

# Taipei Western Gateway Preliminary Planning and Design

臺北市政府都市發展局

**Department of Urban Development, Taipei City Government**

執行單位：

台灣歷史資源經理學會

境群國際規劃設計顧問股份有限公司

經典工程顧問有限公司

**Partners for Taipei Western Gateway project :**

Institute of Historical Resources Management

EDS International, Inc. Environment Design Services

Classic Landscape Design and Planning

**Liu Hui Fang, Sep. 2017**

# Taipei city & Background of the Taipei Western Gateway project

Early Qing

Mid Qing

End Qing

Early Japanese colonization

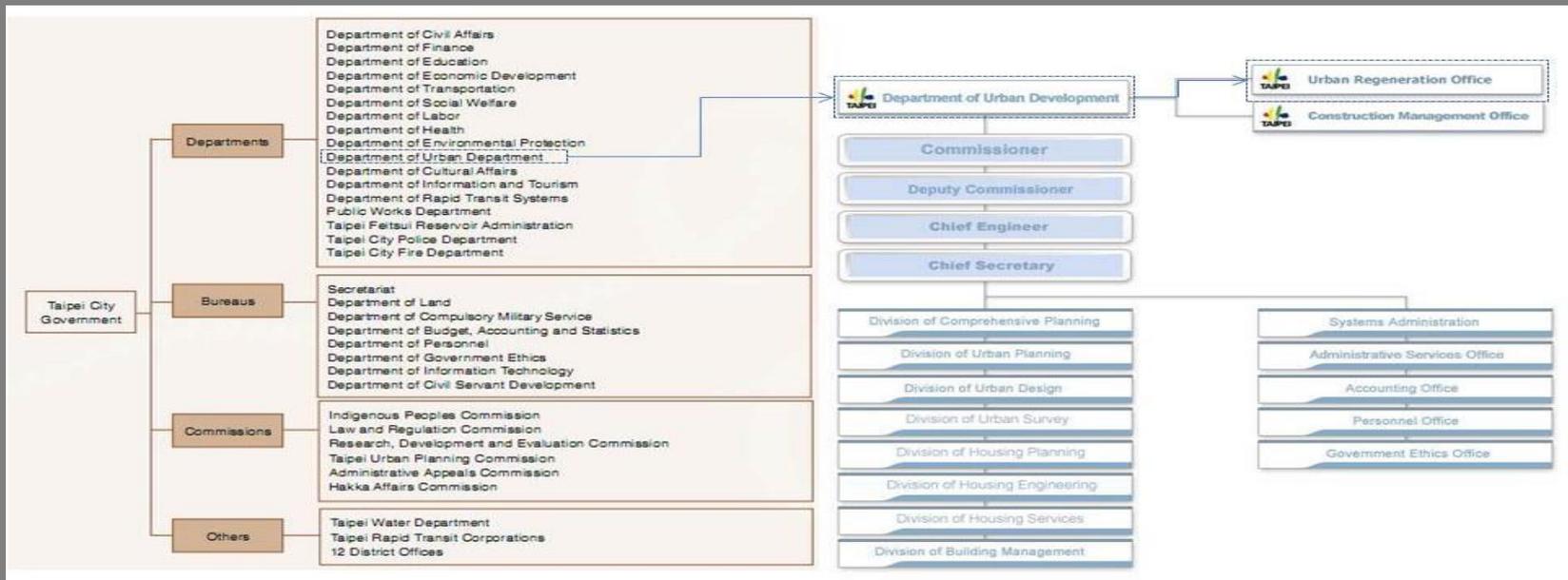
Mid Japanese colonization

End Japanese colonization

After WWII



The center of the city shifted from west to the east



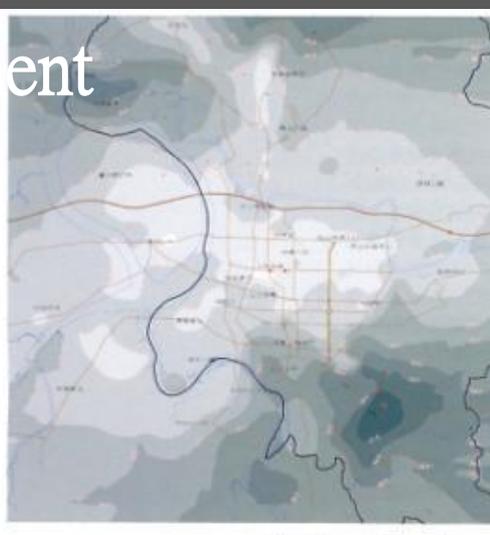
Organization of Taipei city government

