

Yokohama's Unique Urban Development and City to City Collaboration

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Today's Topics

✓ *Yokohama's Experience* in Urban development

✓ *Yokohama's City to City Collaboration*

City of Yokohama - outline -



Population	3,731,096
Area	435.29 km ²

(as of 1st January, 2017)



National Capital Region

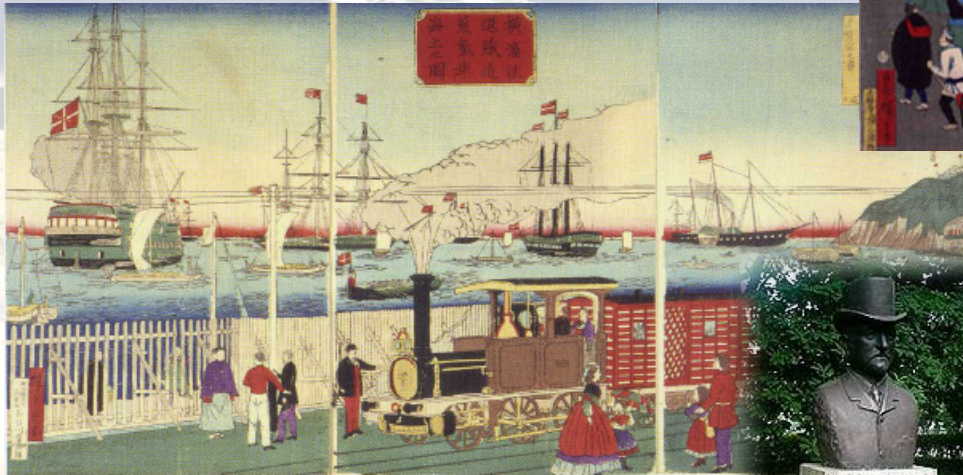


City of Yokohama - Port opening in 1859 -

Yokohama has developed as Japan's gateway to the world, a door to new cultures and technologies.



A gateway to the western communities and beyond



英国人技師
リチャード・ヘンリー・ブラントン氏



英国人技師 ヘンリー・スペンサー・パーマー氏

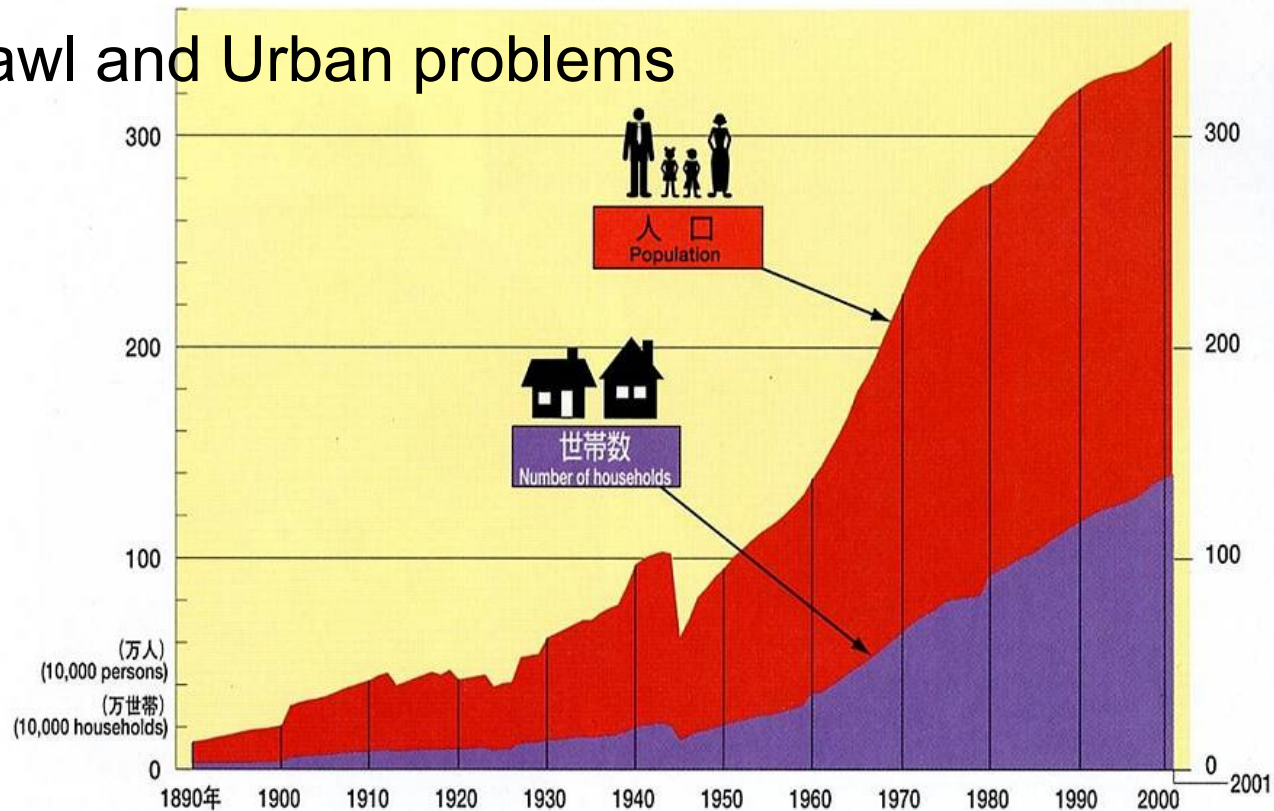
1859

Emergence of urban problems caused by the rapid population growth

The population doubled in the 20-year period between 1960 and 1980 (from 1.37 million to 2.77 million)



Intensification of Sprawl and Urban problems



Urban Challenges: Rapid Urbanization and Pollution

Polluted airs and water, traffic jam . .

