

# KAOHSIUNG GOVERNMENT PUBLIC BIKE SHARING SYSTEM

LECTURER: YEH CHIC-CHUNG  
GENERAL MANAGER  
TUNG-LI DEVELOPMENT CO.  
• 2009.3.18





# CONTENT



- Management Team
- Plan & Objective
- Location Planning of Rental Stations
- Technology & Bike Development
- Marketing Plan
- Sustainable Development Plan
- Public Organizations coordination

C-bike C-bike

C-bike



- **MANAGEMENT TEAM**



# MANAGEMENT TEAM

## Bike Supply & Repair

The world's largest sport bicycle company

MERIDA

Vsprite co. Ltd

Development of Intelligent Transport System  
Kaohsiung Intelligent Transport Expert

Co-ordinate the operation and management  
**PLANNING & IMPLEMENTATION OF LARGE PROJECTS**

TUNG-LI DEVELOPMENT CO., LTD

Kaohsiung Government

Environmental Protection Bureau  
Program Owner  
Providing Government Support and co-ordination



統立開發股份有限公司



# PLAN & OBJECTIVE

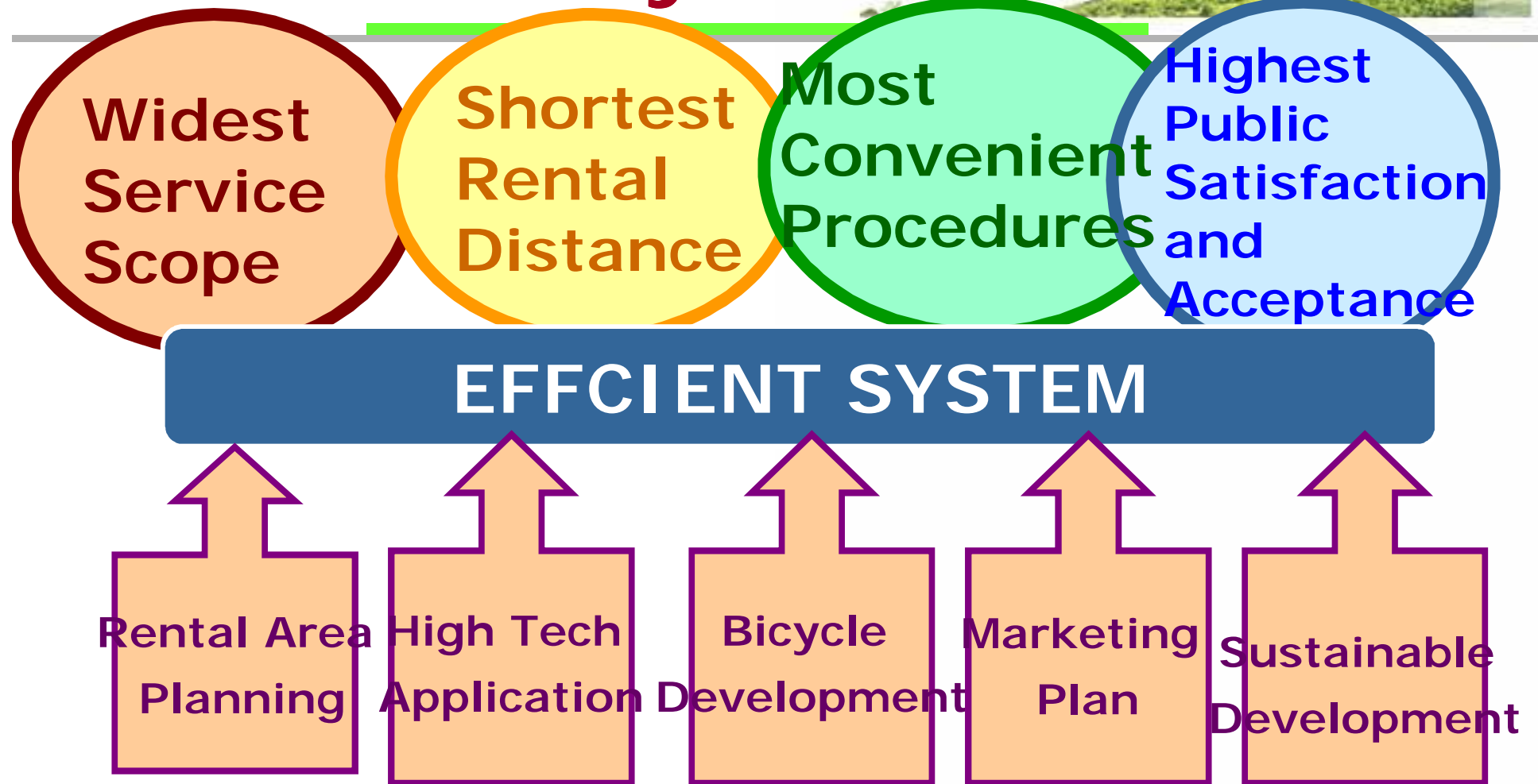




# OBJECTIVES

- **Contract funding NT \$89,000,000**
- **Set up at least 50 bike rental stations (at least 20 stations along the MRT corridor)**
- **Provide at least 4,500 public bikes for people to rent**
- **Implementation of a model system**
- **Hold public bicycle advocacy and promotional activities**
- **Participate in various business review and education trainings held by government and related organizations which aim to promote the plan**