# Issues of urban development

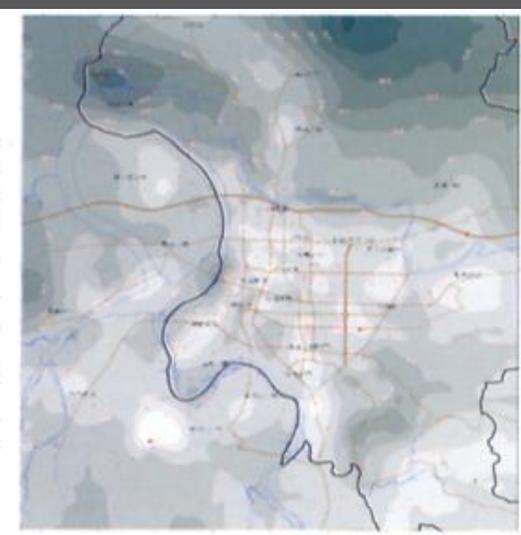
## Warning of urban heat island effect

The average temperature in Taipei city at July and August is higher than Southern city like Kaoshiung.

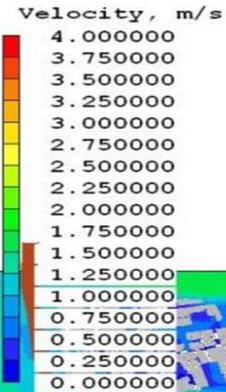
## Urban regeneration & Place making



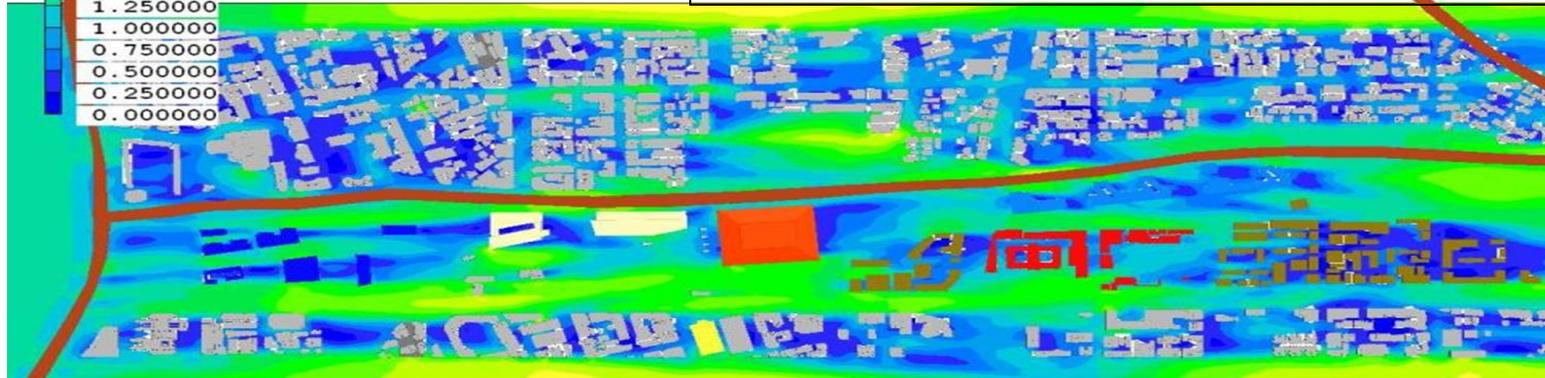
Temperature profile at noon



Temperature profile at night



地/月	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
台北	15.2	15.2	17.3	21.0	24.3	26.7	28.4	28.2	26.6	23.3	20.2	17.0	22.0
松山	14.8	15.4	17.6	21.1	24.4	26.5	28.3	28.1	26.4	22.9	20.3	17.2	21.9
竹子湖	11.3	12.0	14.4	17.9	21.1	24.5	24.3	22.8	22.8	19.3	16.2	13.3	18.4
鞍部	9.4	10.2	12.7	16.3	19.5	23.0	23.0	22.6	21.0	17.4	14.4	11.5	16.6
大屯山	8.3	9.5	12.3	15.9	18.9	22.8	22.2	20.5	16.6	13.6	13.6	10.5	14.7



