

Sustainable Transportation in Taipei

Taipei City
Public Transportation Office
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Outline

- ▶ **Fast Facts of Taipei City**
- ▶ **Taipei Metro System**
- ▶ **Taipei City Bus**
- ▶ **Low-Floor Buses**
- ▶ **e-Bus System**
- ▶ **Bike in Taipei**
- ▶ **Pedestrian-friendly Programs**
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Fast Facts of Taipei City

Land surface	272 km ²
Population	2.65 million
Population density	9,753 people/km ²
Car own	281 (per 1,000 people)
Motor own	416 (per 1,000 people)

(as of December 2011)



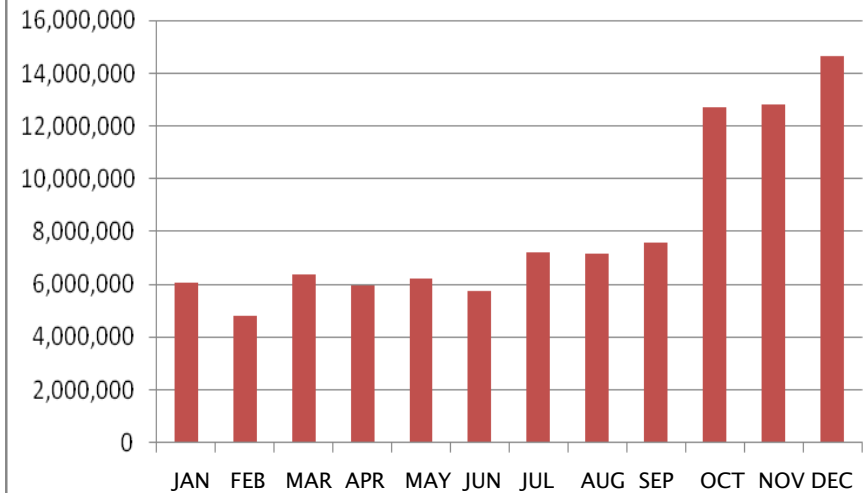
Low-Floor Buses

Year	Routes	Buses	Percent
2010	27	602	15%
2011	42	1,010 (with 107 Hybrid)	25%
2012	63	1,534 (with 107 Hybrid)	38%

Level of satisfaction 82.9%
(as of 2011)



No. of passengers per month in 2011



Low-Floor Buses –Future Plan

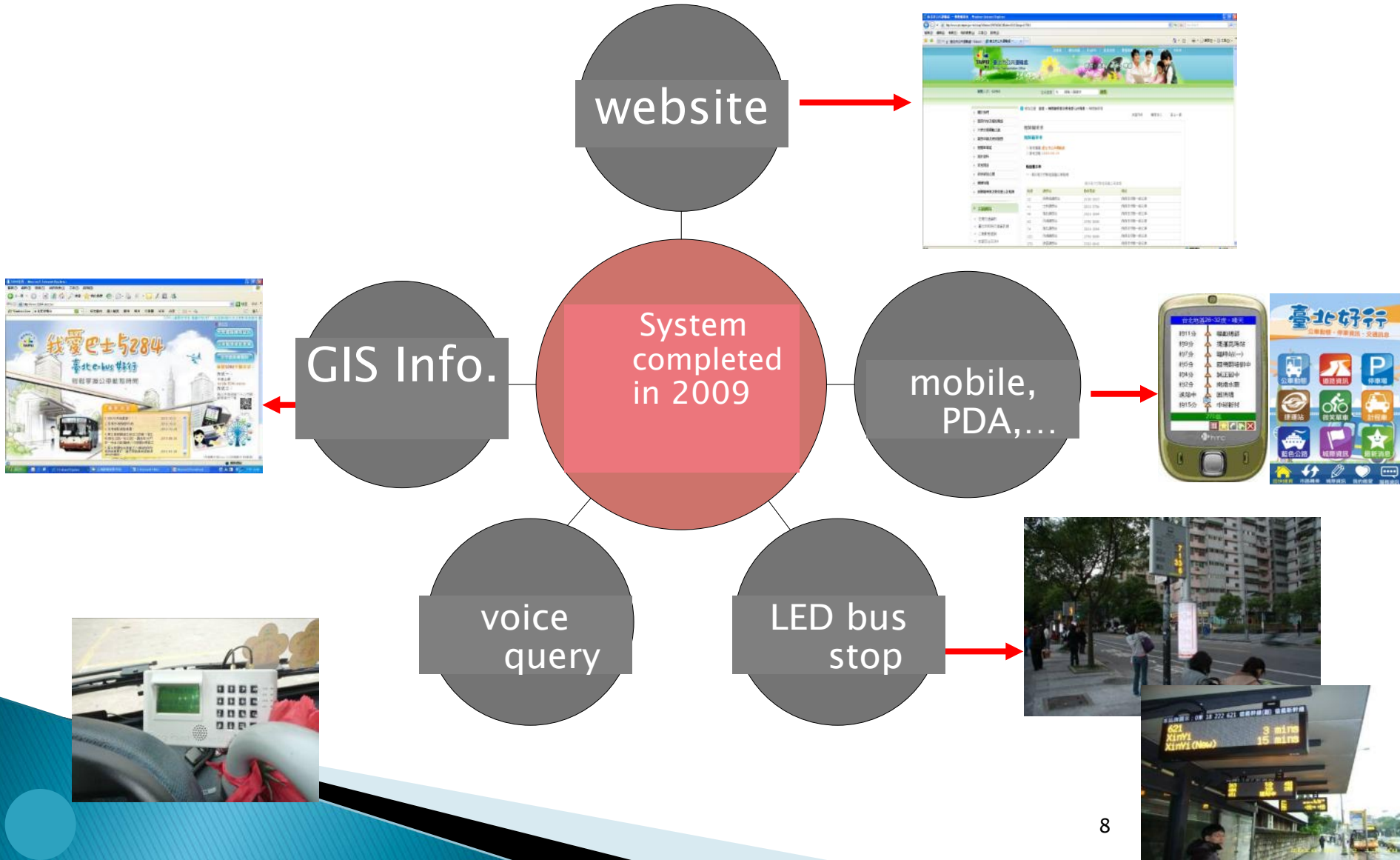
- ▶ All Taipei city buses are low floor buses before 2017 (except those routes not suitable for low floor buses)