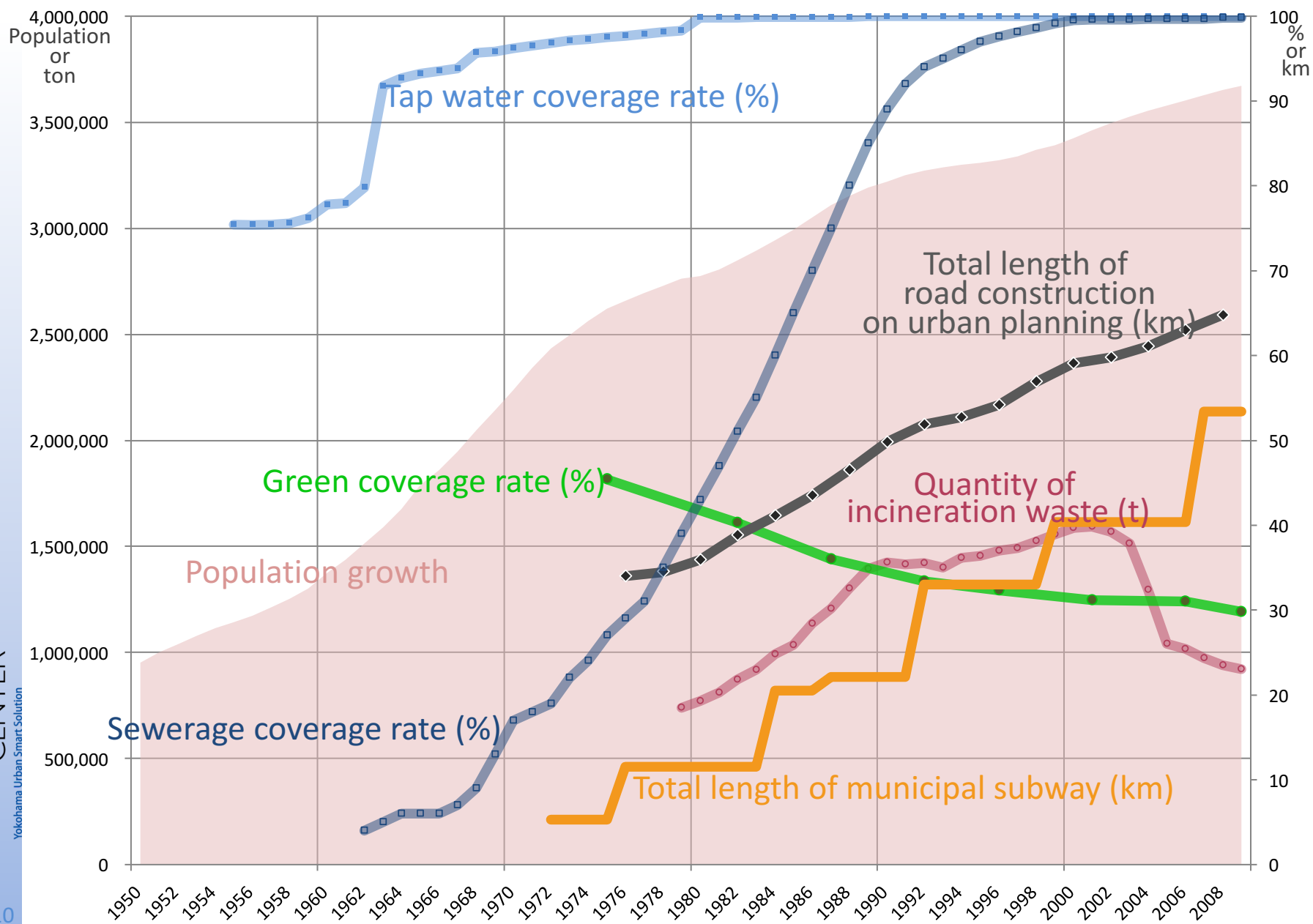


Urban Development in Yokohama City

Rapid population growth and urbanization caused.....