# Establishing an efficient system

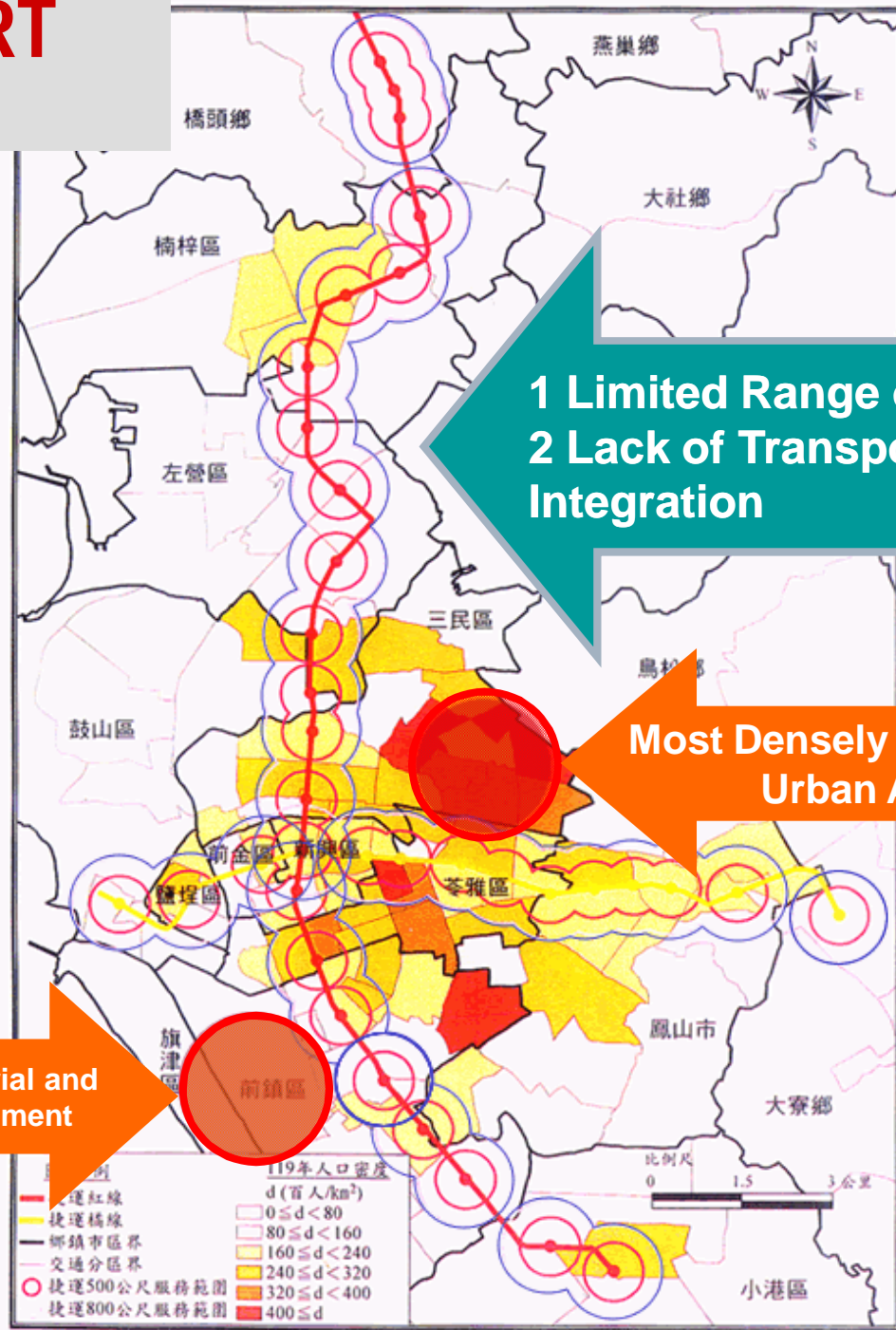




# Rental Station Location Planning

**-Speaking from the public transport system**

# Problems of MRT Network



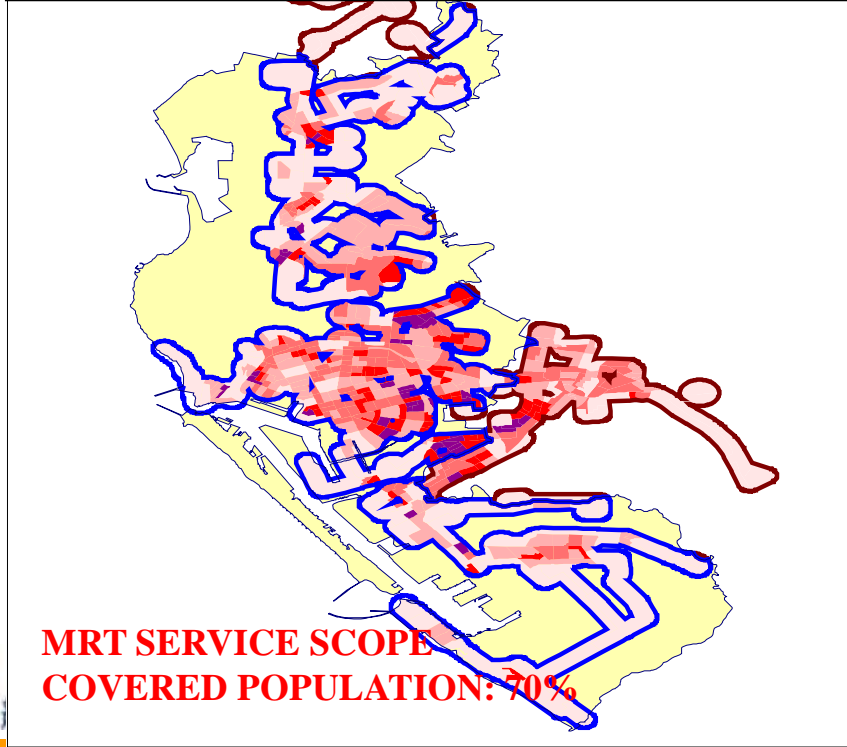
