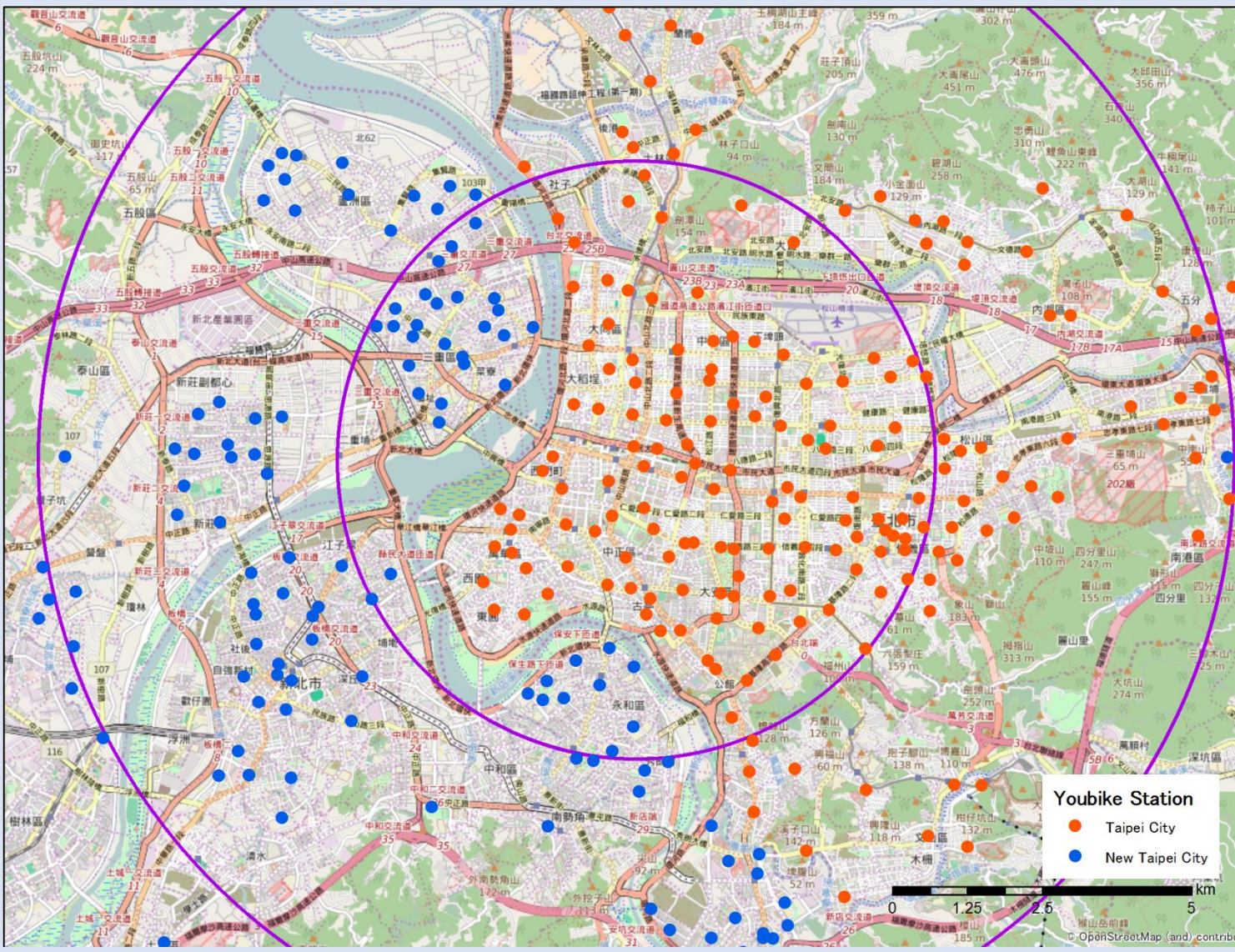


How to Enhance and Integrate Public Bike Sharing Systems in Tokyo

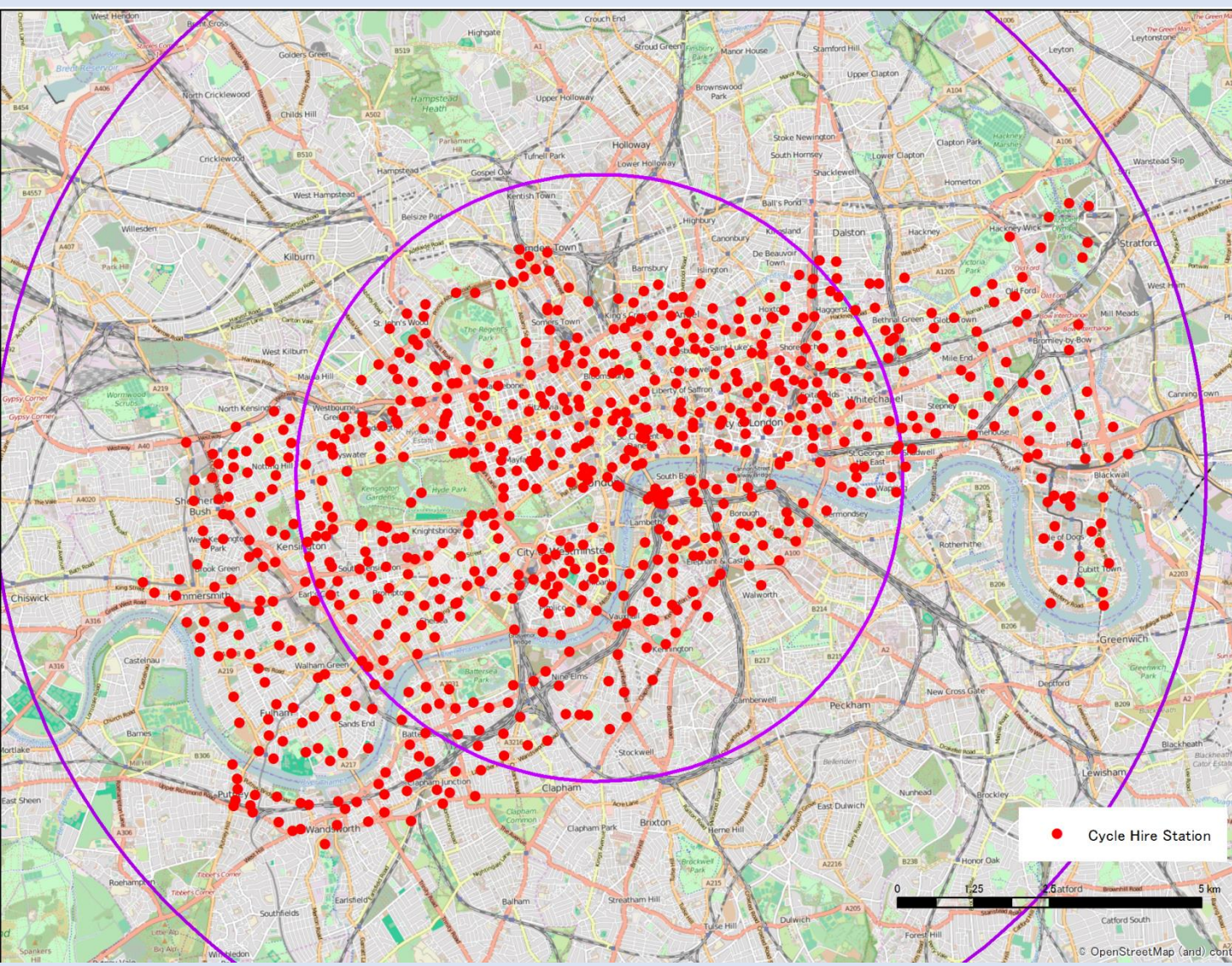
KIYOHIRO MIURA Japan Transportation Planning Association Tokyo JAPAN

This poster is made by cooperation by Mr.OMINO of Docon Co., Ltd.