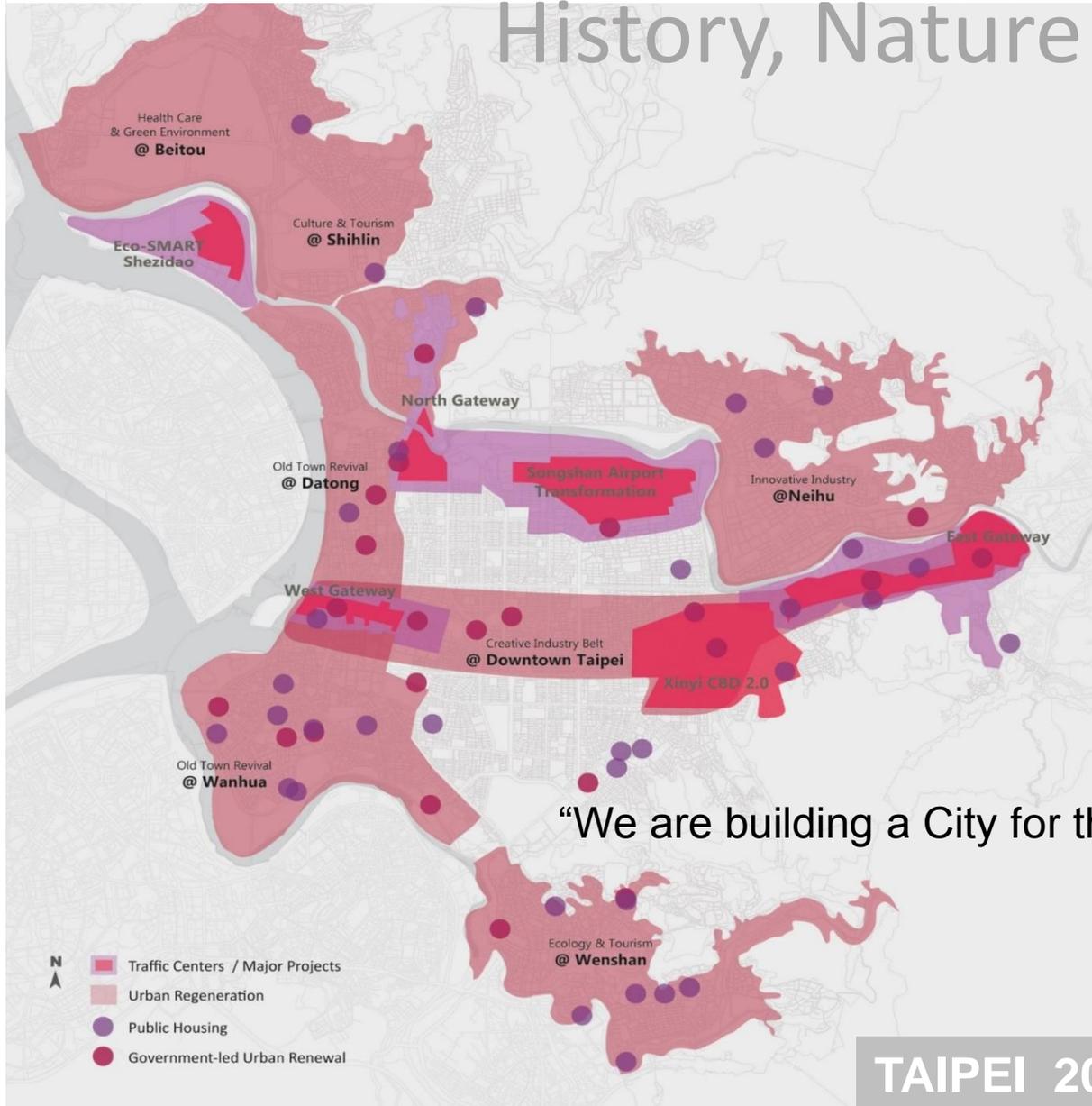
Taipei\_station\_newmodel Temp

CFD Analysis

# Taipei 2050 vision

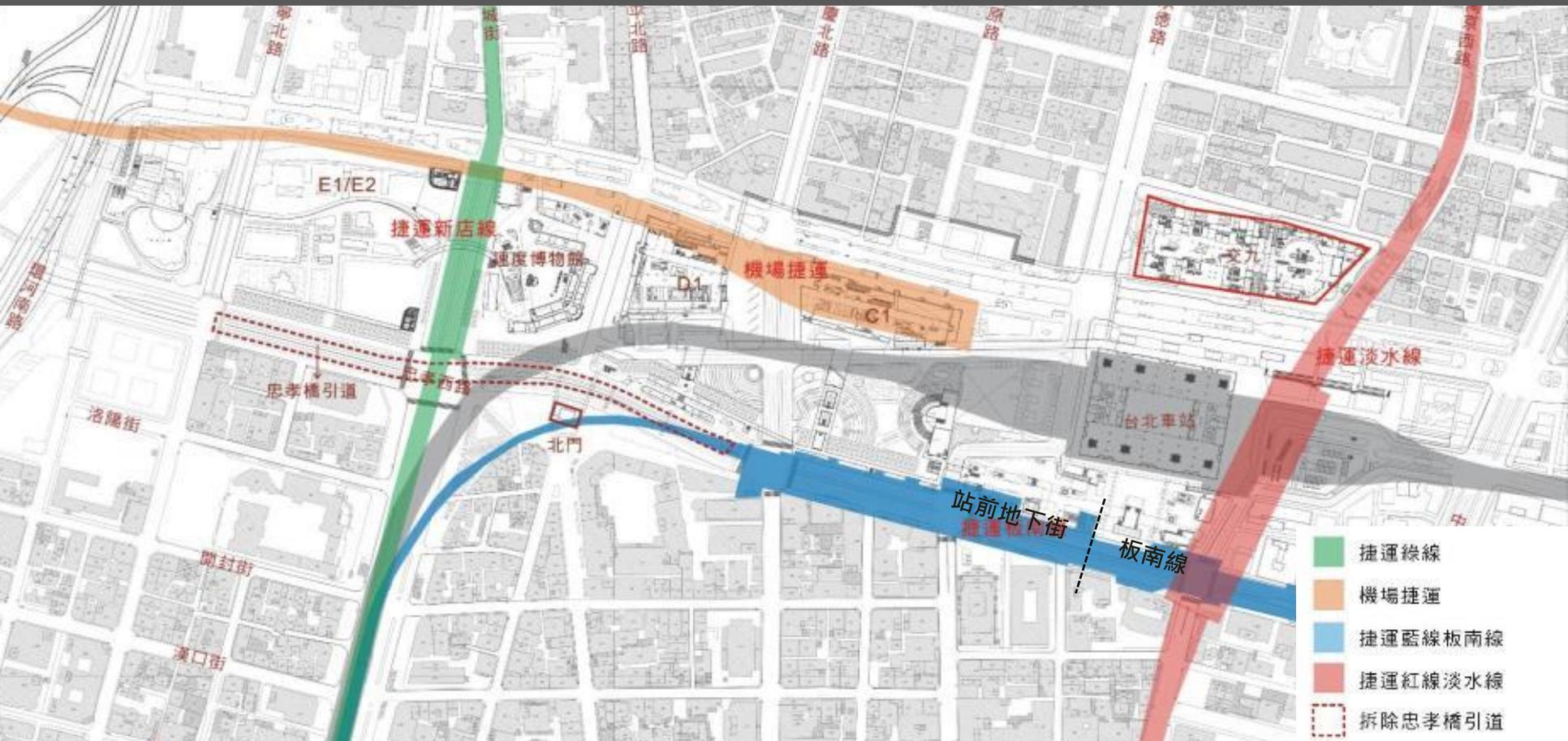
## Urban Regeneration + Government-led Urban Renewal + Public Housing

### History, Nature and