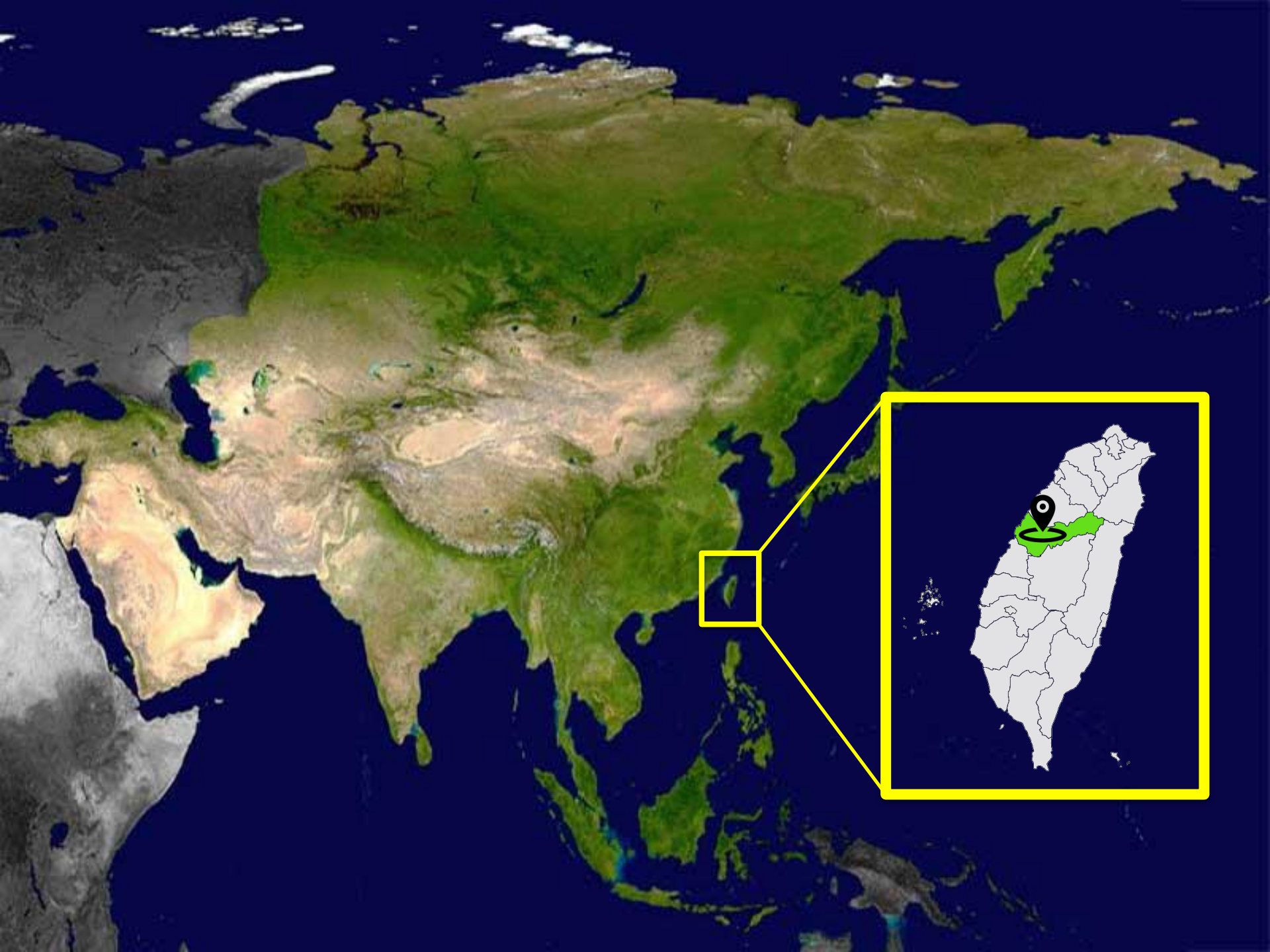


Transit-oriented developments: Creating demand for metro services

Wang, Yi-Chuan





2,746,112



2,214km²



1,045,048



1,651,610



2,695



Football Stadium

Small Area

Balanced Development

Before

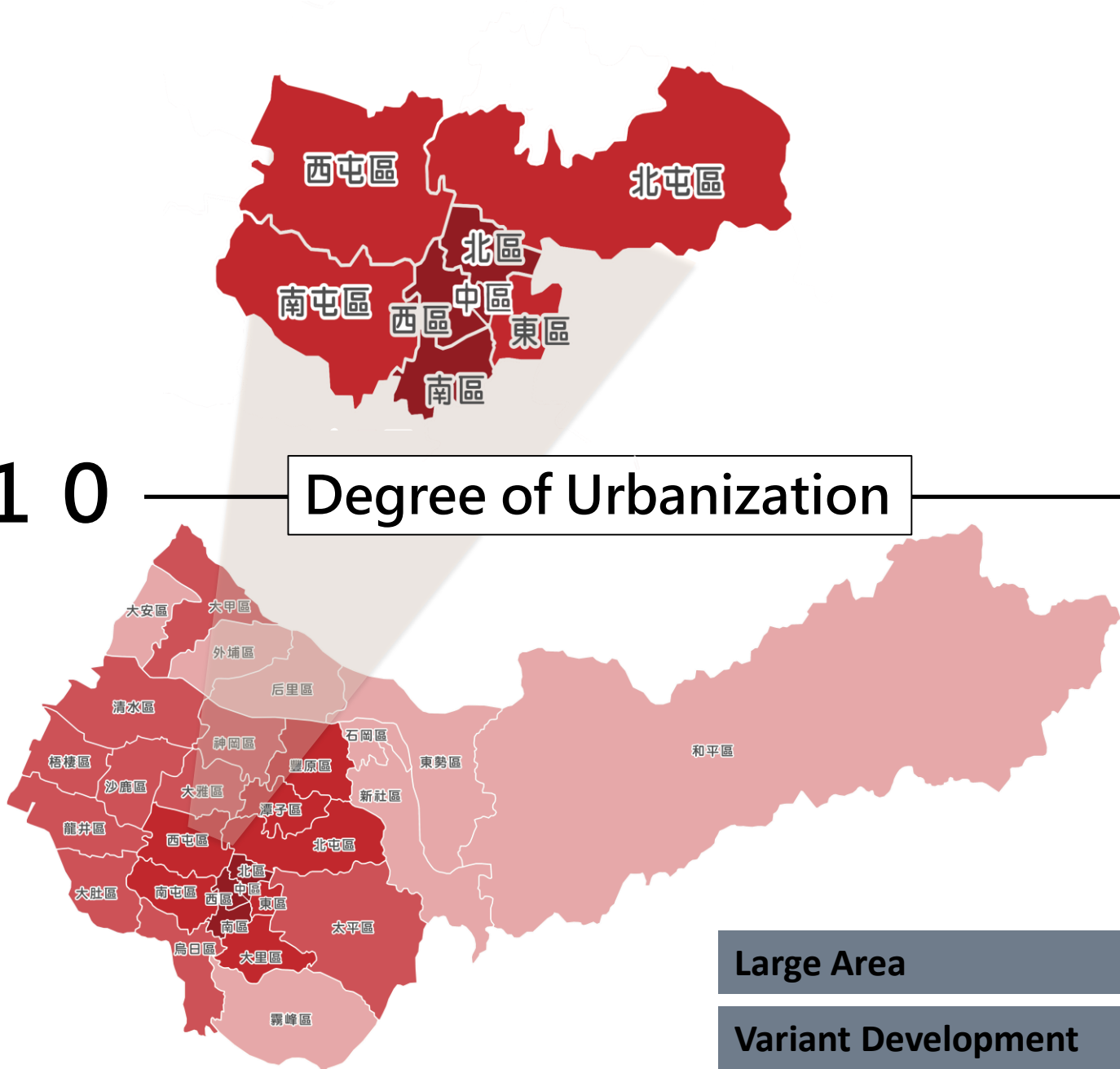