1 Limited Range of Service  
2 Lack of Transportation Integration

Most Densely Populated Urban Area

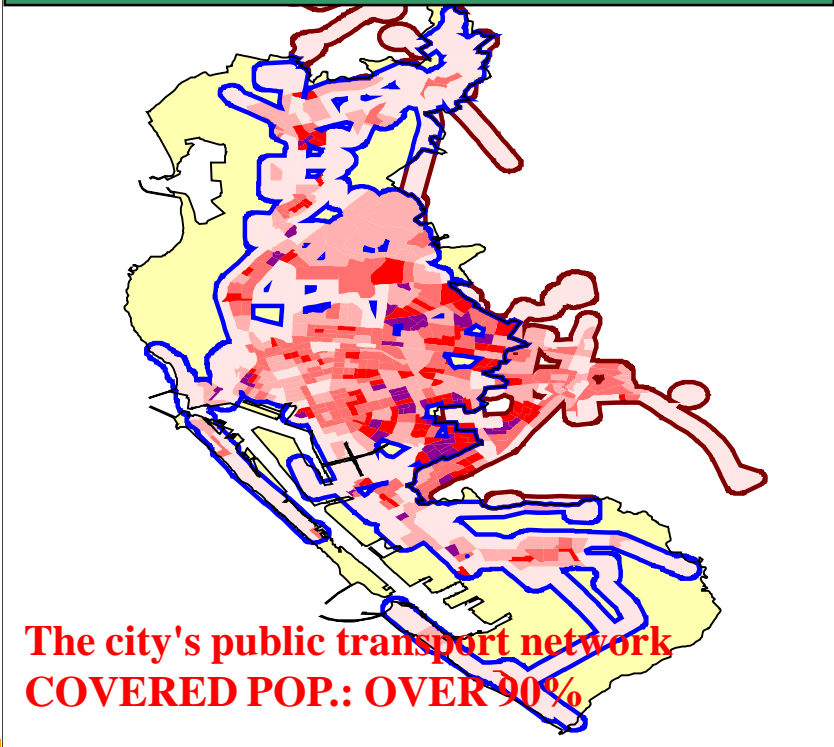
Focus of Urban Industrial and Commercial Development