Population growth and infrastructure



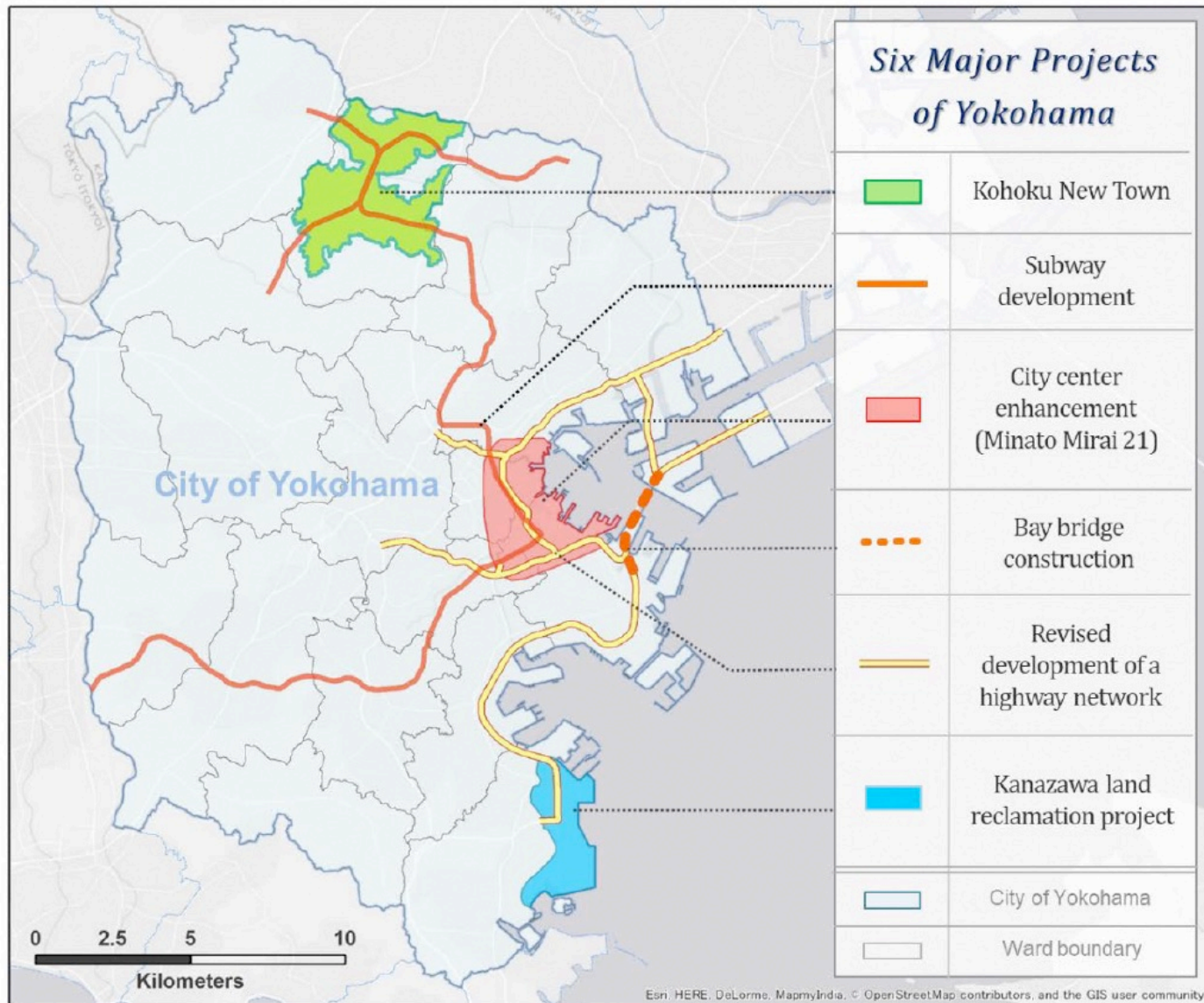
Urban Development in Yokohama City



The 6 strategic Projects
planned in 1965

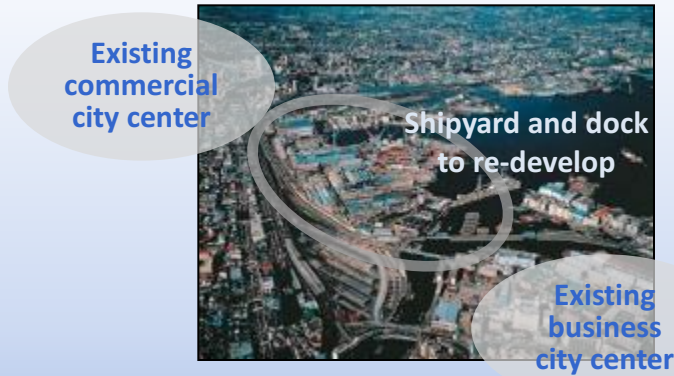


Six Major City Wide Strategic Project



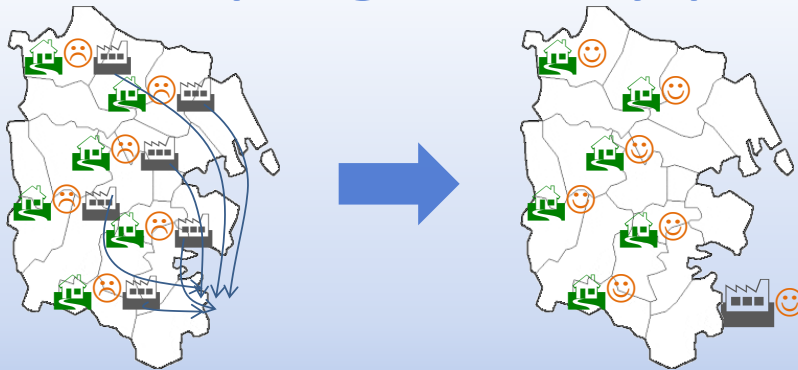
6 Major Projects in 1960s

Developing new city center



- Combining two existing city centers
- Providing work places for citizens

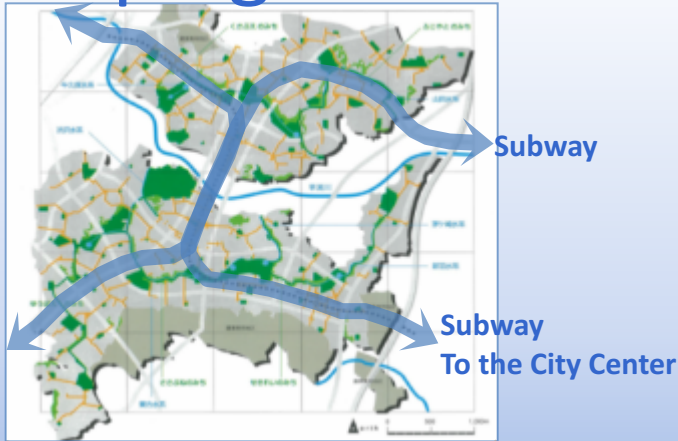
Developing factory park



- Building factory park by land fill to relocate small or mid-size factories which were scattered in residential area
- Building public facilities such as fire stations and kindergarten in residential area after factories moved out

6 Major Projects in 1960s

Developing new residential district



- Preventing from disordered urban sprawl, ideal development with plenty of greenery
- Providing ideal housing complex for citizens connecting to the city center by subway

Developing municipal subway system



- Filling up public transportation service in the residential area without existing private train service, connecting to the city center
- Contributing to the “Within 15 minutes to the train station for everyone” policy
- Providing alternative transportation after closing streetcar service



6 Major Projects in 1960s

Developing express ways



- Easing serious traffic jam within the city center
- Better access to Tokyo
- Contributing to the “Within 30 minutes to the city center by car” policy