2 0 1 0

After

Degree of Urbanization

Density

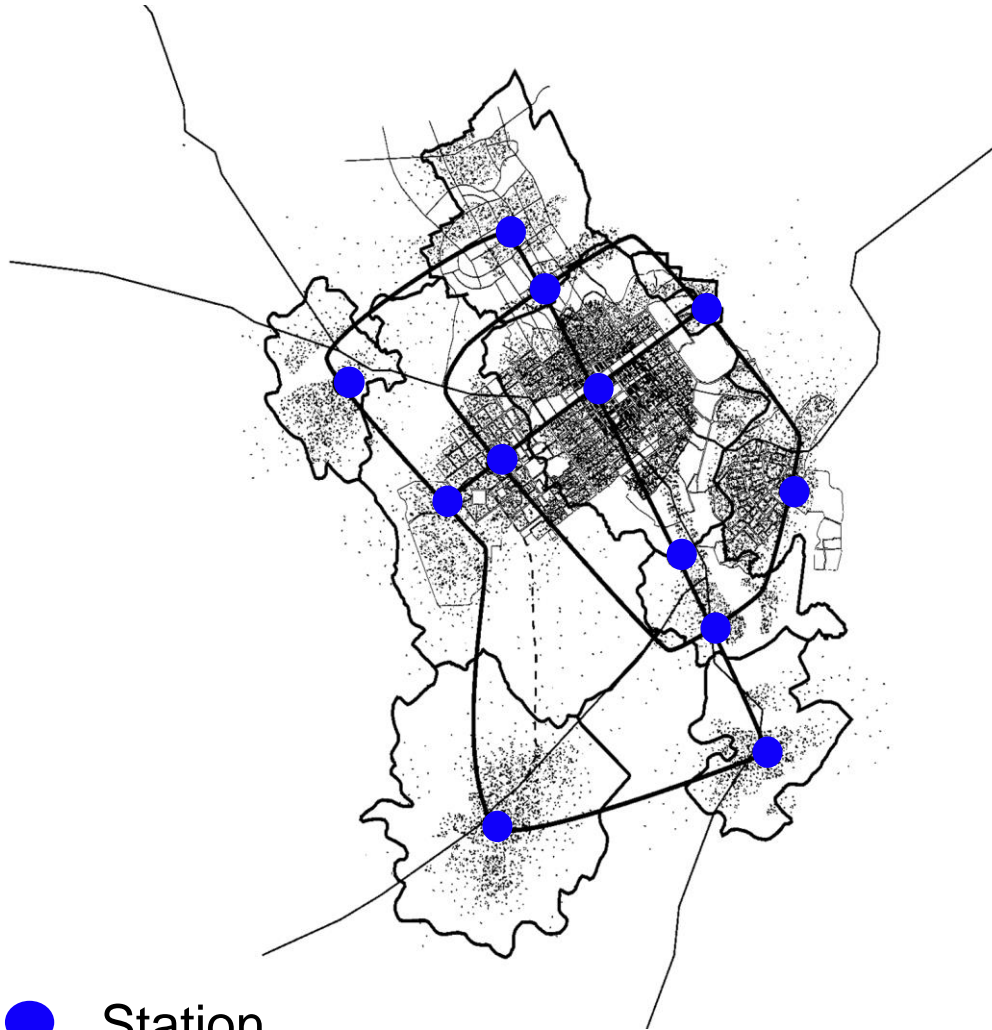
- more than 10,000/km²
- 4000~8000/km²
- 1000~4000/km²
- less than 1000/km²



Large Area

Variant Development

Traditional Metro Network Plan



● Station



Concentration of Population

According to

- Travel Demand
- Population Density
- Current Metro Line
- Density of Network
- Numbers of Transfer
- To Solve Traffic Jam Problem
-

Both-ends Development in Urban

Rural

- Decentralization
- Uneven Development
- Inconvenient Environment
- Construction Shortage