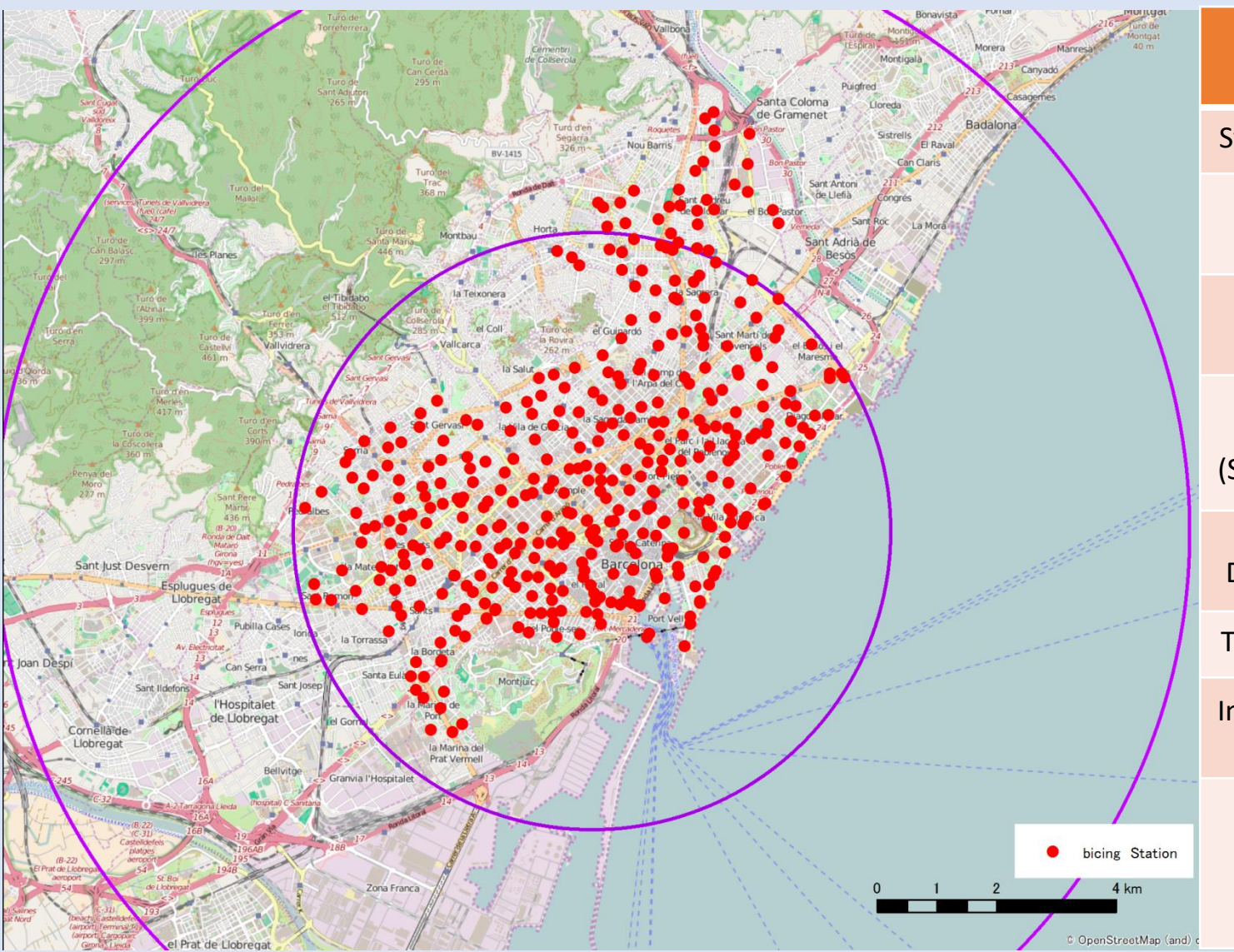
Bike Sharing Systems in the World , in Tokyo