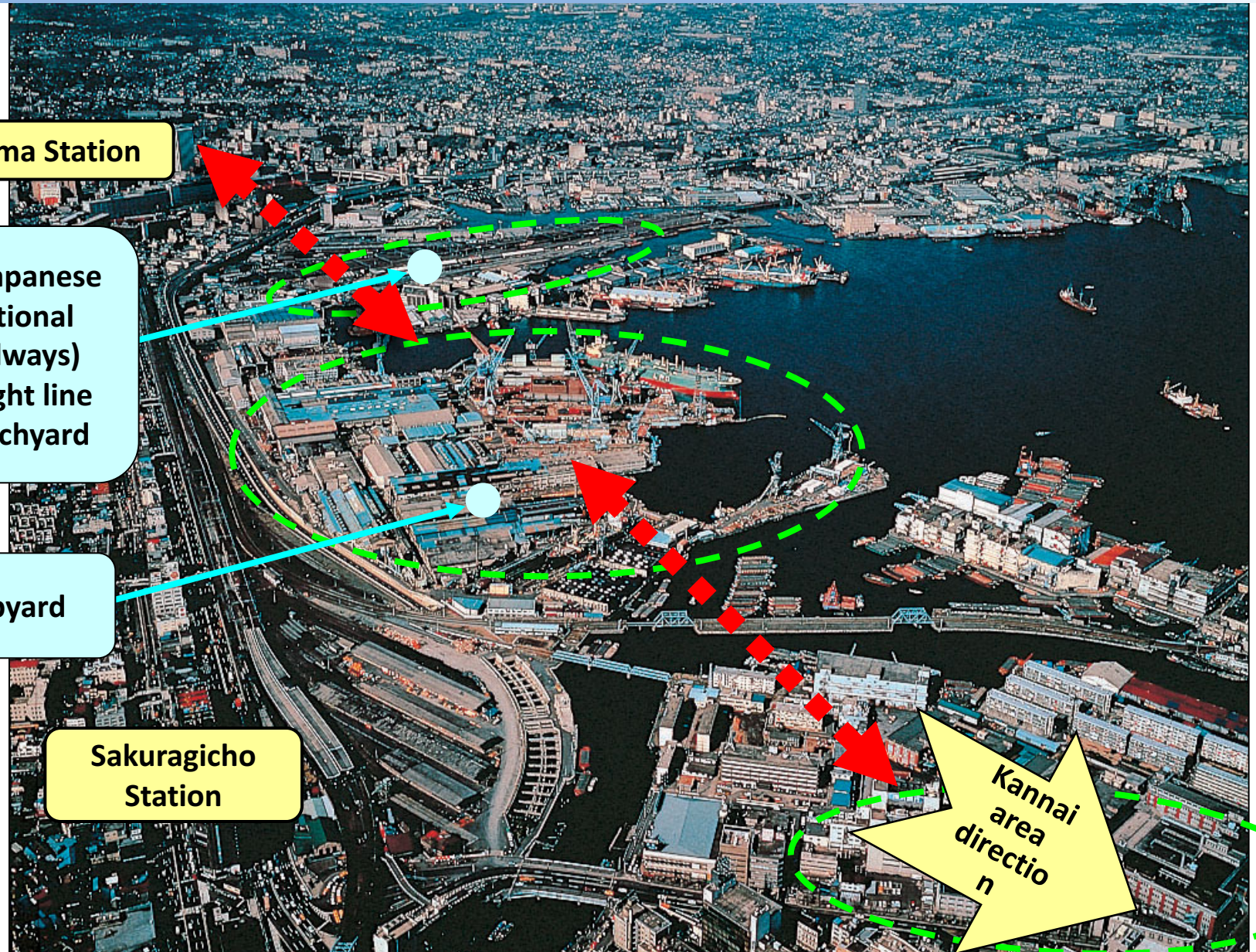


Building “Bay Bridge”

- Shifting distribution traffic such as heavy trucks and trailers from the city center to the port area
- Monumental icon for the waterfront city center



Minato Mirai 21 Area Before Start of Construction <1980>



Yokohama Station

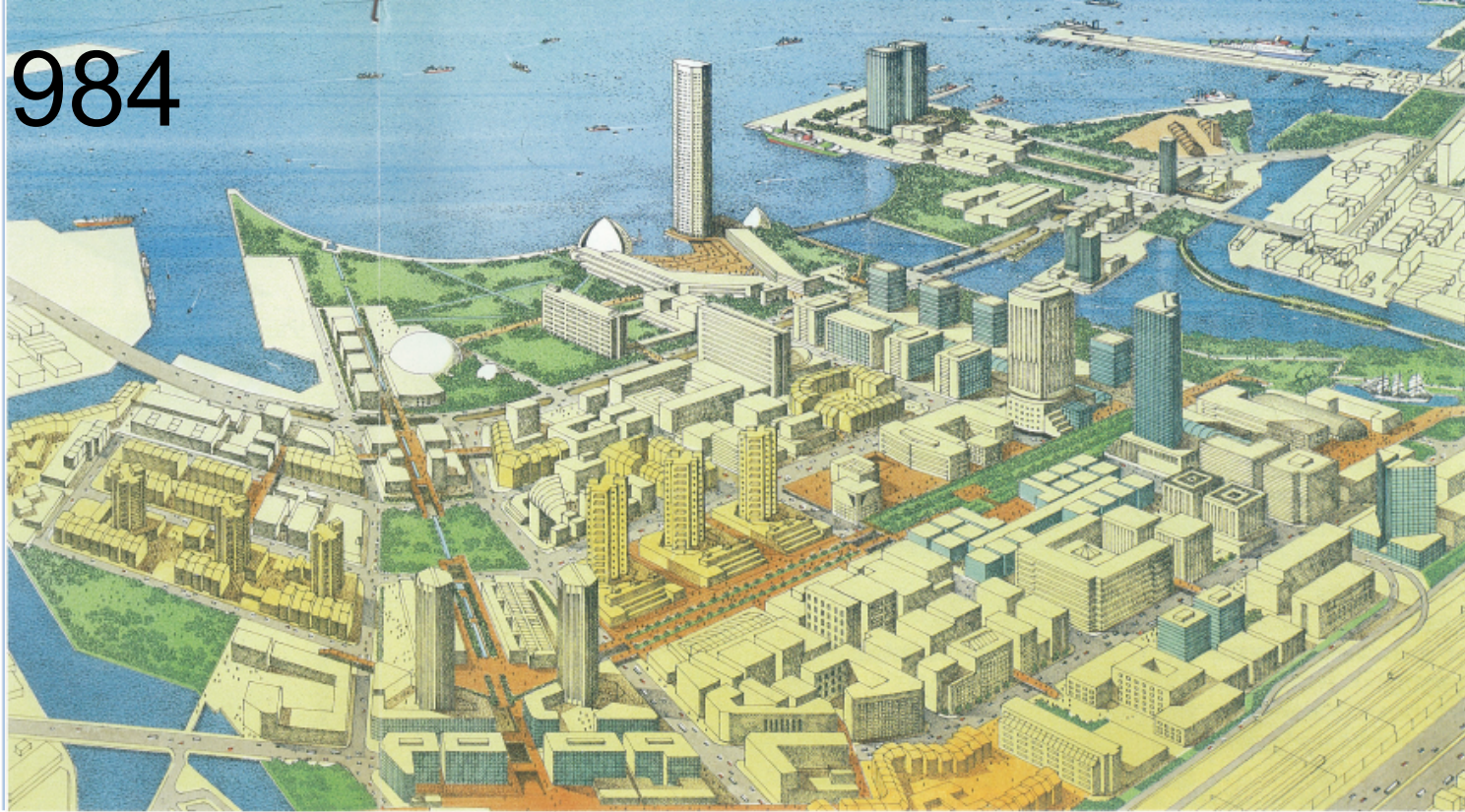
JR (Japanese
National
Railways)
Freight line
switchyard