	2012	2013	2014	2015	2016
Total Buses	1,534	2,030	2,451	2,872	3,293
Percentage of the total buses in Taipei	46.6%	61.6%	74.4%	87.2%	100%



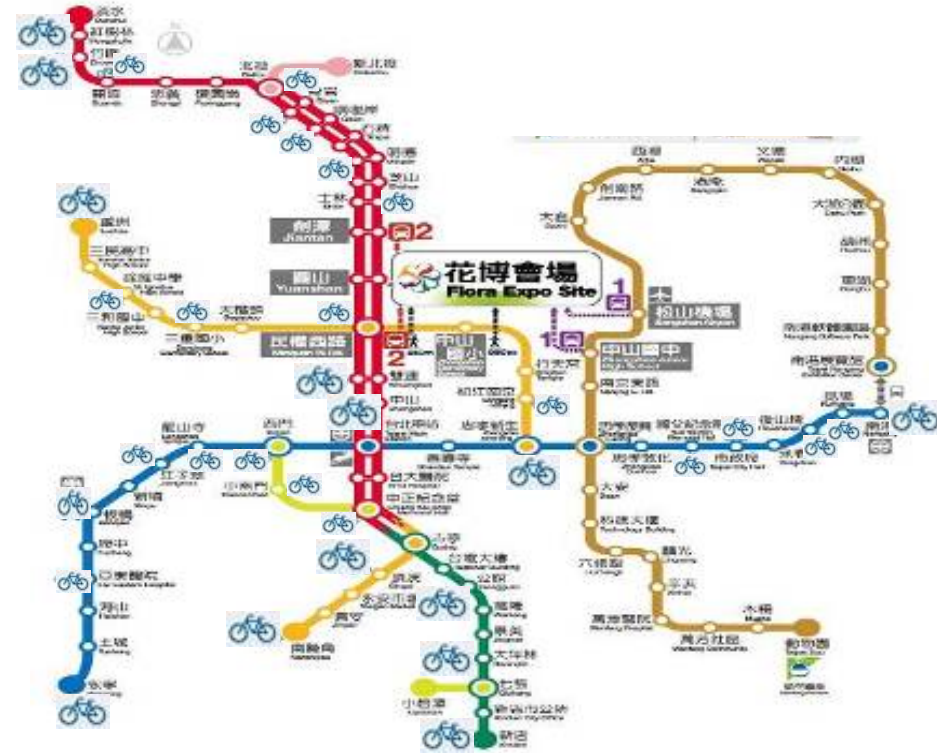
e-Bus System

-Bus Arrival Time Prediction



Bike in Taipei-Transfer

- Bringing bicycles onto the metro
 - Allowed during holidays
 - 69 stations



- Bringing bicycles onto the buses
 - Some routes have bike carriers on the front or the rear of the bus