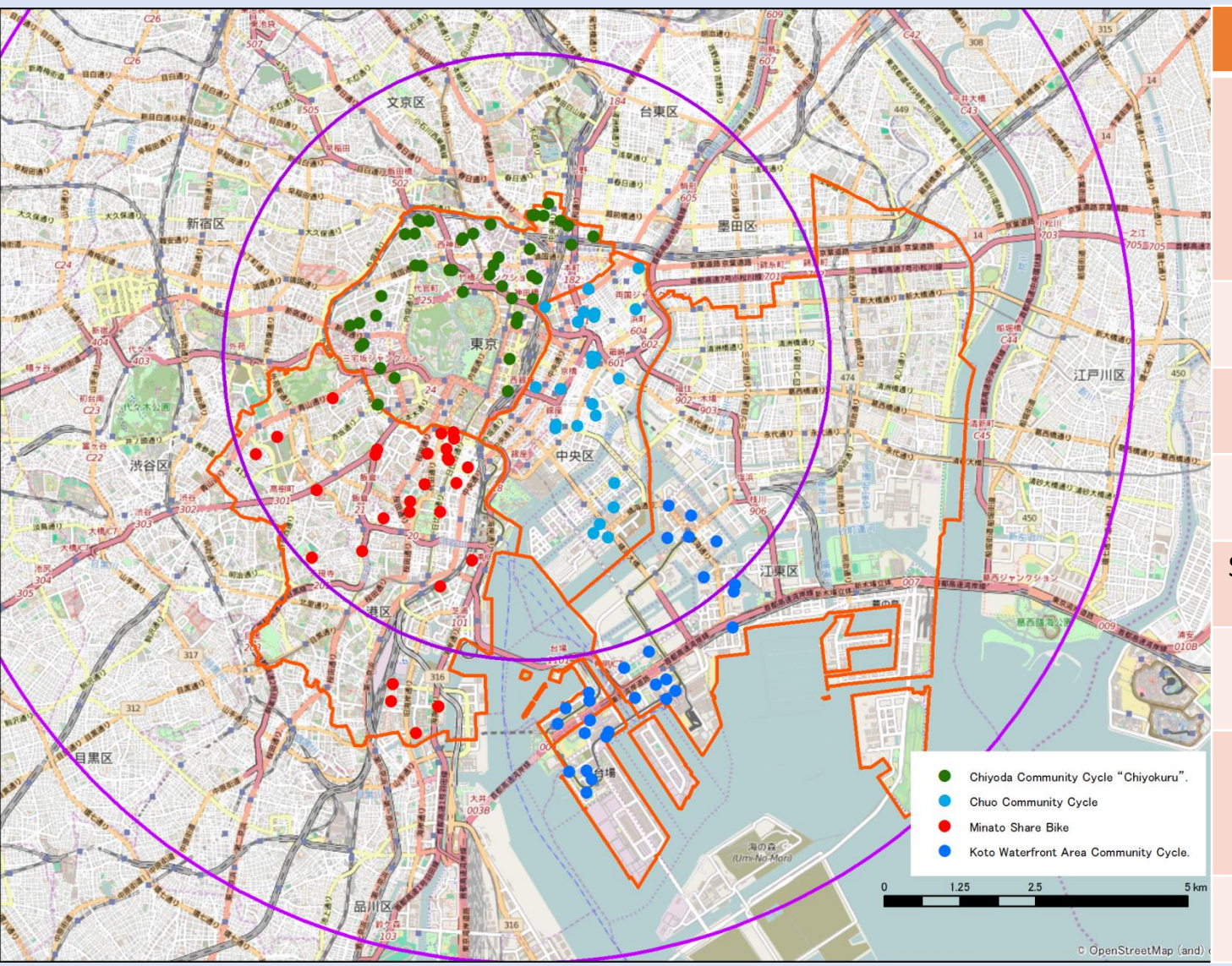
Taipei/New Taipei	
System Name	Youbike
Number of Station	162
Number of bike	5,300
Station Density (Station/km2)	6.6
Station Distance (m)	About 350~400m
Trips per Bike	
Implementing Agency	
Operator Name	You bike