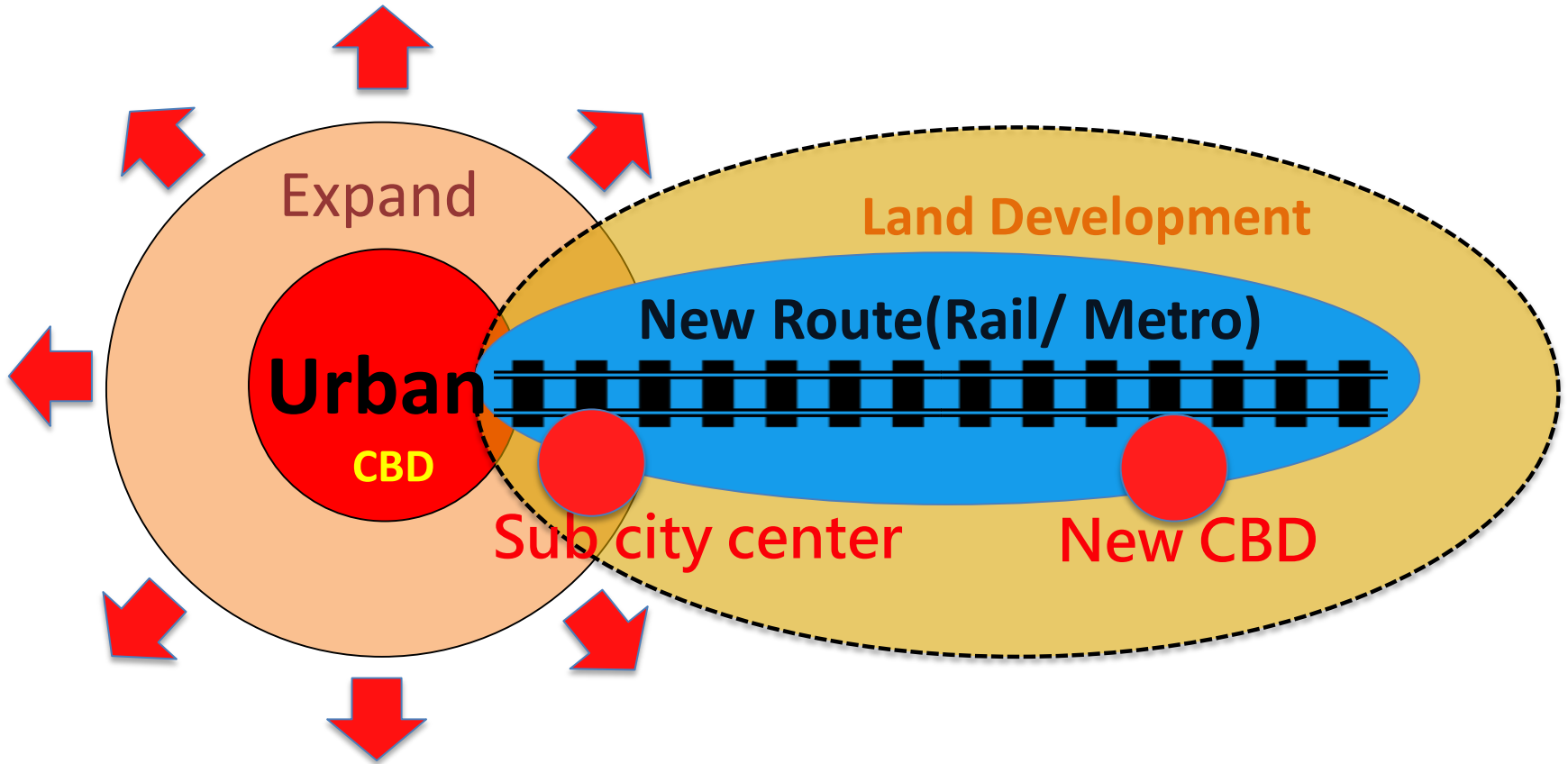


Urban

- Concentration
- Crowded
- Expand from CBD
- Congested Traffic
- Insufficient Construction