Public Transportation Network	Service Proportion		
	Population (1997)	Percent of population	Percent of Area
<b>MRT + [BUS]</b>	1,089,409	71.5 %	51 %
<b>MRT + [BUS] + [BIKE]</b>	1,372,307	90.2 %	72 %
Total Population of Kaohsiung City	1,523,649	100%	100%

**MRT + [BUS]**



**MRT + [BUS] + [BIKE]**

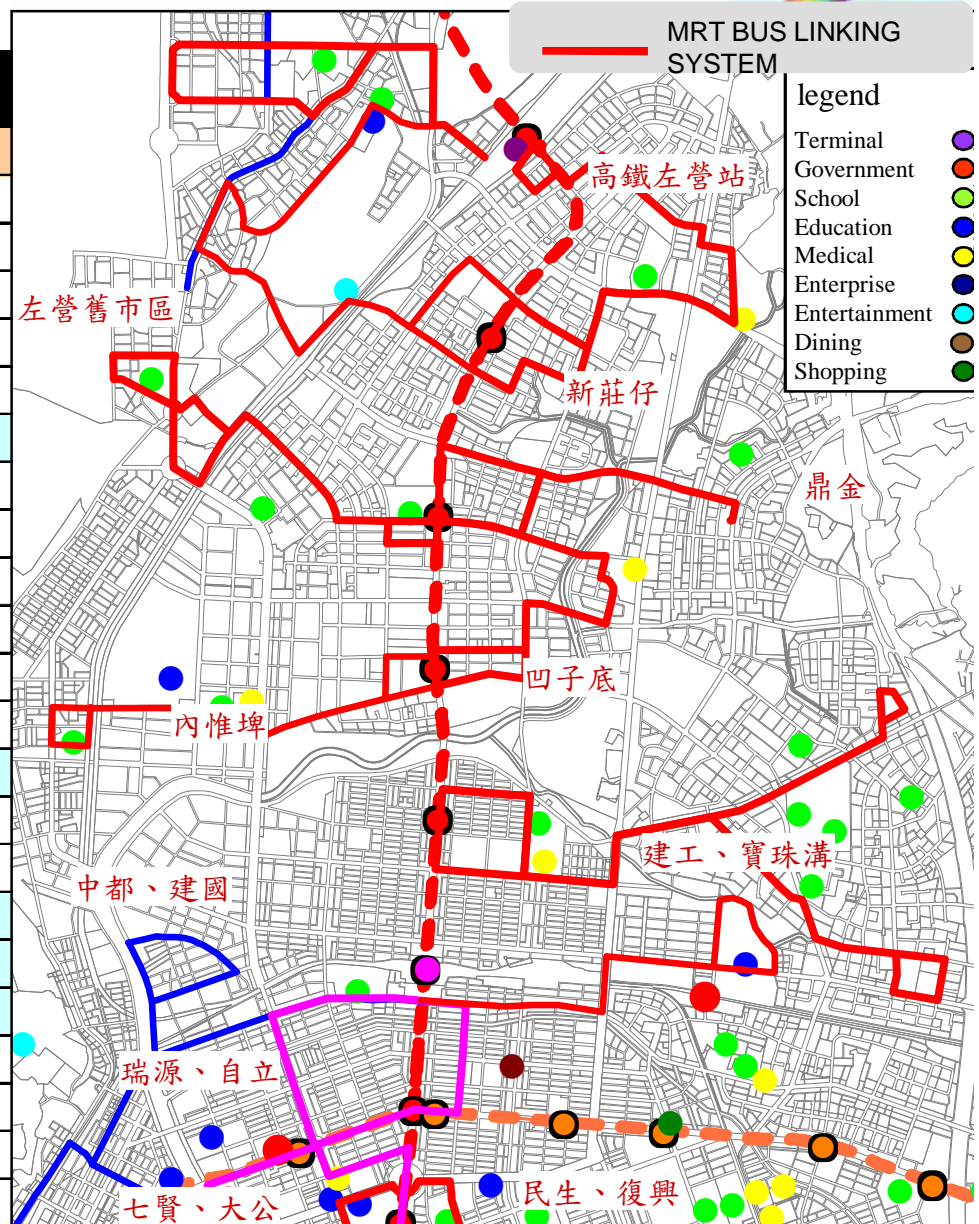


# MRT and bus service assessment

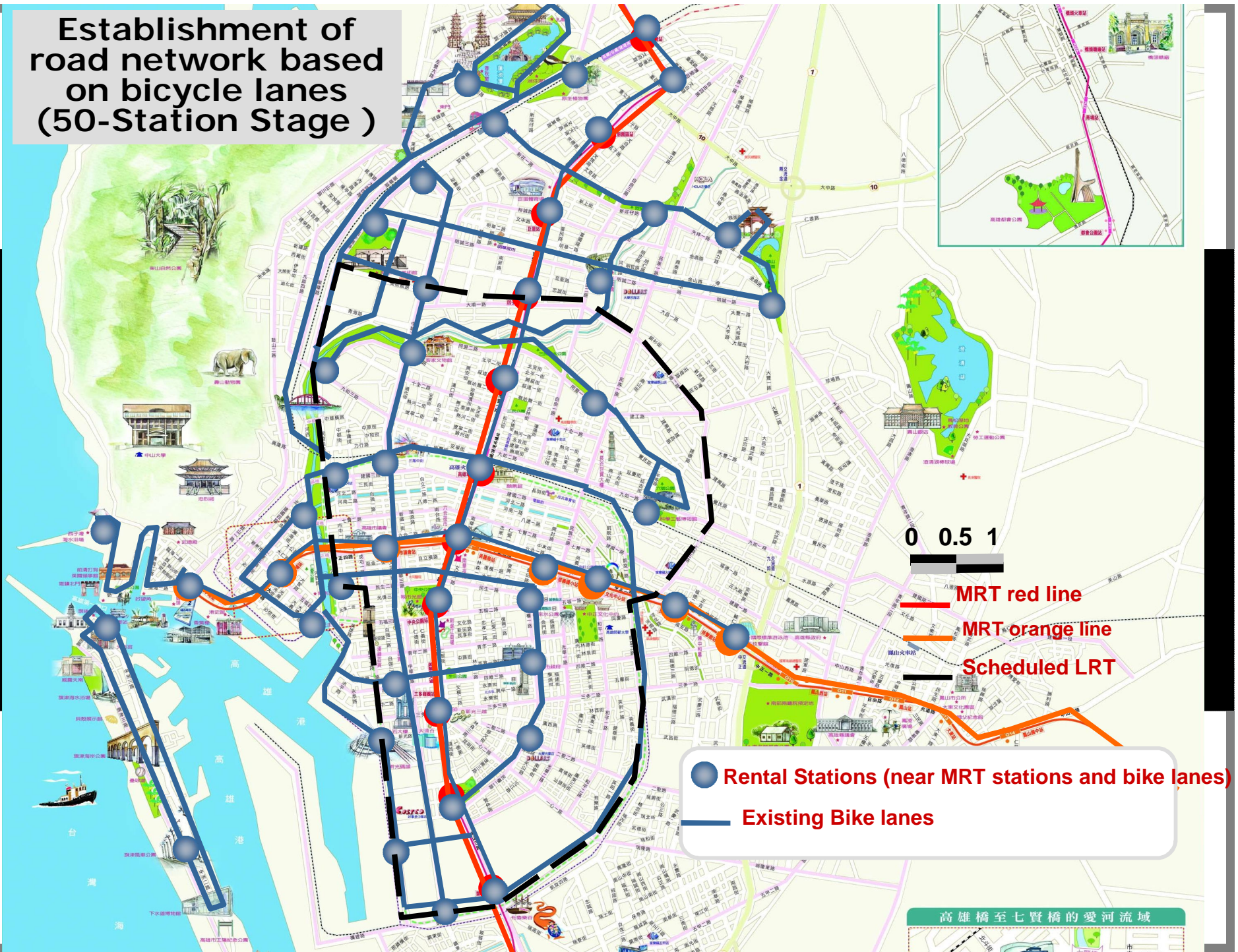


## 【左營、鼓山、新興、前金、鹽埕、三民生活圈】

類別	吸引點	類別	吸引點
政府機關	高雄市議會	醫療系統	榮總高雄分院
	地方法院		高醫附設醫院
	監理處南區分處		婦幼醫院
學校	高雄醫學院	大型企業體	大同醫院
	高雄應用科技大學		聖功醫院
	文藻語文技術學院		工商展覽中心
	新莊高中	文教體育	孔廟
	左營高中		市立美術館
	海青工商		市立棒球場
	明誠中學		科學工藝博物館
	鼓山高中		市立圖書館
	大榮高工		音樂廳
	三民家商	休閒育樂	蓮池潭
	三民高中	交通樞紐	高雄車站
	高雄高工		高鐵車站
	育英護校	餐飲住宿	國賓飯店
	樹德家商		漢來飯店
	高雄中學		福華飯店
道明中學	購物商場	漢神百貨	
中華藝校		大立依勢丹	
啟智學校		大統百貨	
		大統百貨和平店	