London	
System Name	Santander Cycle Hire
Number of Station	725
Number of bike	11,000
Station Density (Station/km2)	7.3
Station Distance (m)	About 300m
Trips per Bike	3.1
Implementing Agency	TfL
Operator Name	Sercu Group



Barcelona	
System Name	bicing
Number of Station	420
Number of bike	4,100
Station Density (Station/km2)	10.3
Station Distance (m)	
Trips per Bike	10.8
Implementing Agency	
Operator Name	Clear Channel(sub-contracted to Delfin Group)&B&S

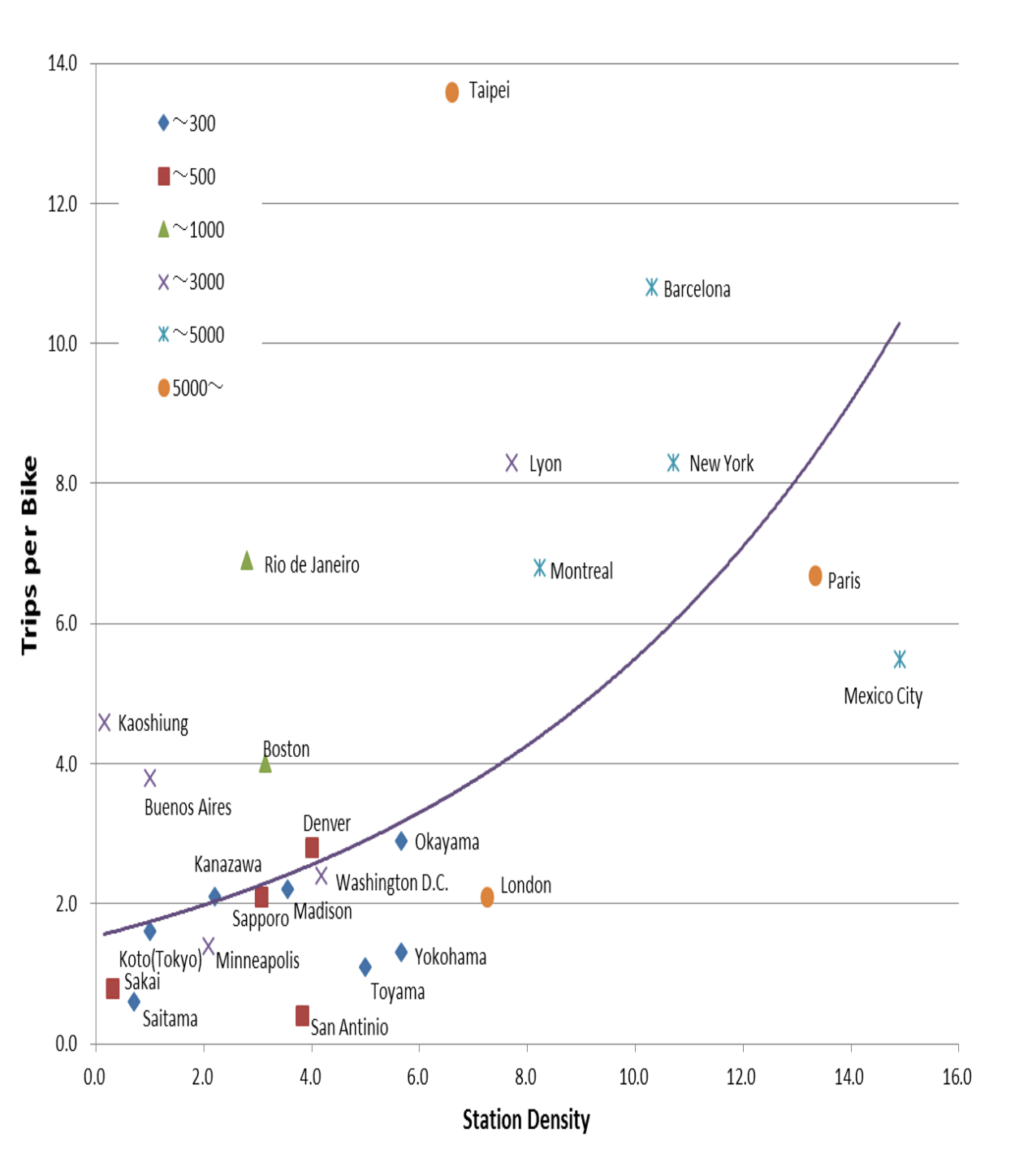


Tokyo	