People



“We are building a City for the generations to come”

# Site Analysis



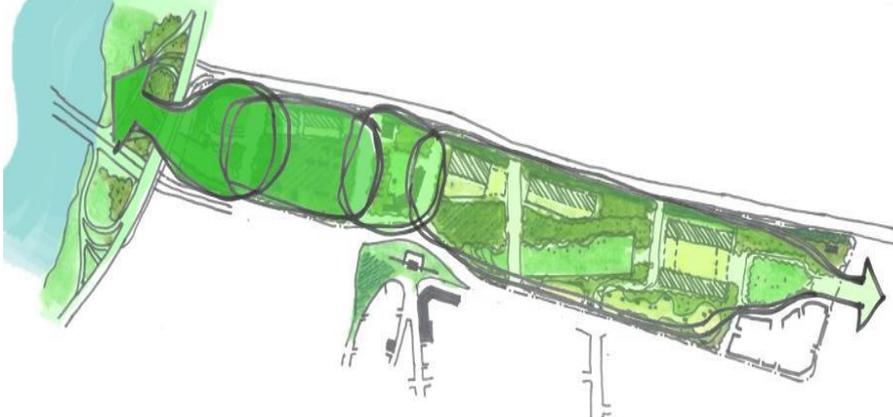
- Taiwan railway
- Taiwan High Speed Rail
- 3 Taipei Metro Line
- Taiwan Taoyuan International Airport Access MRT System