Shipyard

Sakuragicho
Station

Kannai
area
direction

Plan in 1984



At Present



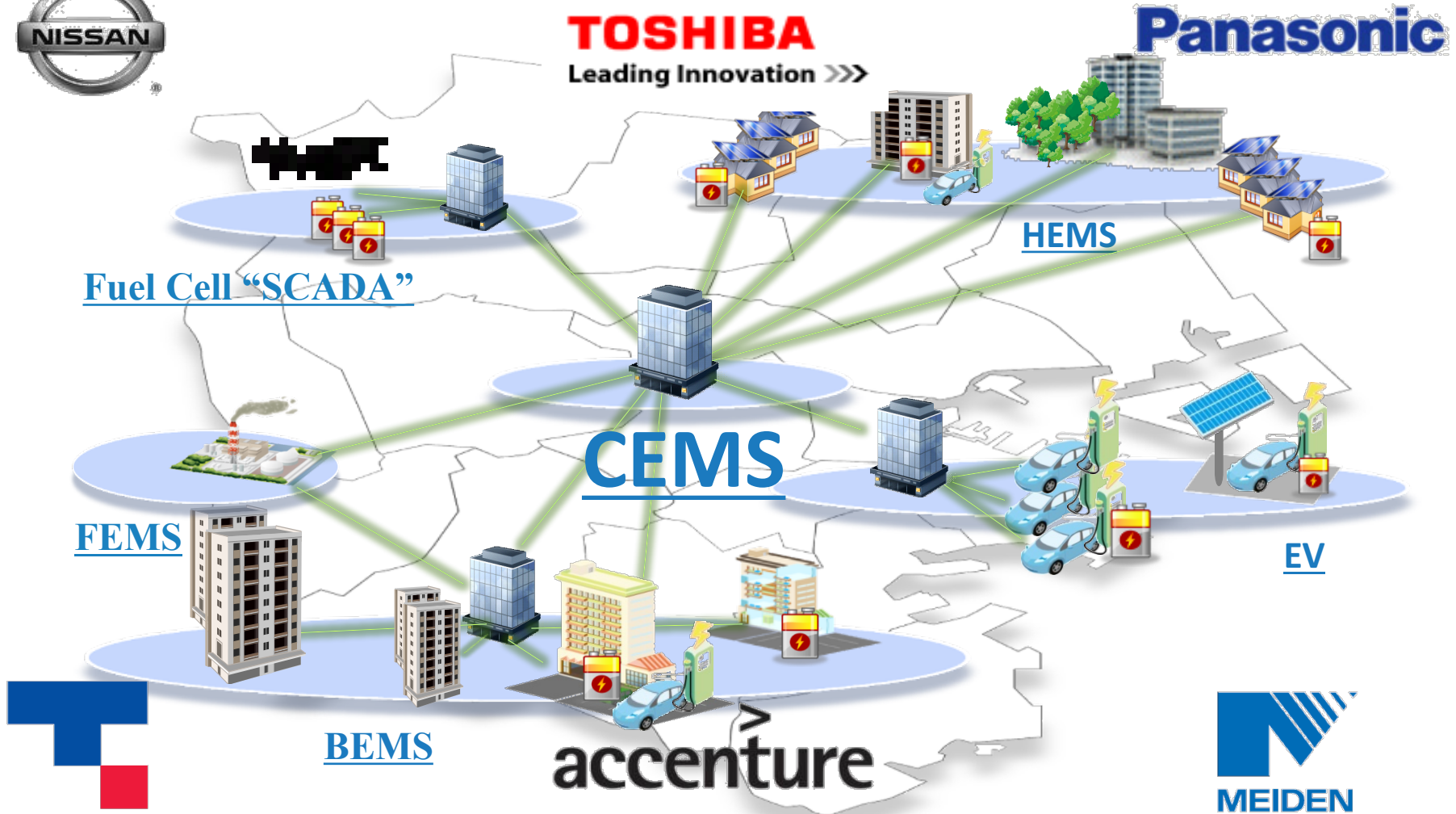
Yokohama Smart City Project

Making Yokohama the World Leading Smart City



TOSHIBA
Leading Innovation >>>

Panasonic



Target by 2014: PV27MW, 4,000 HEMS, 2,000 Electric Vehicles

● Minato Mirai 21 District: Showcase of Yokohama's urban development

Urban
Planning

○ Greener City Center



Grand mall park



Cherry blossom street

○ Integration of History, Culture and Art



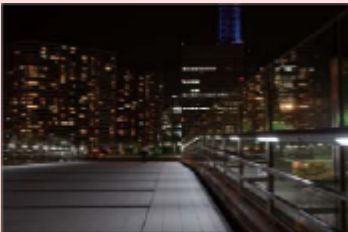
Nippon Maru
Memorial Park



Red Brick Warehouses



MM21 Pedestrian Bridge
LED Lighting



Utility Tunnels



Moving walkway at
Sakuragicho station

Landmark Tower



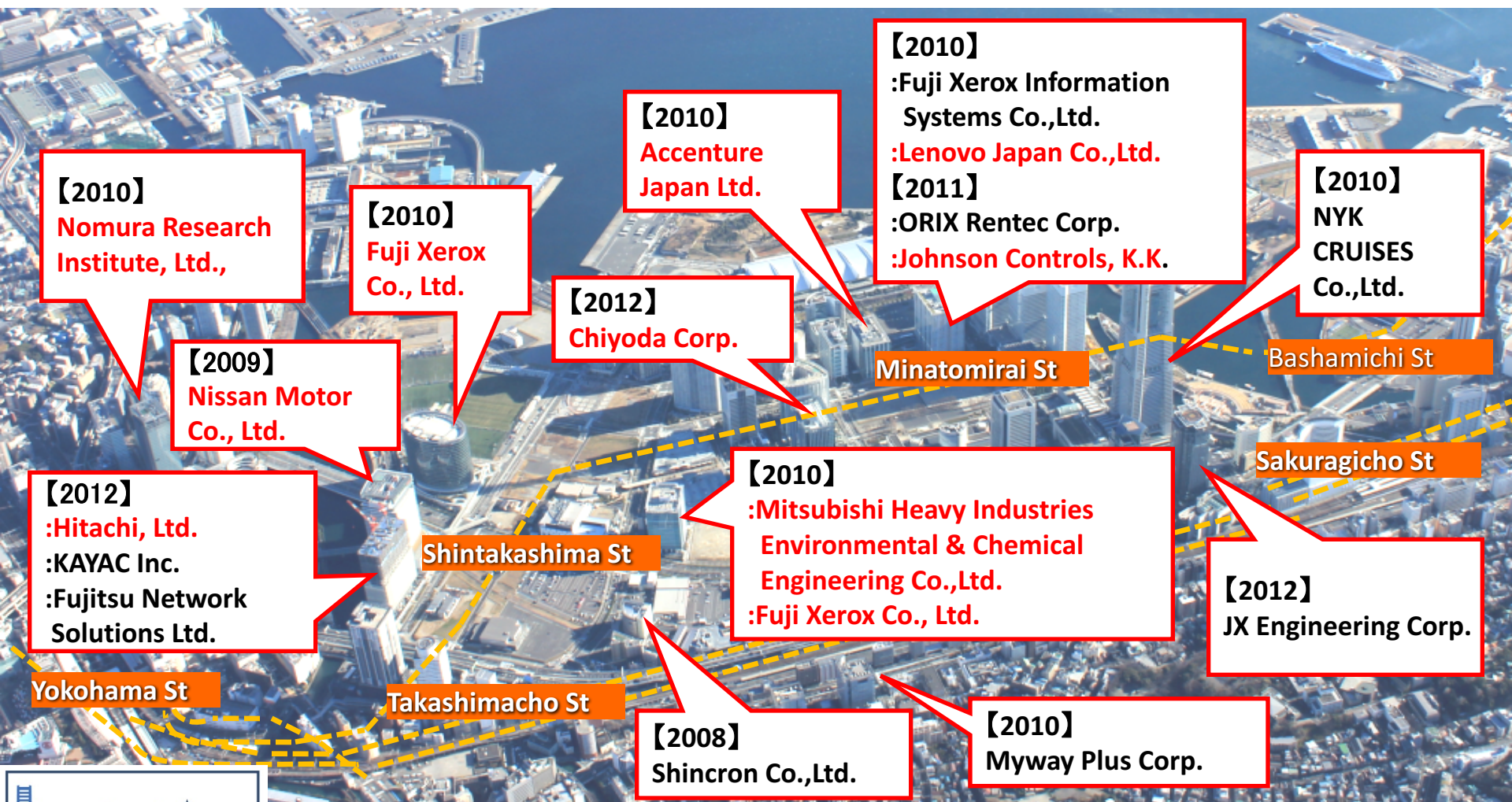
Reusing rain and
wastewater

○ Utilization of Renewable Energy towards Low Carbon Emission

Transformation of Urban Space

Last Two Decades

*Examples of the companies which relocated to MINATOMIRAI21 (2008~)



Enhanced Convention Facilities and Major International Events



Creative Cities and Cultural Interaction



YOKOHAMA
OTOMATSURI 2013
Welcome to the Music Ocean



DANCE
DANCE
DANCE
of YOKOHAMA 2012



イルミネーションが輝き始めた夕暮れ、潮風と幻想的な雰囲気満点のなかでの「ギリシャの踊り」
photo: Kiyonori Hasegawa



External Recognition on Achievement by the City of Yokohama

LEE KUAN YEW
WORLD CITY ○
PRIZE

2014 SPECIAL MENTION: CITY OF YOKOHAMA



- The Lee Kuan Yew World City Prize is a biennial international award that honours outstanding achievements and contributions to the creation of liveable, vibrant and sustainable urban communities around the world.
- In 2014, Yokohama was selected for Special Mention, and will be awarded during the World Cities Summit in June.
- Yokohama was recognised for overcoming its urban challenges faced over the last 40 years through excellent partnership with its citizens and stakeholders. Also the Y-PORT programme was mentioned for its clever marriage of economic growth and international contribution by tying up with local businesses to export urban solutions to emerging cities.