Bike in Taipei-Public Bike Rental Service

- Pilot Program: 500 bikes available from 11 stations around Xinyi District
- As of 2011, there are over 300,000 trips, registered member over 40,000 persons
- Future Plan: set up 162 stations providing 5,350 bikes city-wide in 3 years

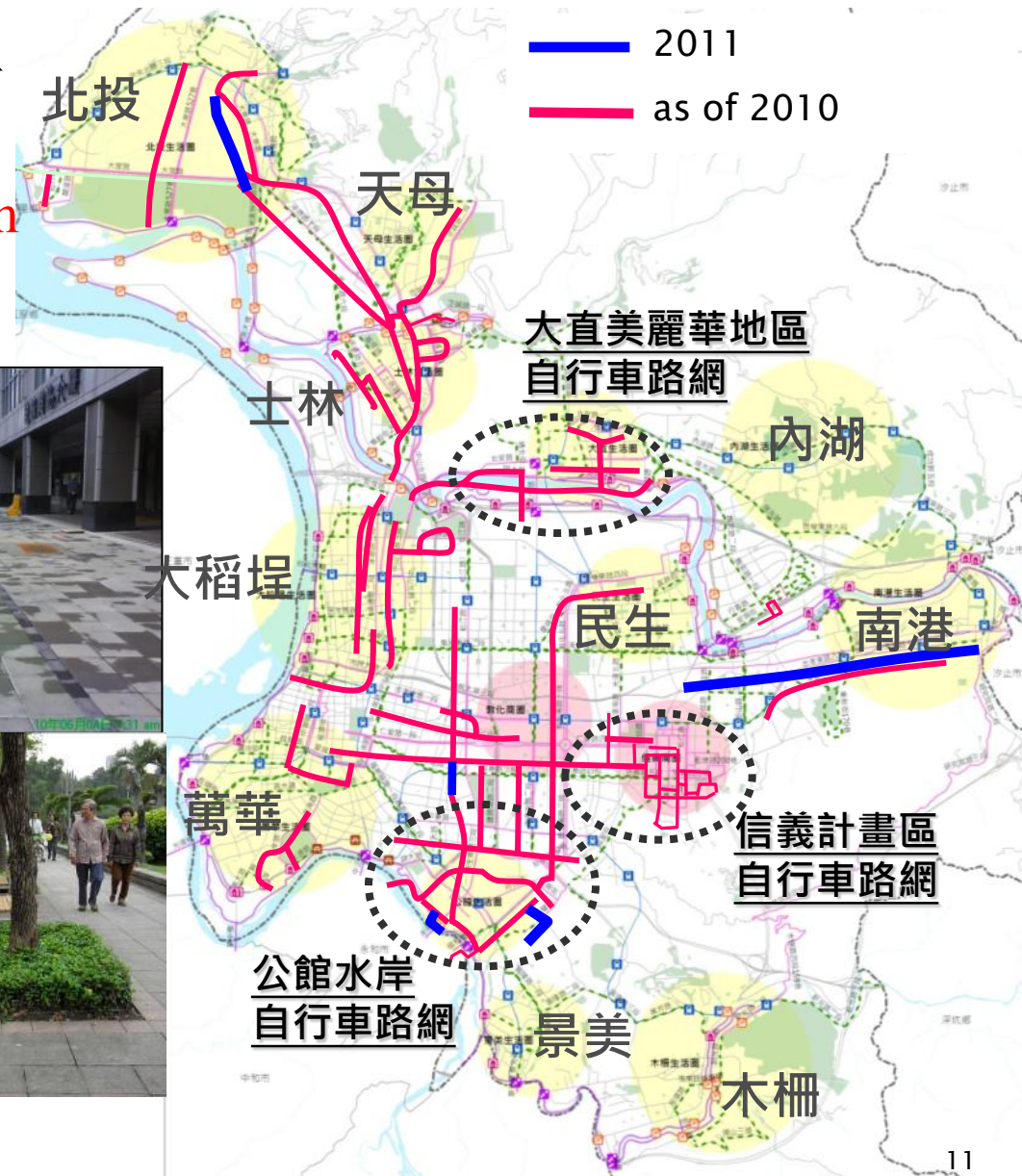


Bike in Taipei-Urban Bikelane

Urban bikelane network

136.6 km

- Shared with pedestrian 98.9km
- Exclusive bike lane 37.7km



Bike in Taipei-Riverside Bikelane

- ▶ Riverside bikelane network 110 km