System Name	Chiyoda Community Cycle "Chiyokuru", Chuo Community Cycle "Minato Share Bike", Koto Waterfront Area Community Cycle.
Number of Station	122 (2016.2)
Number of bike	1,145 (2016.2)
Station Density (Station/km2)	1.0
Station Distance (m)	
Trips per Bike	1.6 (Koto 2014)
Implementing Agency	City of Chiyoda, City of Chuo, City of Minato, City of Koto
Operator Name	Docomo Bike Share

Essence of Public Bike sharing

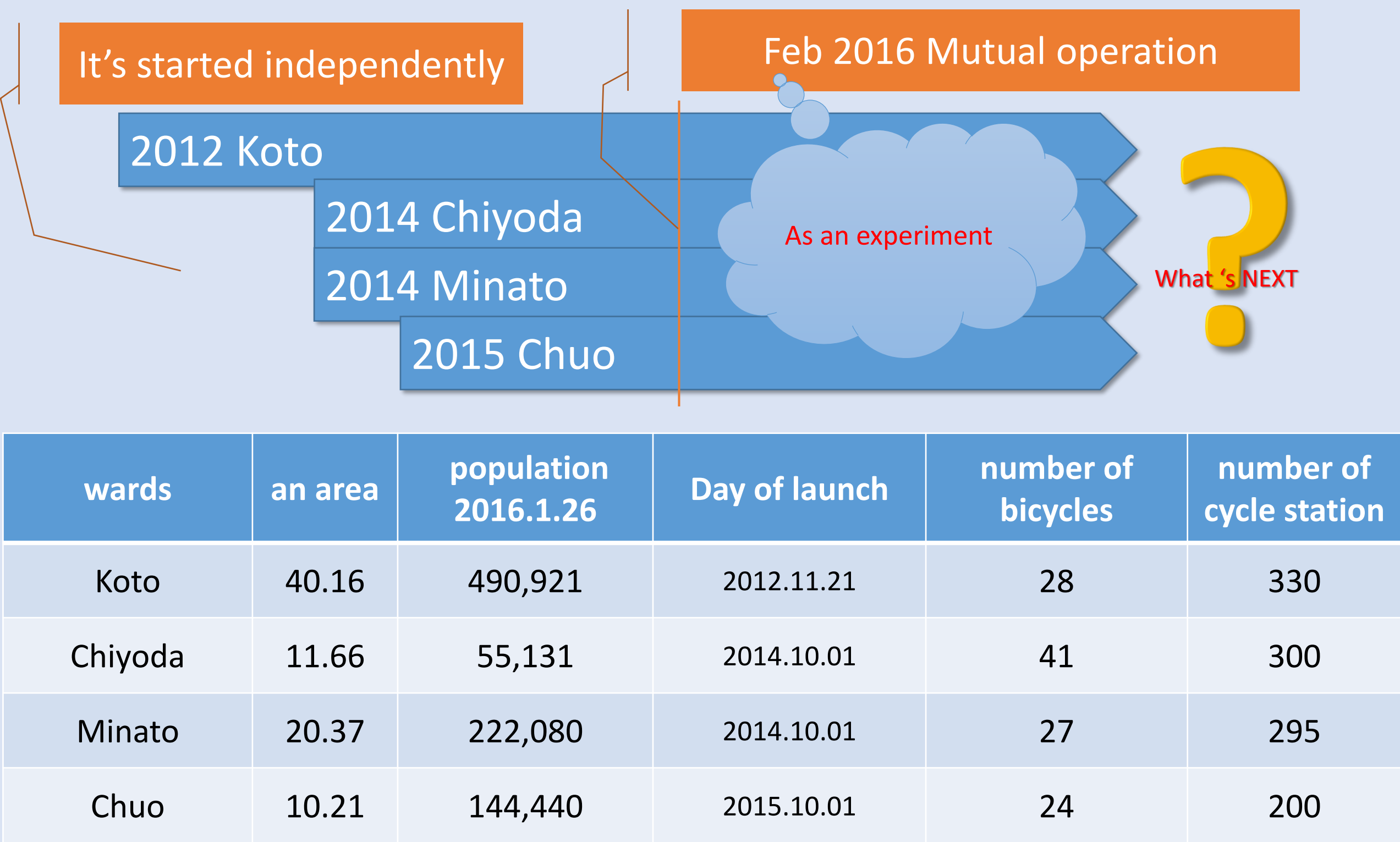
Necessary to achieve high utilization levels