# Planning goal

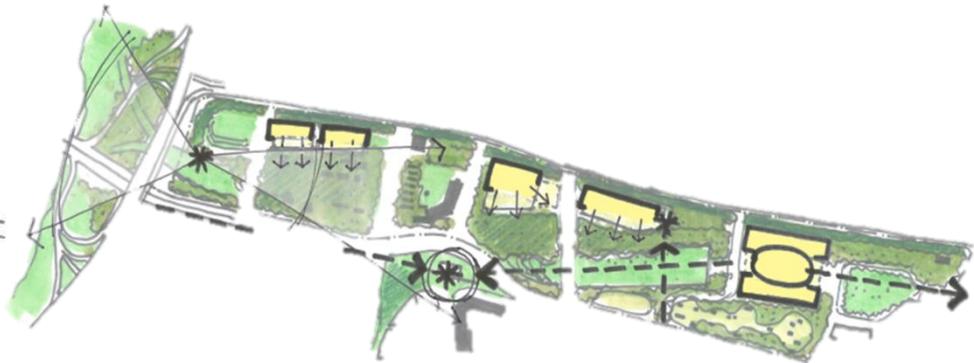
- Creating sub-tropical ecological city with climatic comfort
- The balance between urban conservation and development
- Pedestrian connectivity and humanistic urban space
- Multi-culture friendly just city
- Smart city urban infrastructure for innovative industry development

## Strategies

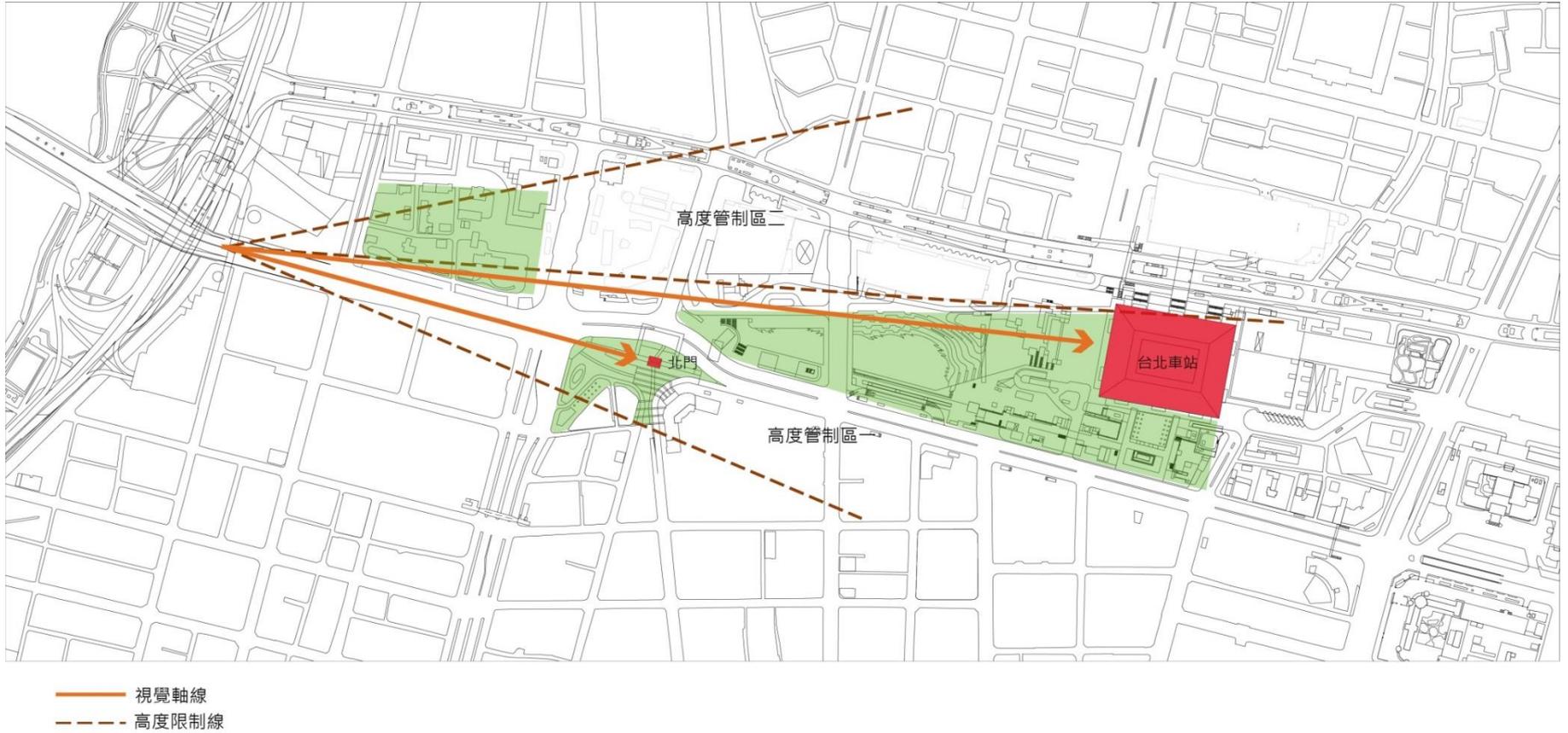
### Nature :