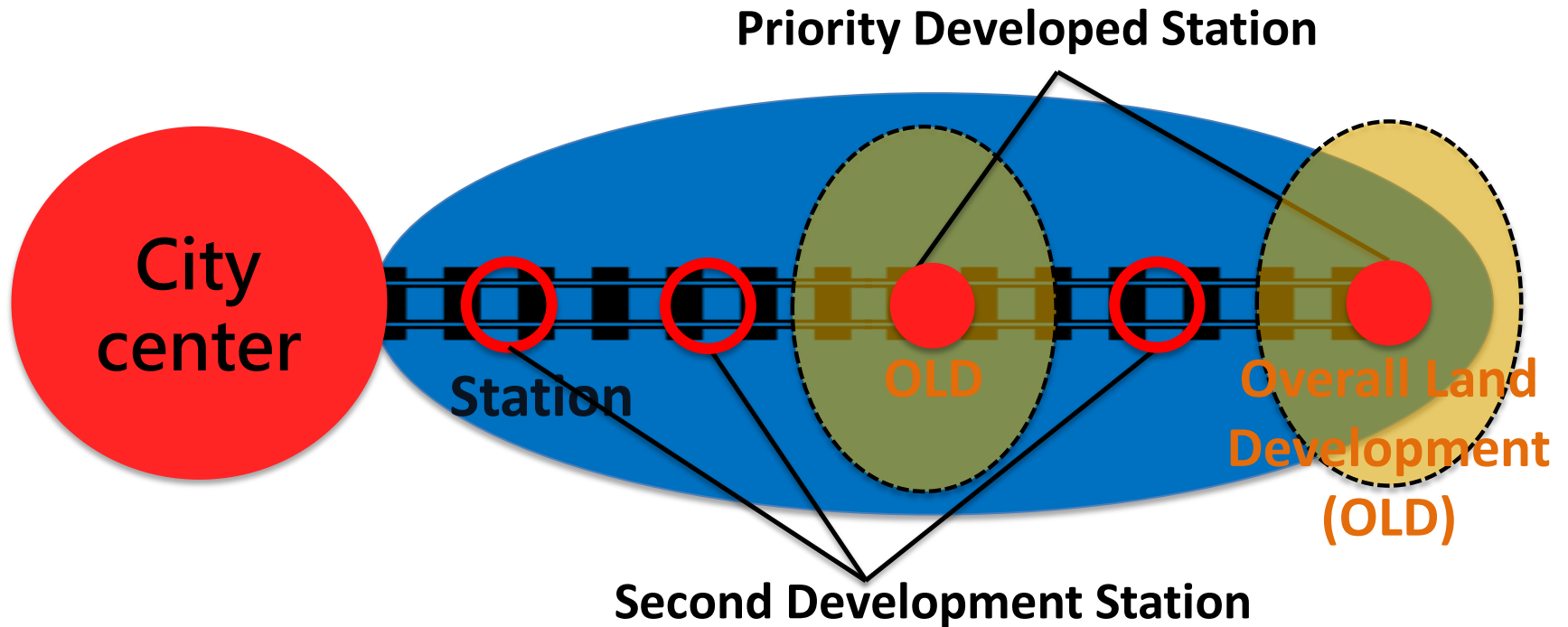


A New Thinking



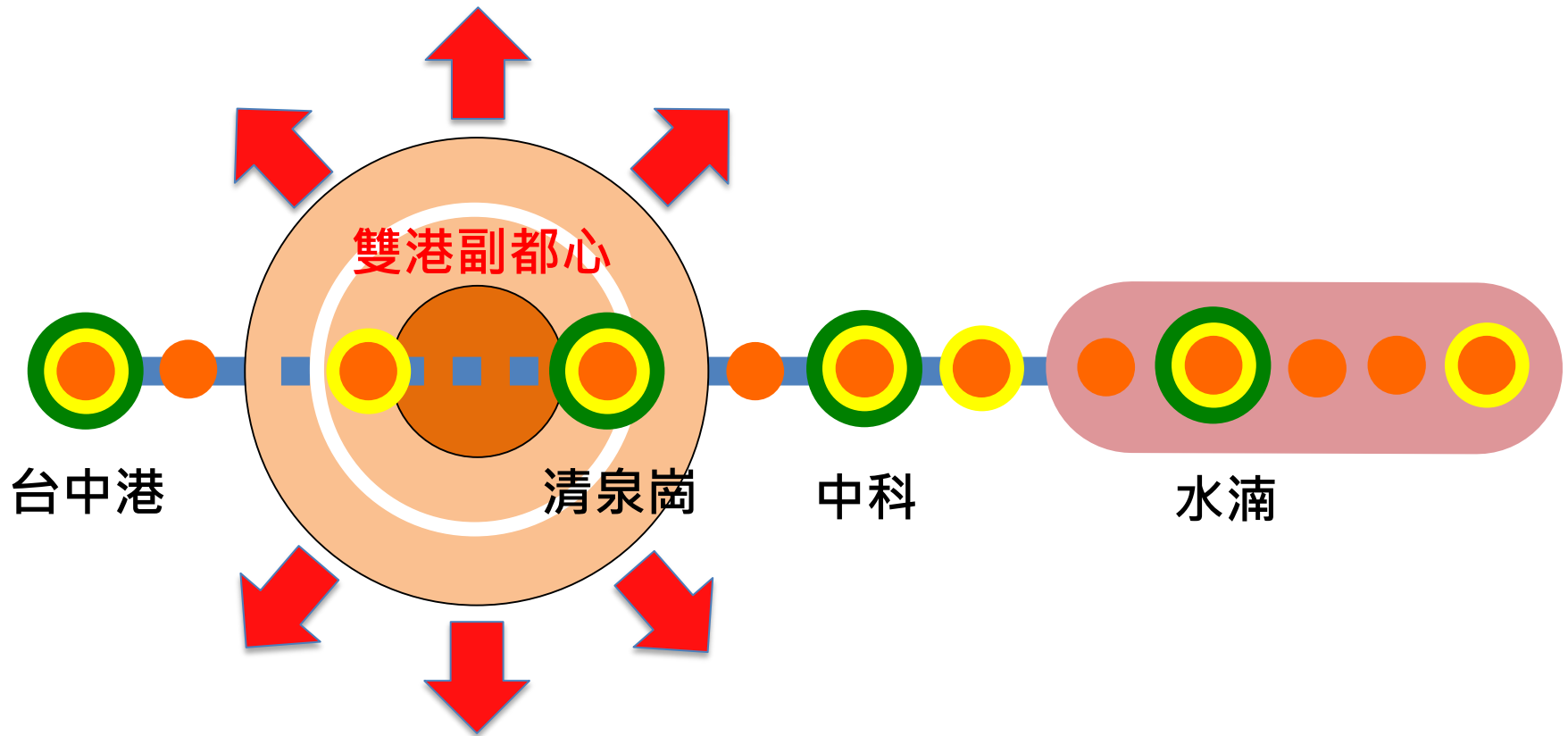
- ✓ Metro(Rail) line will promote the land development
- ✓ New CBD will carry out next to metro line