Bike in Taipei -Future Plan

- 河濱公園主要出入口
- ★ 主要活動據點、觀光景點

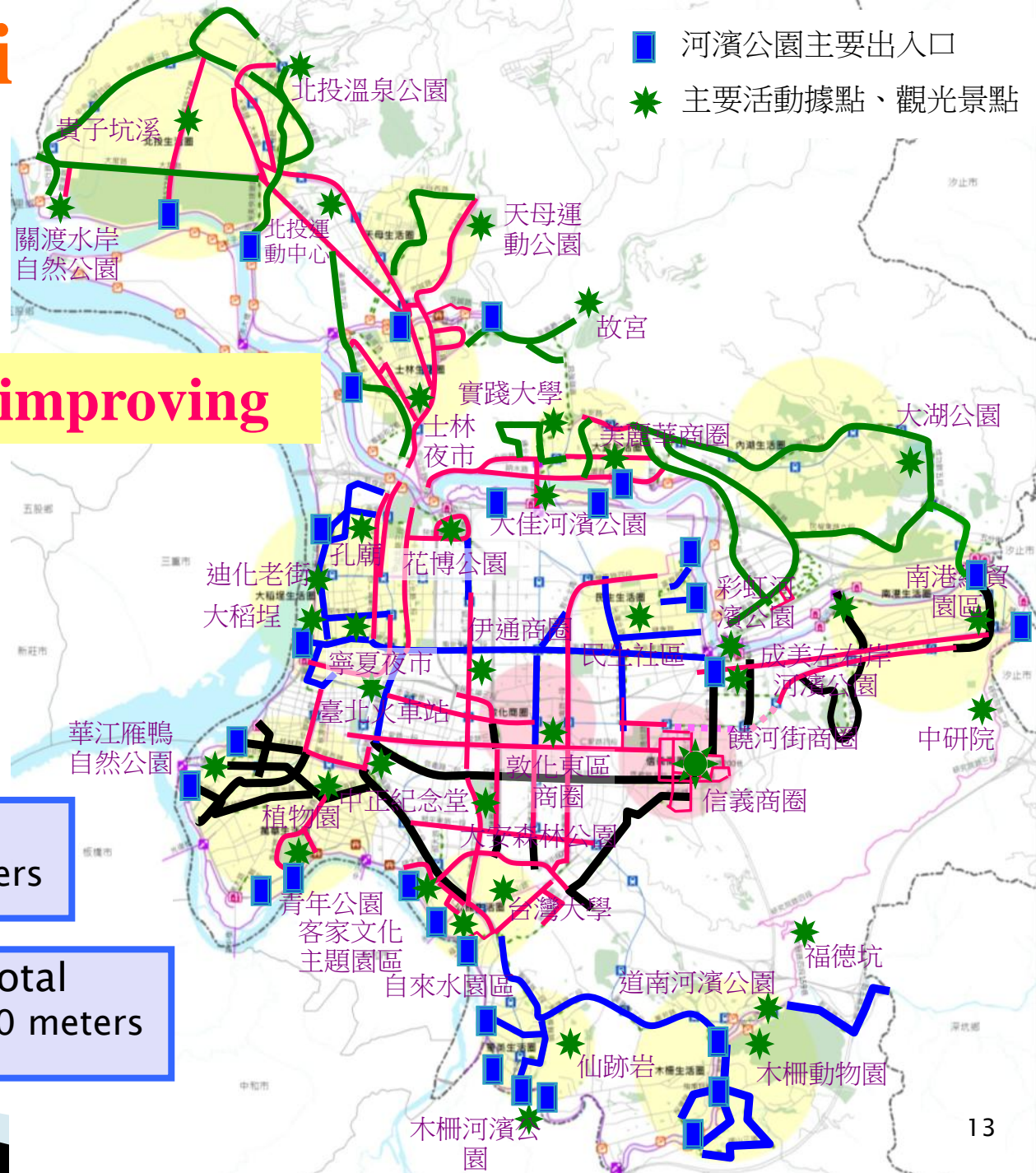
➤ Riding routes improving

2012
19,800 meters

2013
20,260 meters

2014
26,320 meters

Total
66,380 meters



Pedestrian-friendly Programs – Sidewalks



Setup wheelchair ramps



Multi-function green sidewalk & street furniture



Barrier free entrance for the disabled to MRT station and linkage with plaza

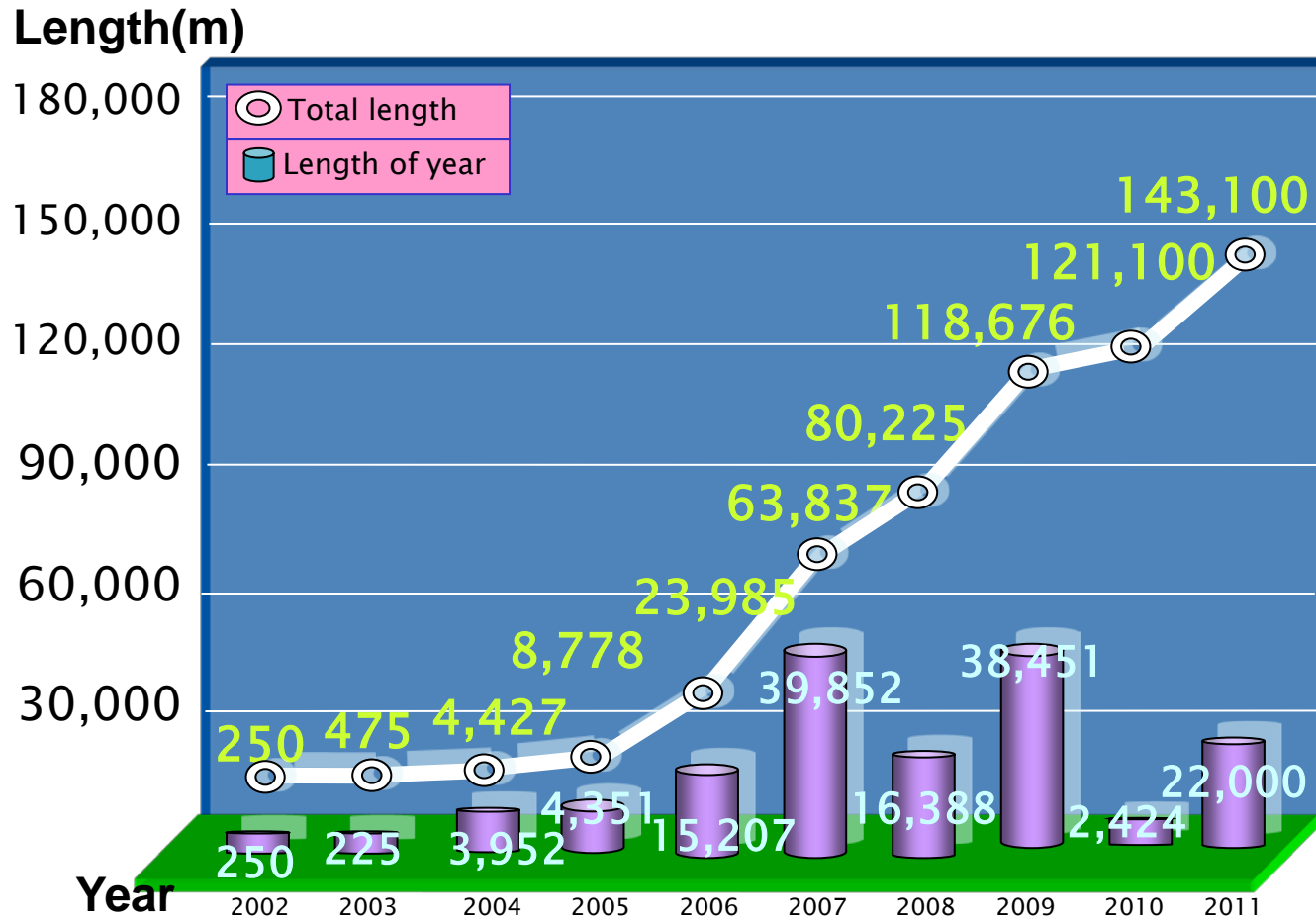


Set up bus shelters between trees for larger passenger paths

Pedestrian-friendly Programs – Arcades



Pedestrian-friendly Programs—Arcades



Pedestrian-friendly Programs

- "No Motorbikes on Arcades and Sidewalks"



Conclusion

- ▶ Guided by the core concept of humanism, we will continue to create a seamless, and sustainable transportation environment in Taipei.
- ▶ Enabling convenient and barrier-free travel through intelligent transportation, superior public transit, high quality service, and safe transportation.

Thank you for your kind attention

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