### Landscape :



# Strategies



Building height and bulk control regulation should be introduced to the site.

# Strategies: Planning with bio-diversity



穗花棋盤腳



風箱



楊梅



香楠



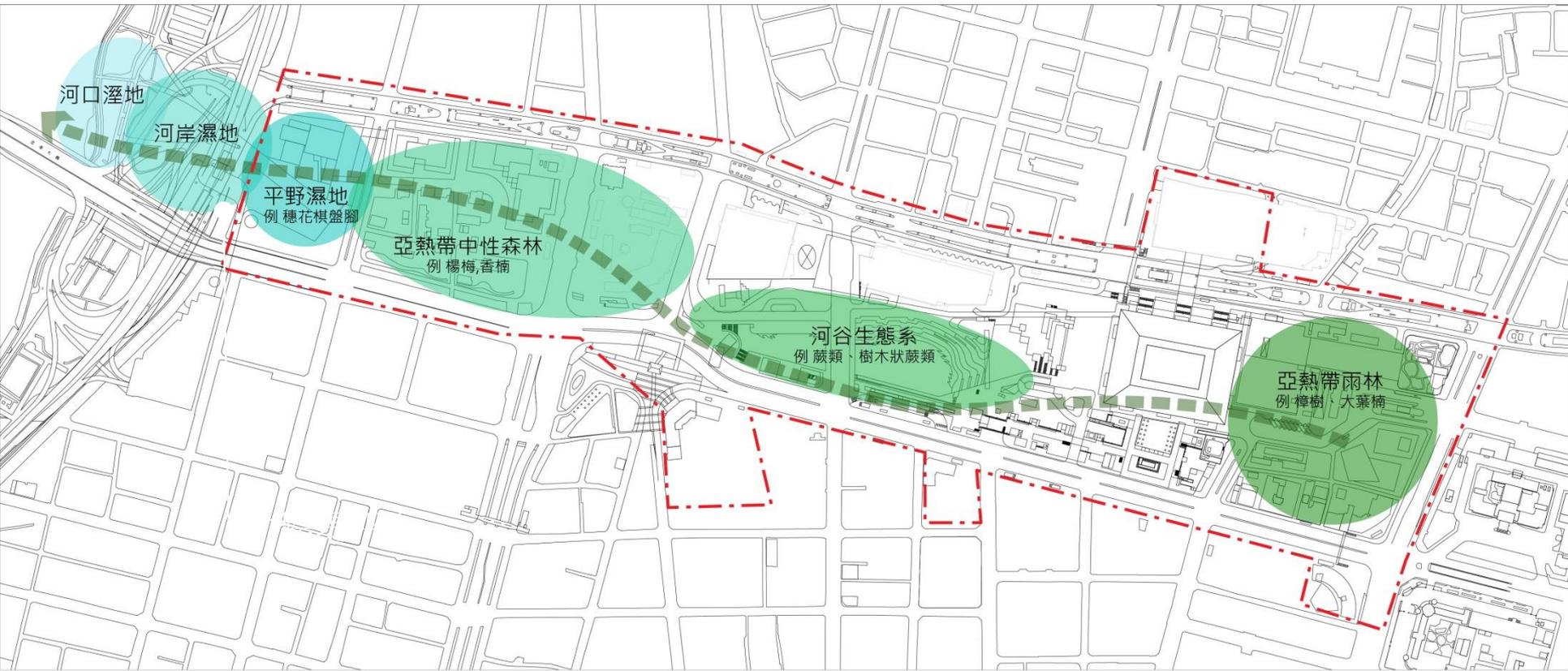
筆筒樹



大葉楠



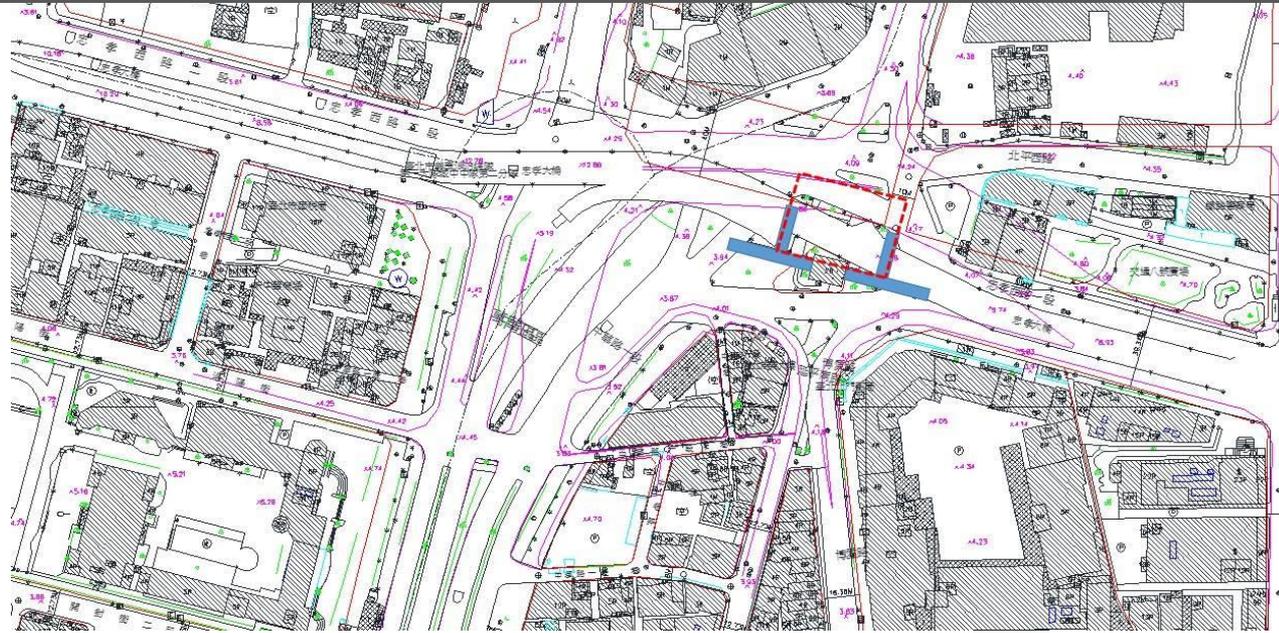
樟樹



--- 主計畫範圍

The vegetation design of each zone represents the bio-system with its own climatic, spatial and environmental conditions.

# Strategies: changes of roads/paths



1980s



2016



# Strategies: The Site and project area

## Taking Taipei Main station and its surroundings as a whole planning area

- East to Zhongshan North Road
- West to Huanhe North Road
- North to Civic Boulevard
- South to Zhongxiao West Road



# Main issues / difficulties

- Traffic: Reforming of path and roads challenges the daily life of the public, and their usage habits.
- Cross-sectoral integration: Each section and department has various professional fields and values, thus arguments occurred quite often.
- Social engagement: Social/professional groups had different imaginations on the future of this area.

## Lessons & Implications

- Leadership: A leader of a urban-scale project plays a significant role to its achievement. In this case, vice mayor Lin is the one who handles and deals with the situations of cross-sectoral integration. The results is obviously effective.
- Professional partnerships: With the help of professional team, it helps to organize the framework and details of this project. It's also much more convincing for public with strong supports from professors.
- Public Participation: As many other cases, public participation is a crucial part when a urban project implemented. In this case, we had activities in various types and scales to encourage public Participation.