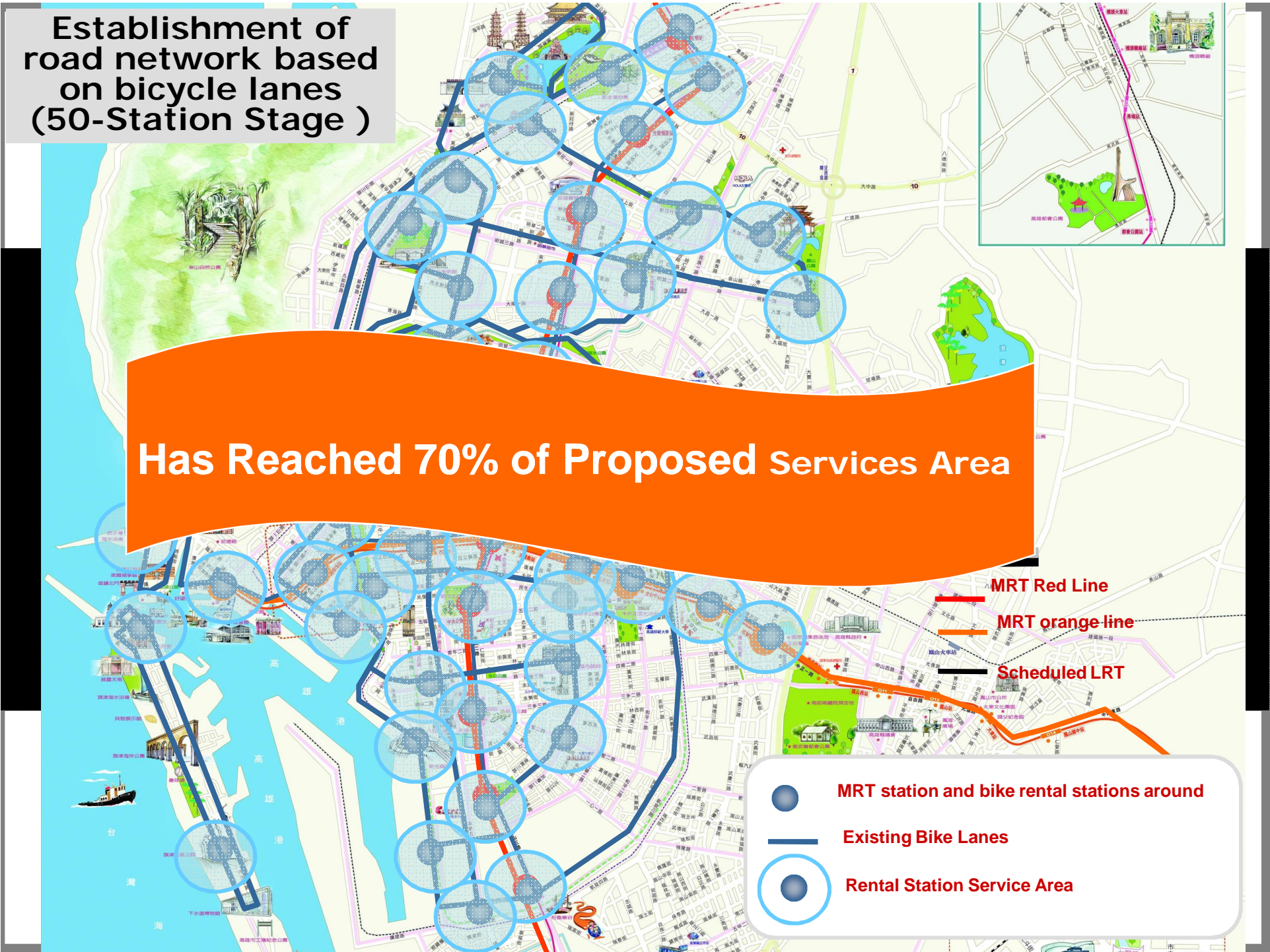
# Establishment of road network based on bicycle lanes (50-Station Stage)



