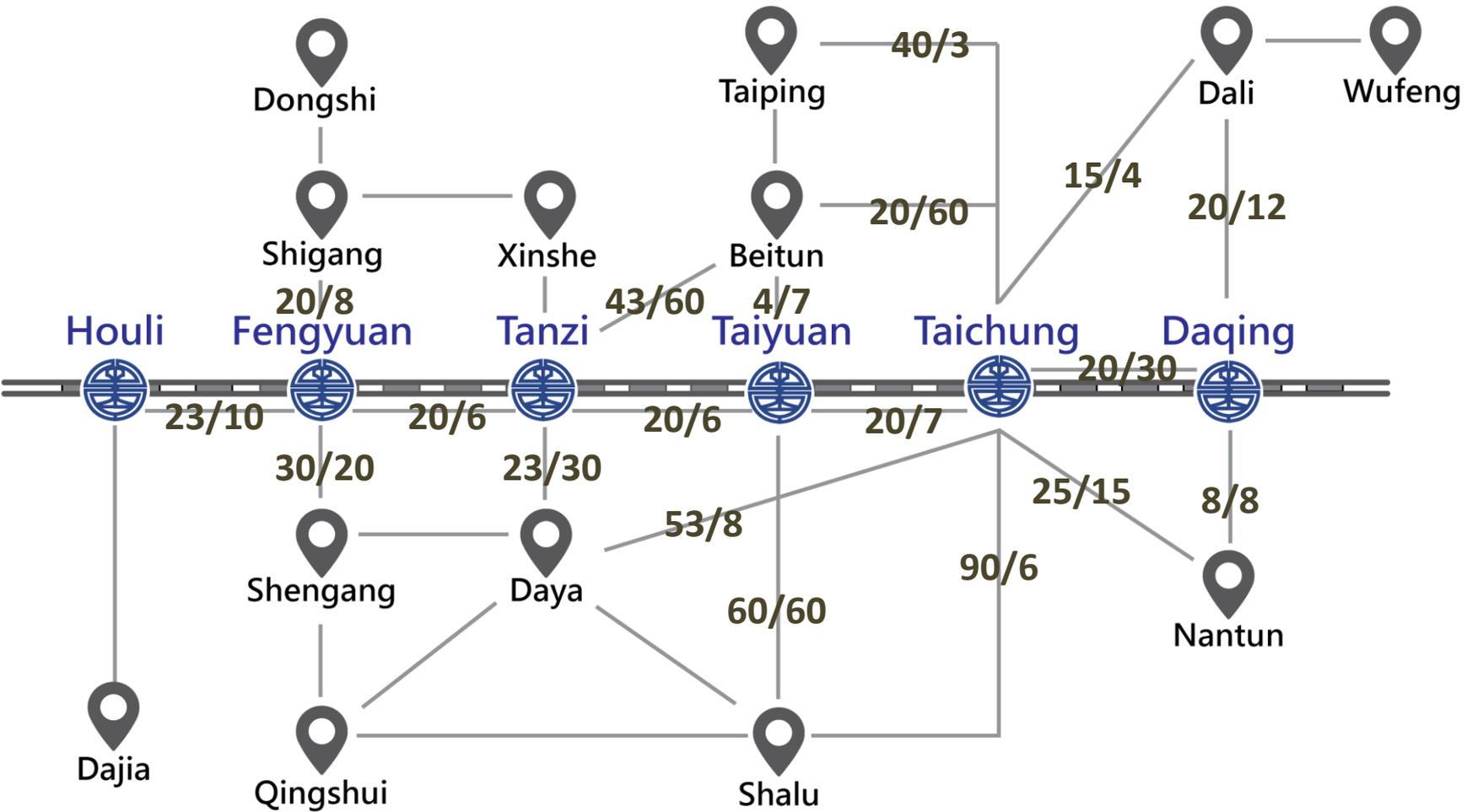
 Dual Port Line

 LRRT EXT.

 MRT BLUE EXT.