Yokohama's City to City Collaboration *overview*

Outline of Y-PORT program

Yokohama's Strength

Experiences in Urban Development



Technologies of Yokohama Based Companies



Y-PORT

Yokohama Partnership of Resources and Technologies

- ✓ Since 2011
- ✓ International Technical cooperation through PPP

Objectives

International Contribution

Expansion of Businesses of SMEs

Building a relationship between cities

More comprehensive Approach

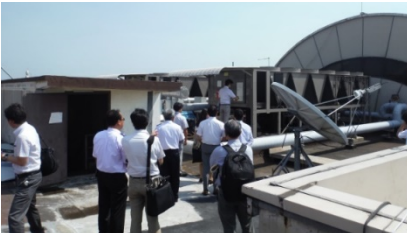
Bangkok



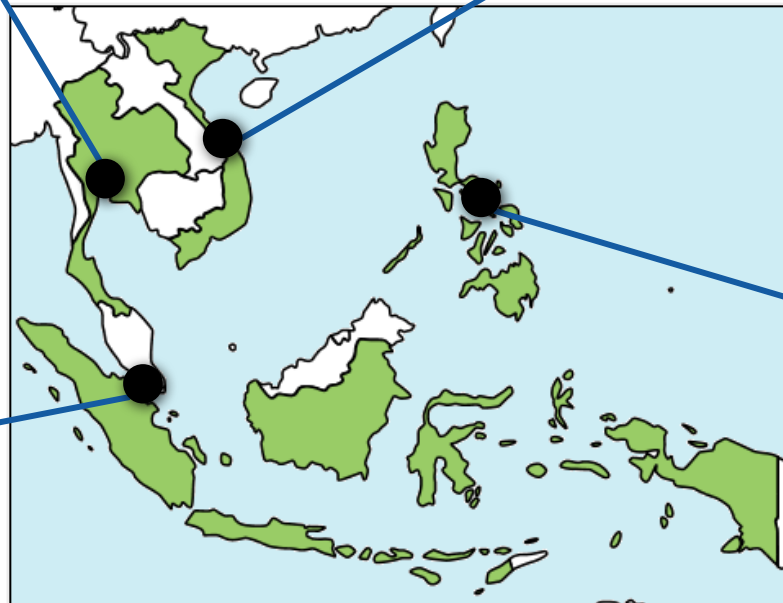
Da Nang



Batam

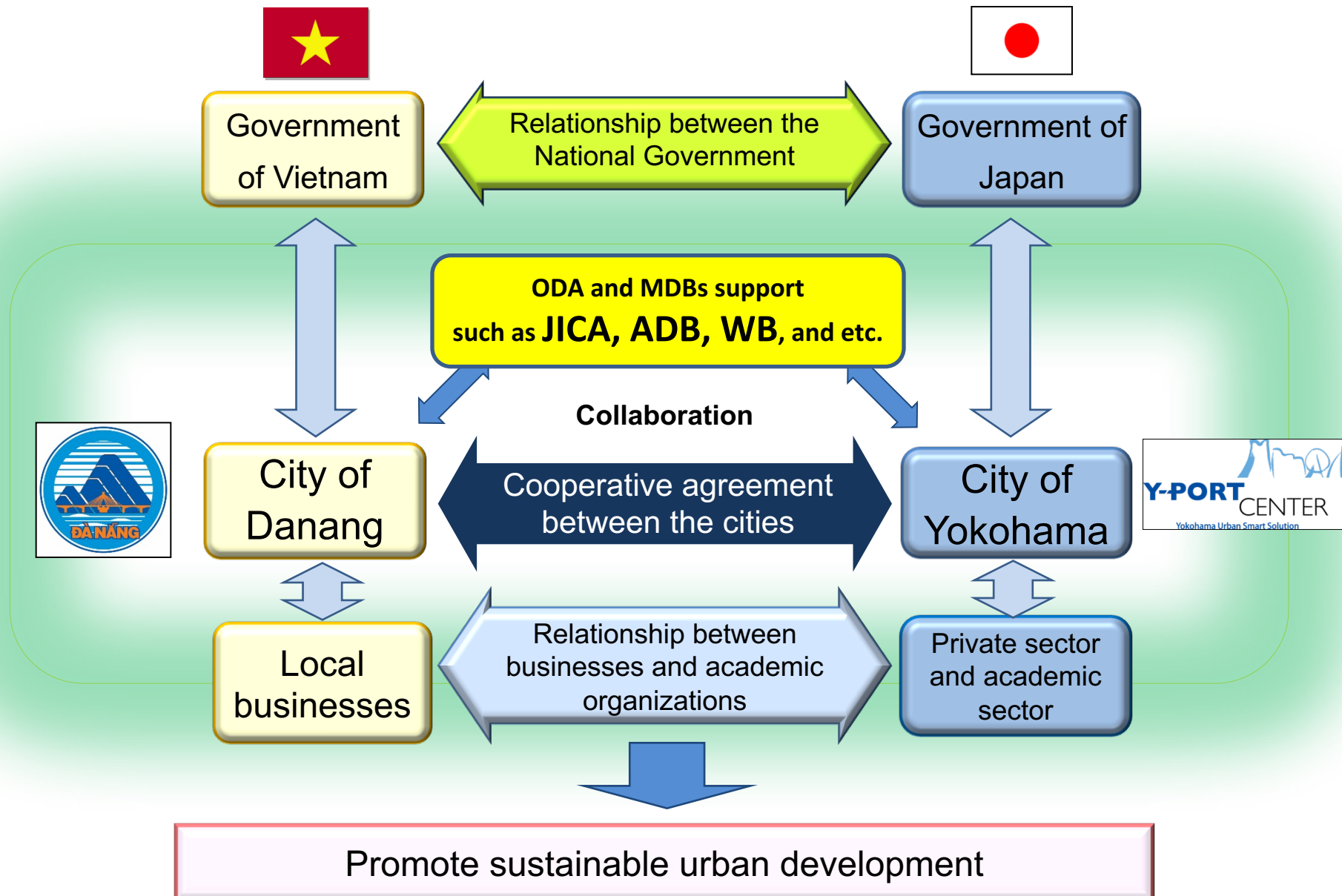


Cebu



● MoUs on Technical cooperation

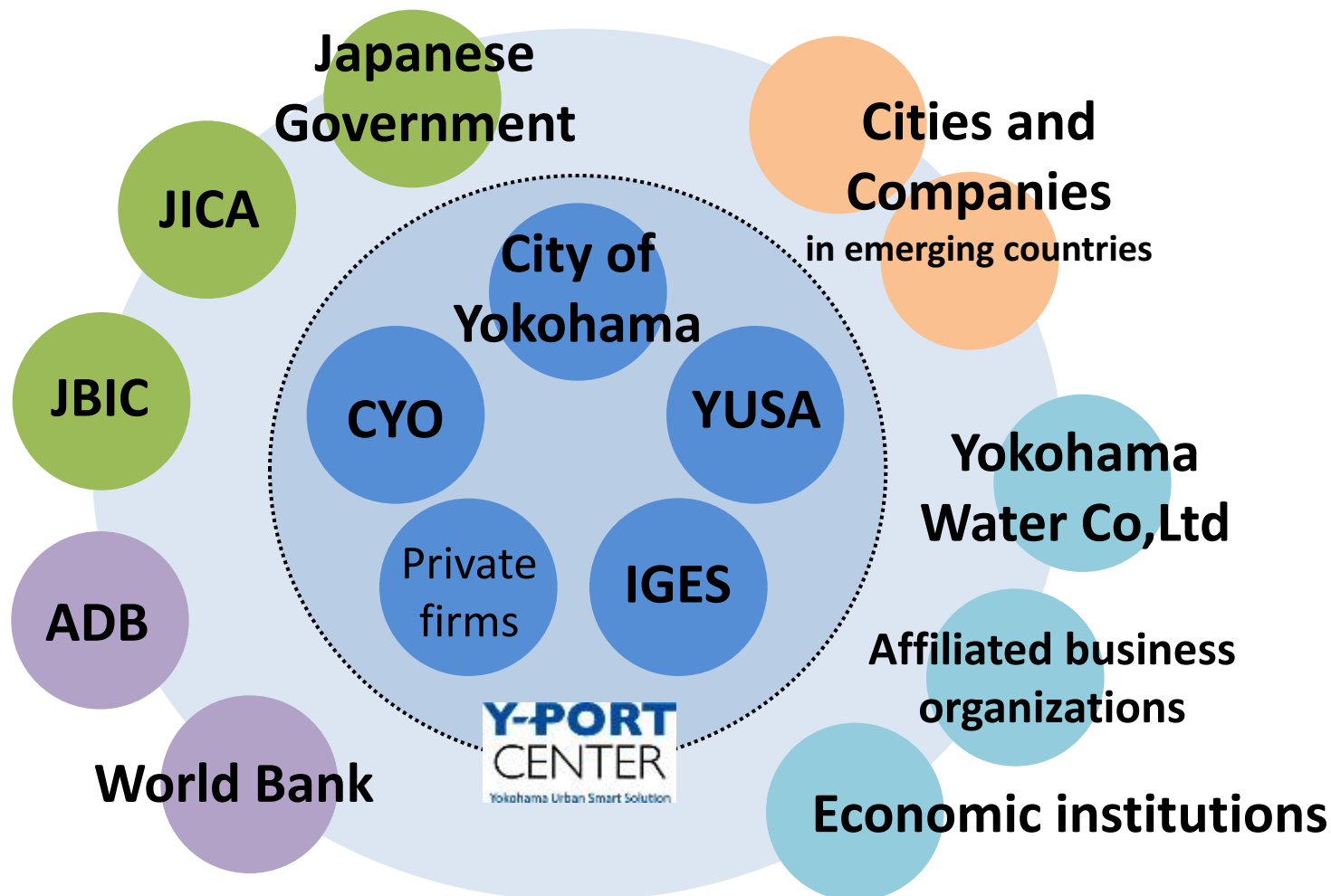
Framework of Cooperation between Da Nang and Yokohama



Creative Innovative Urban Solutions



Establishing a knowledge hub 《Y-PORT Center》



- providing best available urban solutions through dialogue
- gaining support from the government of Japan and donor agencies

Sharing know-hows for a Marketplace 《ASCC》

Asia Smart City Conference



7th Conference

【14-15 Nov. 2018】

- Asian cities
- International Organizations
- Japanese Government
- Private companies

A venue to create real projects through more practical discussions

Summary

- ✓ Building a relationship between cities