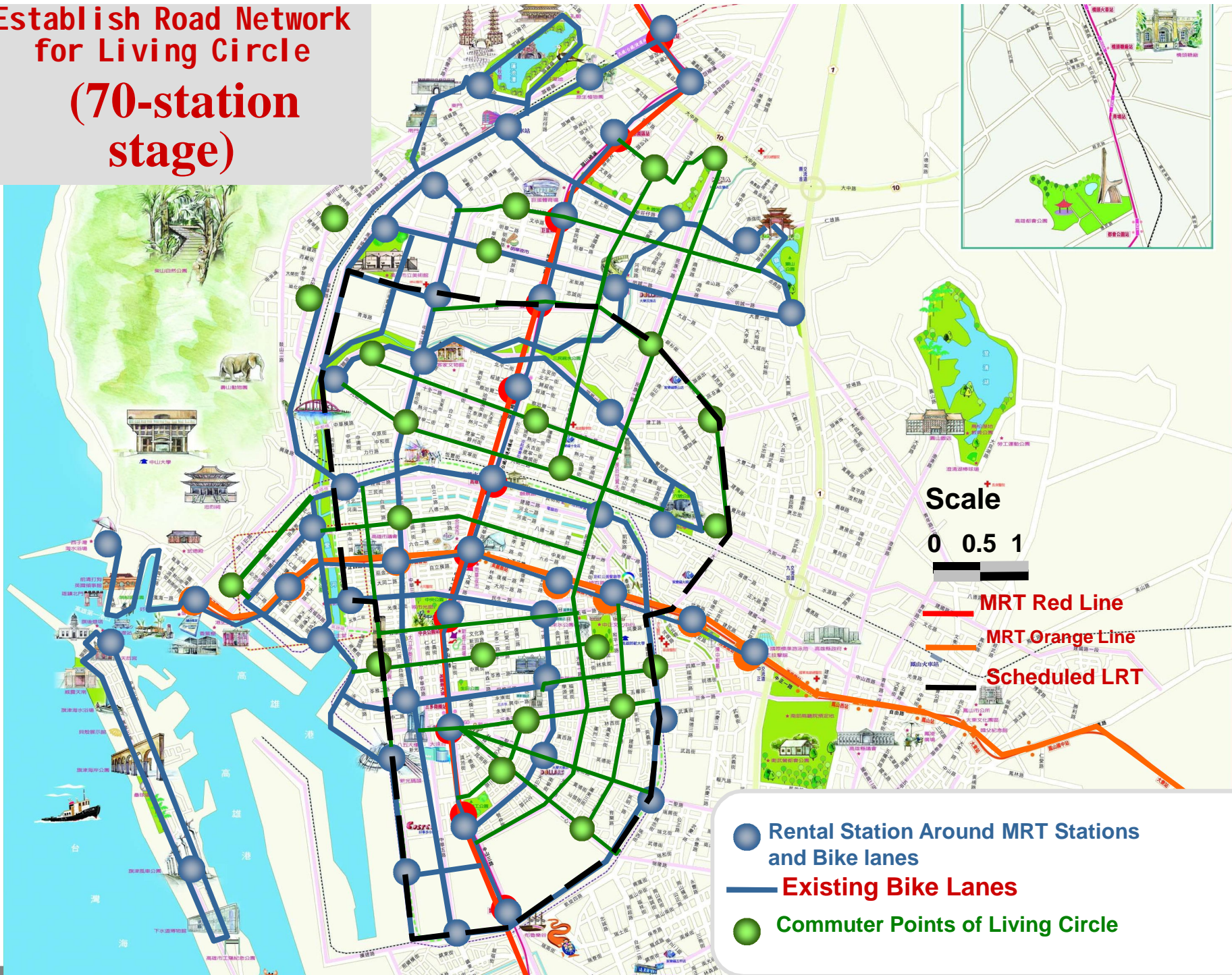
高雄橋至七賢橋的愛河流域

# Establishment of road network based on bicycle lanes (50-Station Stage)

Has Reached 70% of Proposed Services Area



# Establish Road Network for Living Circle (70-station stage)



# Establish Road Network for Living Circle (70-station stage)

Will Reach 70% of Proposed Services Area



# Public bicycle rental site map

- Planning to have 340 stations every 200m
- Planning to have 220 stations every 250m

- Main Service Area : 北起高車站、南至前鎮站 ; 西起西子灣站、東至技擊館站
- Rental stations cover the MRT corridor, area along Ai River, area along harbour and other public areas.