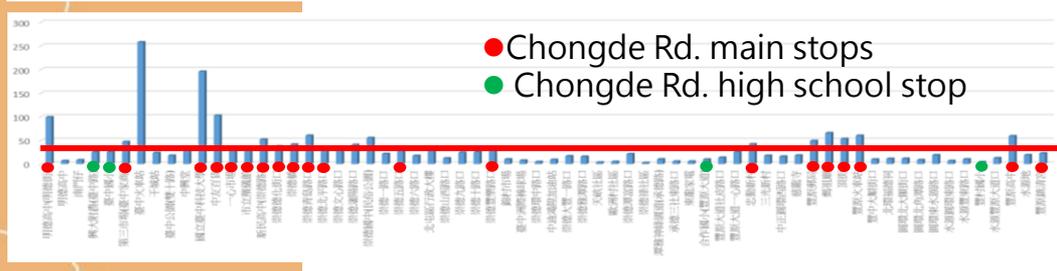
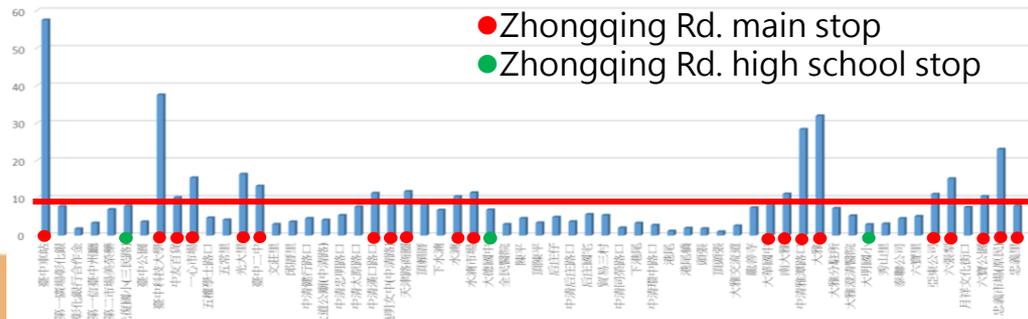
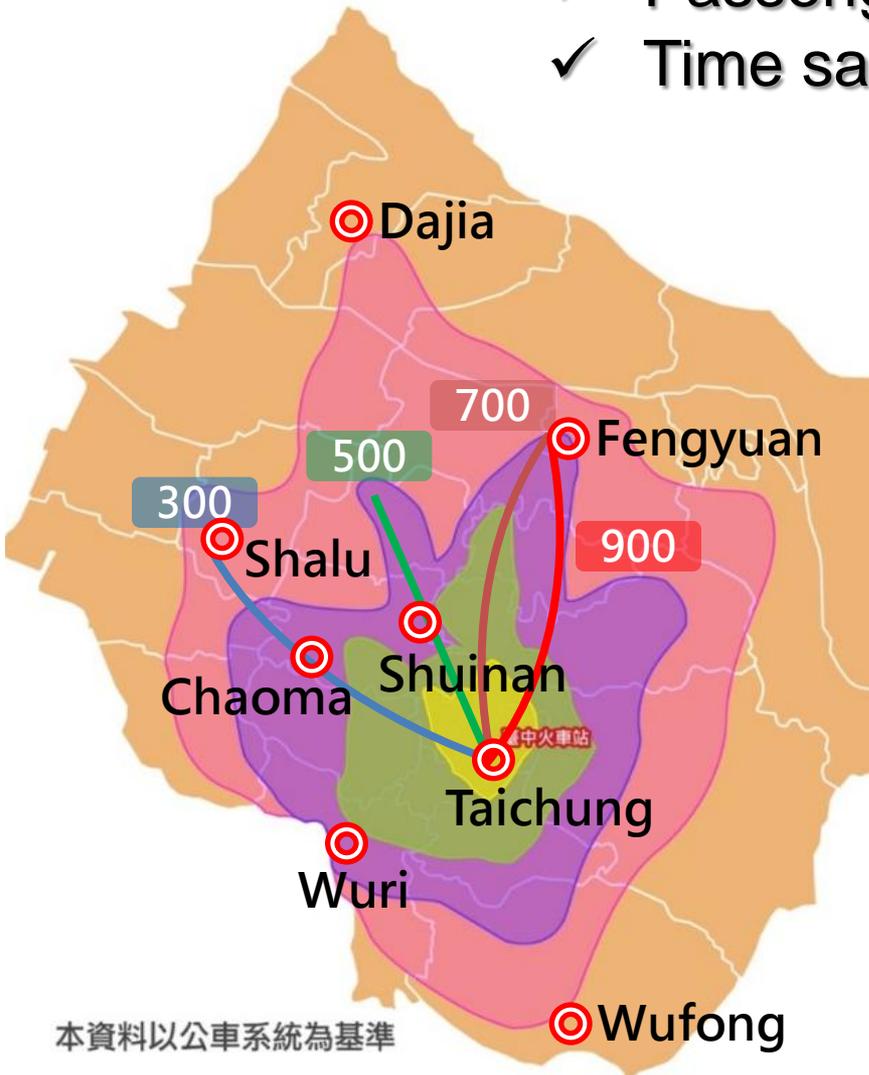
Railway Stations integrated with Bus Lines



Bus Line 23/30(Travel Time/Peak-Hour headway)

579 Commuting Bus Lines

- ✓ Operation during the peak hour
- ✓ Passengers increased by 10%
- ✓ Time savings of 10-15min



DRTS : Taxi-Bus for Rural areas

- ✓ The operating loss subsidy is reduced
- ✓ The average number of passengers is increased

Before Bus 222



Now DRTS Taxi-Bus Yellow 1



- Low occupancy rate
- High transportation cost

- Routes: 2 (more routes continuous)
- Dial: reservation line to book
- Vehicle: vehicle identification of car side
- APP: reservation by smart phone in the future

Bike

is the public bike

ANYWHERE YOU WANT TO GO

School
Market
Work
Sport
Relax
Travel

...