- High cycle station densities
- A quite large area exceeding a certain size



Added to IDTP report

Transition and now of Tokyo system



In case of Taipei

■ The first system of Taipei

- 2009/03 started experiments
- By 11 stations, 500 bikes
- Not high usage



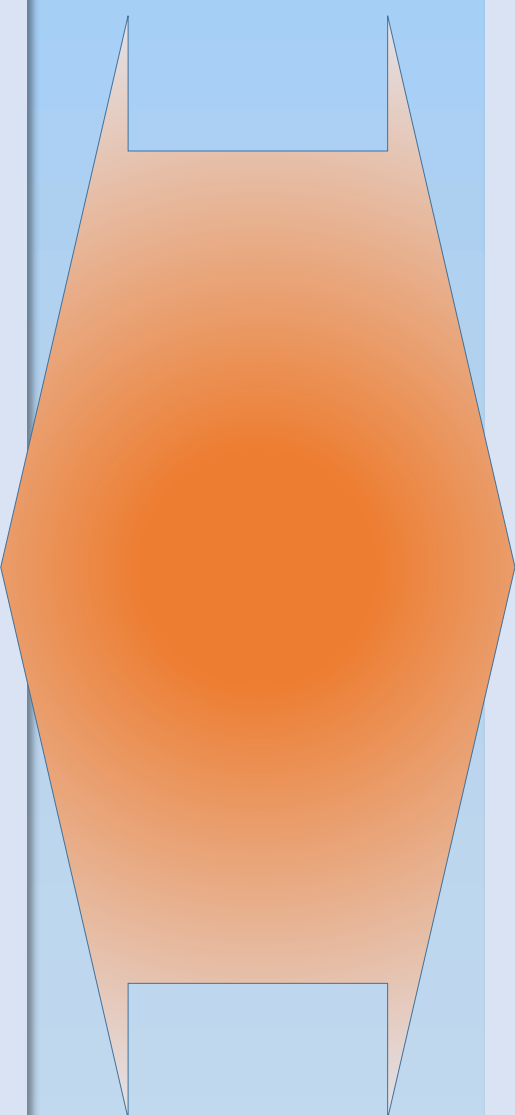
■ Whole City Project from 2012 to Now

- Enhance ⇒ High usage "More than 10 Time/Day/Bike"
- Mutual operation started in 2015.
⇒ By simple business form.

The main points of Integrate

- It is necessary to unify four current separate business.
- But each ward runs the business with independent resources and Different purposes.
- The following are examples of Method of the Integrate.

	Advantages	Disadvantages
A : Make a Unification organization	Simple scheme	The agreement between the wards
B: Add a wide area administrative body	It can use of a current scheme	Complicated scheme



The main points of Enhance

- Enhance for high utilization levels.

	points
① Define the model of the system for the organization.	The maximum number of the stations.
② Make clear a purpose of scheme.	Effect expression as the public transport.
③ Make clear balance of payments structure.	Burden on public body.