A New Thinking

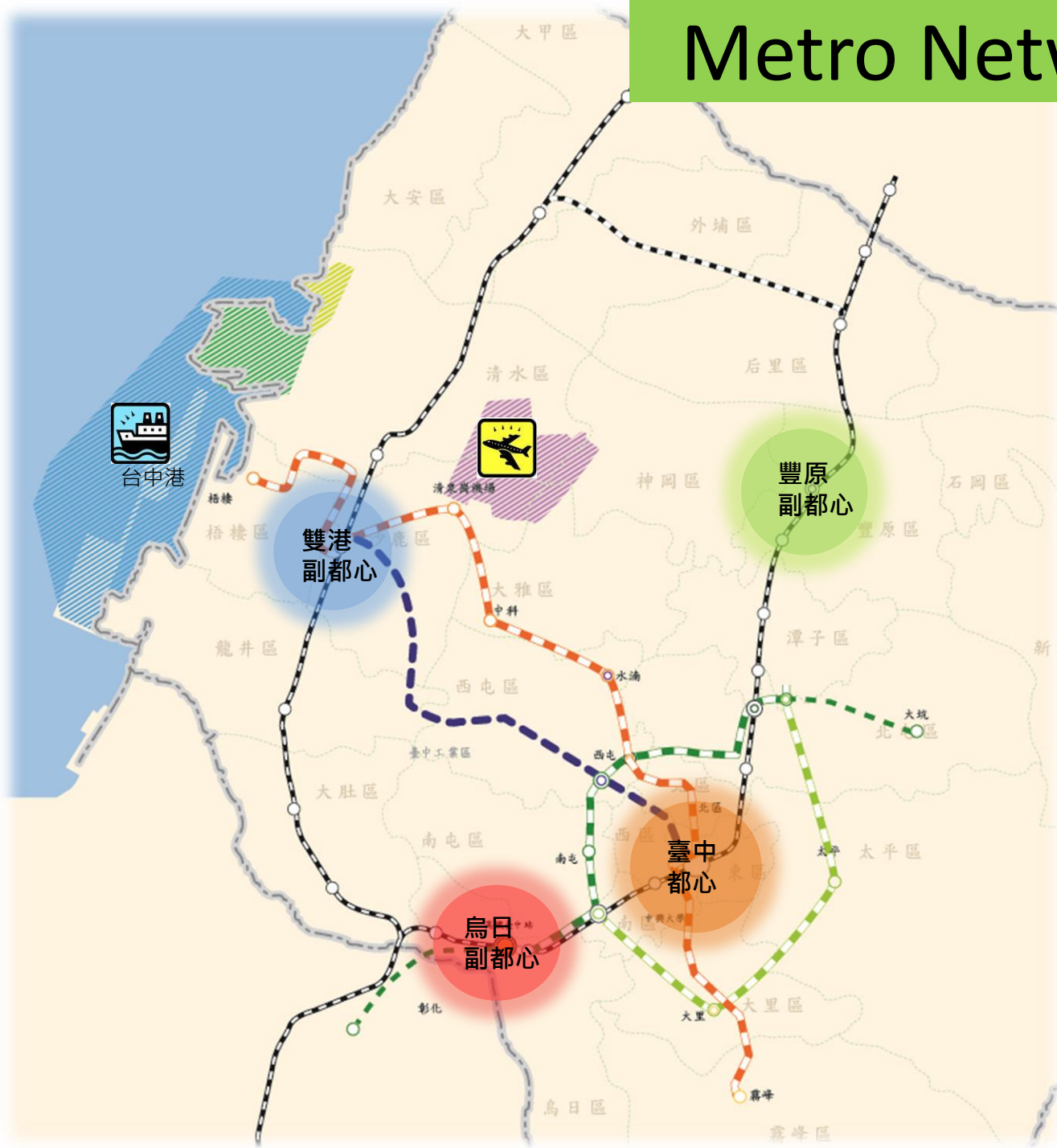


- ✓ The station in OLD will be Priority established.
- ✓ The sequential of established station will be base on development of land and making town.