- ✓ Identifying priority issues
- ✓ Working on projects step by step

- ✓ Establishing a knowledge hub (**Y-PORT Center**)
- ✓ Providing packaged technologies (**YUSA**)
- ✓ Sharing know-hows as a Marketplace (**ASCC**)

Summary

1

Selective project-based approach is effective when resources are limited

2

Clear long-term vision with flexible approaches is critical to accomplish project-based development

3

Fostering an institutional framework to implement cross-sectoral coordination is a key element for holistic area-wide urban development

4

Presenting tangible short-term impacts is important for sustainable long-term urban development

5

Community-based movements and engaged stakeholders are essential factors in ongoing sustainable city development

Why Yokohama?

➤ Leadership and Full Collaboration by Stakeholders:

Direction from Mayor and People-centered approach

➤ Continuous Social Innovation:

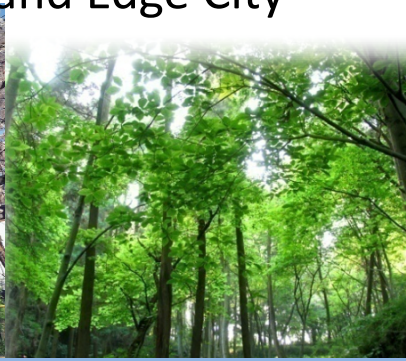
Human resources and institutional development is the key

➤ Holistic Approach:

Livable, Sustainable, Vibrant, and Culturally Rich City Development

➤ Yokohama is not Tokyo, London, Paris, Singapore nor New York:

Secondary and Edge City



For Smarter Cities, For a Smarter Earth



Get the things done



Thank you for your attention.