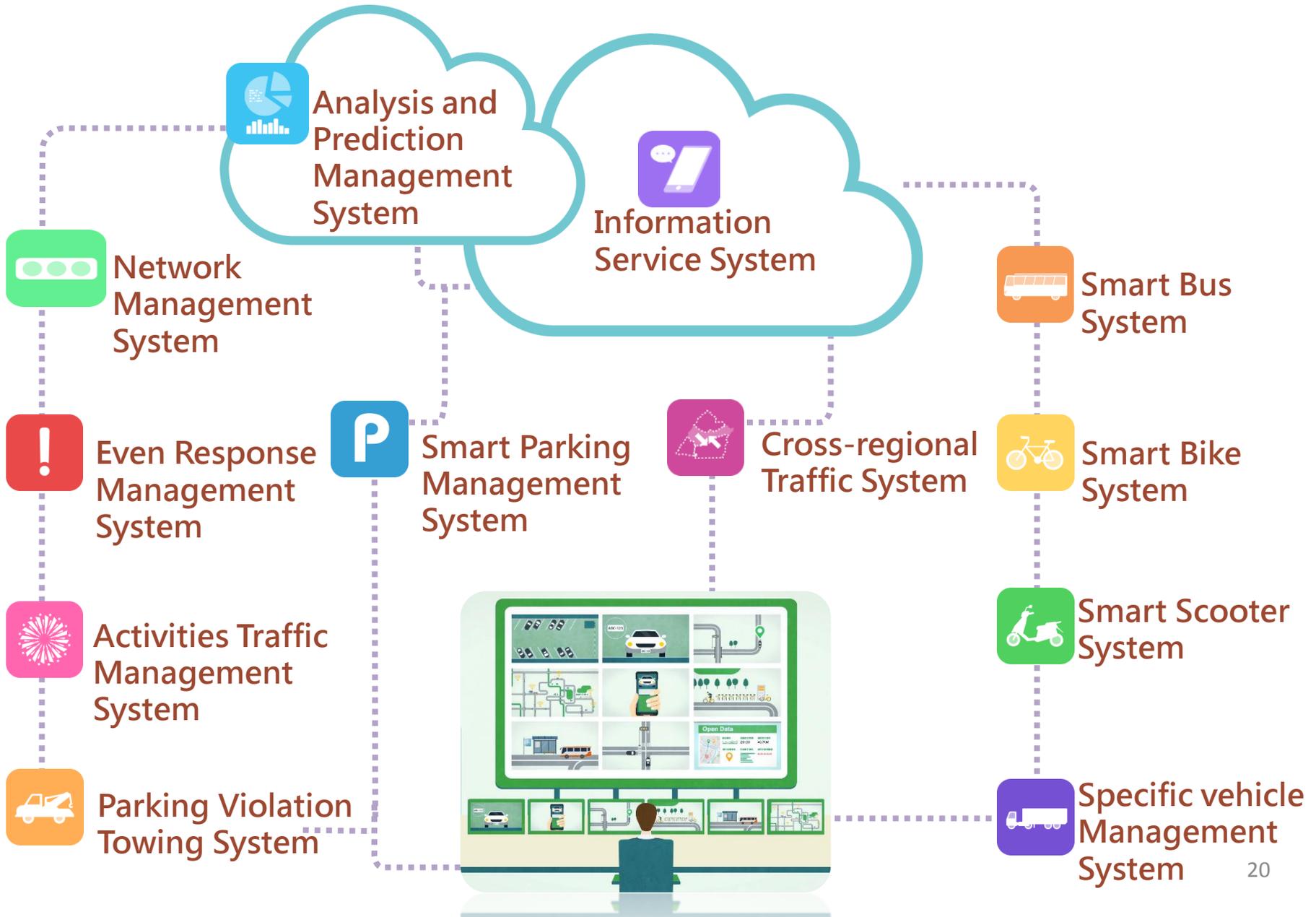


Elders

Adults

Children

Architecture of Smart Traffic



MaaS in Taichung



Real-time Traffic Conditions

Bus / iBike

Parking Area / Taxi

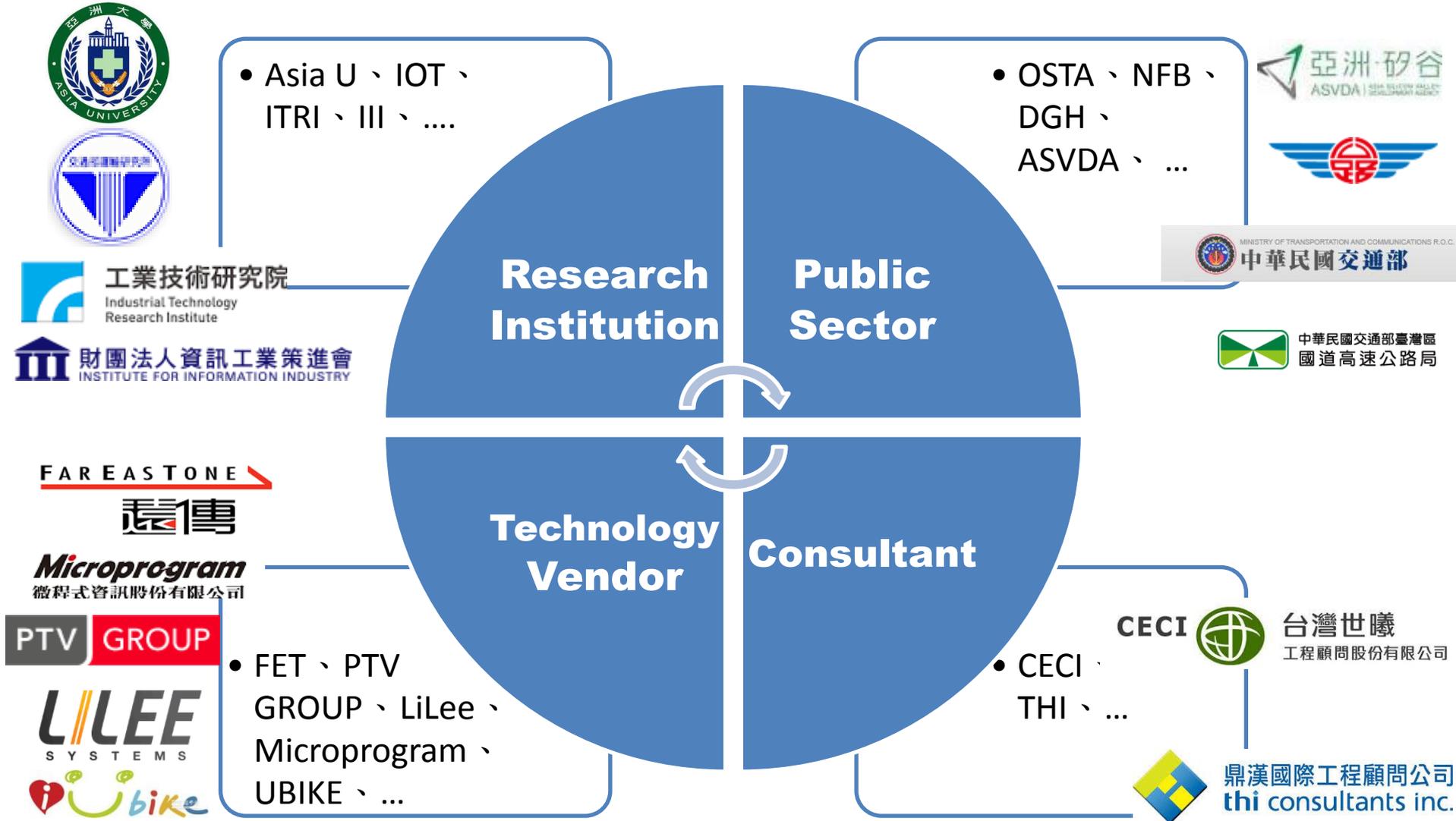
Time Table of HSR / Railway

Red-Light Violation Speed-Measuring Apparatus / High Risk Intersections

Latest News

Civil Participation & Cooperation

✓ Build the Eco System of Smart Traffic



Closing Remarks

Cross-Systems and Departments integration to offer door to door Public Transportation Services

- ✓ The most advantage of private transport is **door to door**. With convenient and **seamless services**, users will have the will to transfer to public transport .
- ✓ On the basis of railway backbones and TOD, we could achieve **MR. B&B** through well integrated among **network, timetable, electronic ticketing** and **information**.



Thanks for listening.