Case in Taichung city



Metro Networks





OTHER SUPPORTING?

TO IMPROVE THIS DEVELOPMENT

MR B&B



M

etro



R

ail



B

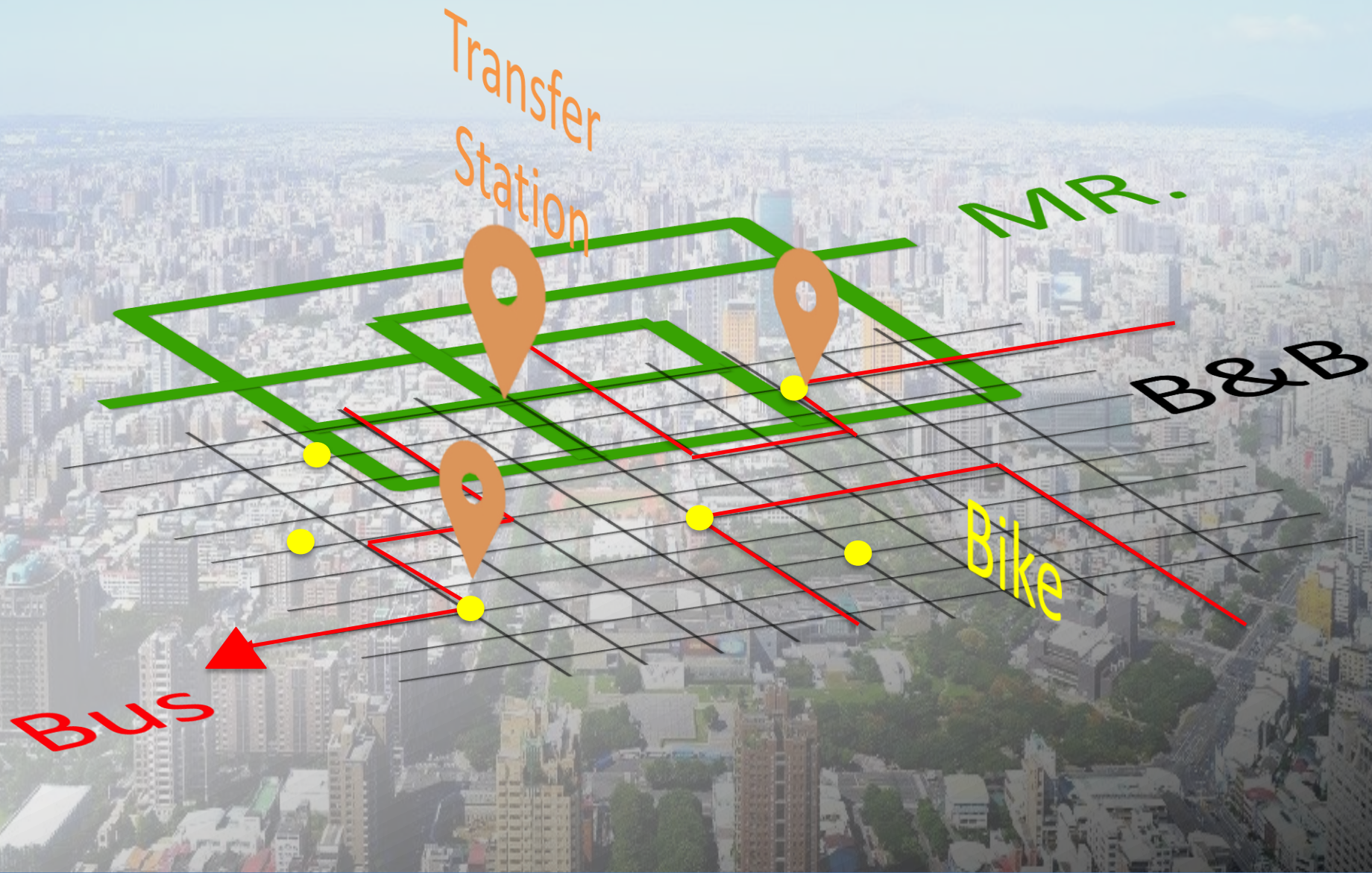
us



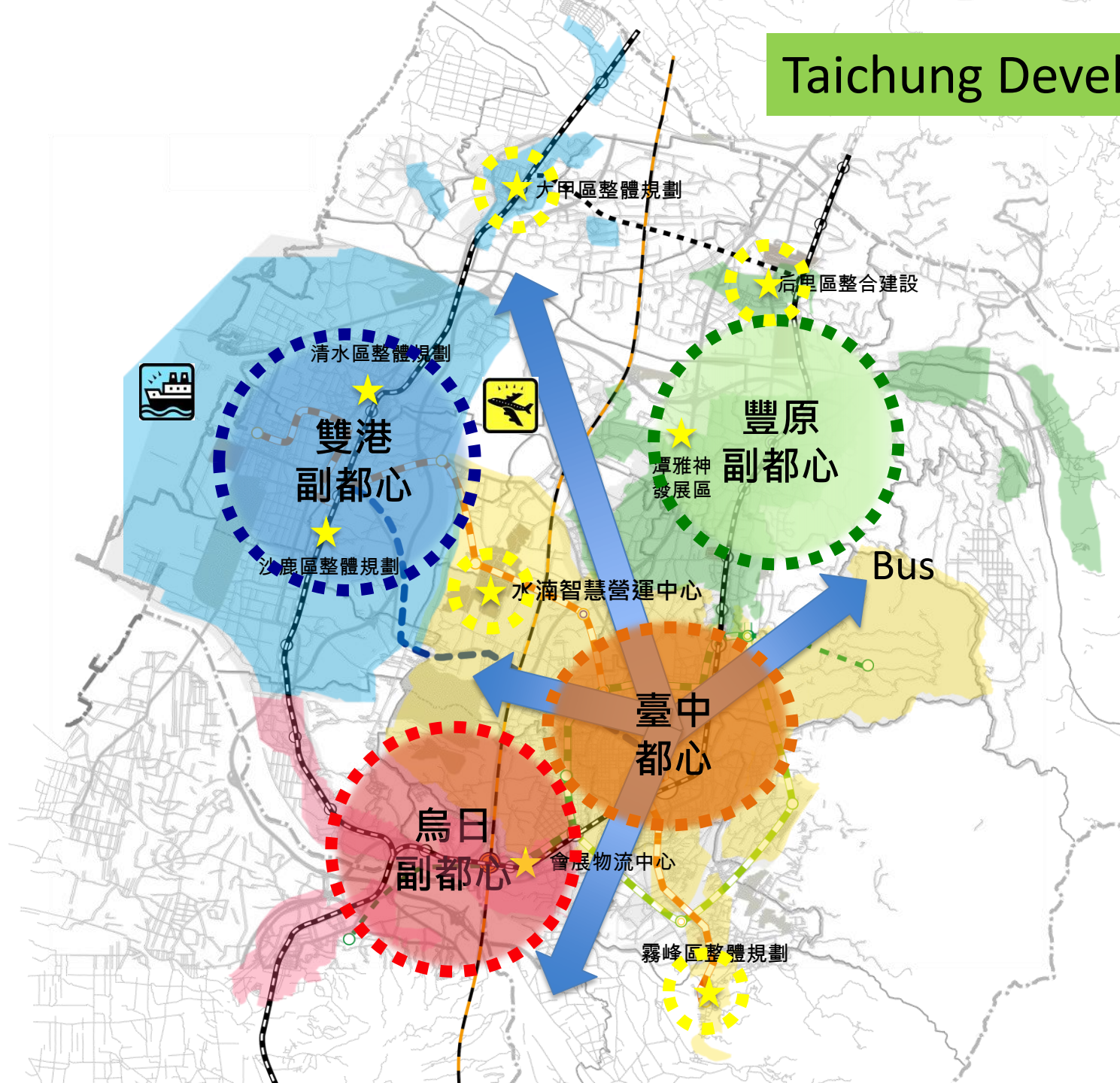
B


ike

Integrated Transportation System



Taichung Development



A large group of cyclists and pedestrians are gathered in a vast field of yellow and pink flowers. In the foreground, several cyclists wearing blue and white jerseys are posing with their bikes, some making peace signs. The field is filled with people, and a paved path winds through the flowers. In the background, there are palm trees and a small white building with a steeple under a clear sky.

Welcome to Taichung