比例尺

0 0.5 1

MRT Red Line

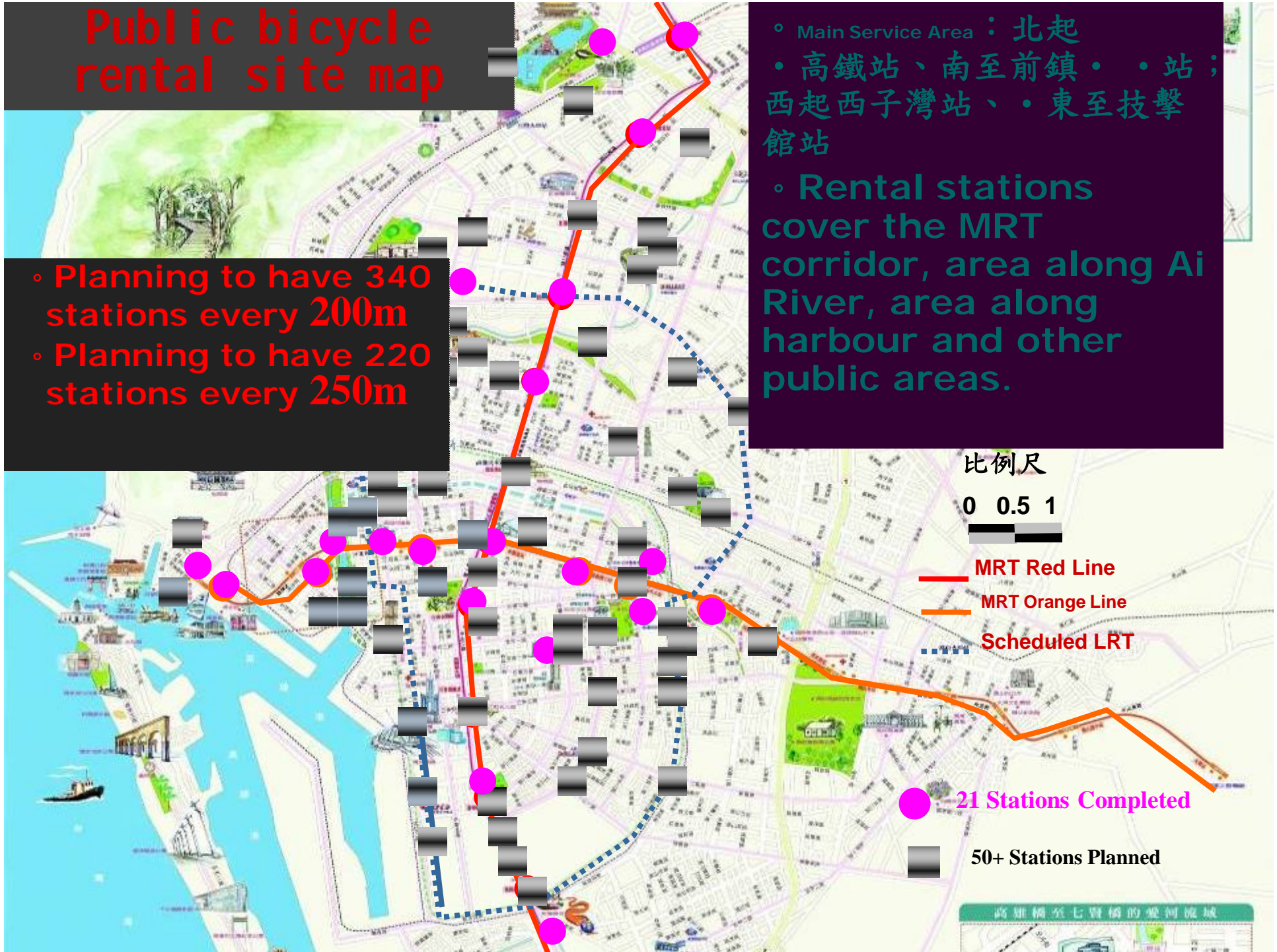
MRT Orange Line

Scheduled LRT

21 Stations Completed

50+ Stations Planned

高雄橋至七賢橋的愛河流域



# 高雄市公共腳踏車租賃站

統計至98年2月底止

## Kaohsiung Bike Rental Stations

- 01 市府站
- 02 文化中心站
- 03 市議會站
- 04 獅甲站
- 05 中央公園站
- 06 凹仔底站
- 07 生態園區站
- 08 漁人碼頭站
- 09 美術館站
- 10 市場管理處站
- 11 電影圖書館站
- 12 美麗島站
- 13 新興區公所站
- 14 後驛站
- 15 後火車站
- 16 蓮池潭站
- 17 技擊館站
- 18 西子灣站
- 19 史博館站
- 20 真愛碼頭站
- 21 正勤站

- 公共腳踏車租賃站
- 已完成自行車道
- - - 規劃中的自行車道
- ★ 規劃中的自行車道空中走廊
- 捷運紅線
- 捷運橘線

**First Stage Completed (until Feb. 2009)**



Bike Rental Stations  
Completed Bike Lanes  
Planned Bike Lanes  
Planned Bike Air Corridor  
MRT Red Line  
MRT Orange Line