

Shaping Smart Cities

-Experience of UR, Japan-



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PRESIDENT

Urban Renaissance Agency(UR)

History of Urban Renaissance Agency (UR)

Transition of the Organization

1955

JHC

Japan Housing Corporation

1975

Land
Development
Corporation

1974

Japan Regional Development Corporation

1981

HUDC

Housing and Urban
Development
Corporation

1999

UDC

Urban Development
Corporation

2004



**Urban
Renaissance
Agency**

- Staff: **3,187**
- Capital: **9.9 billion USD**
(as of March, 2018)

Businesses in line with Policy Purposes

**Mass supply of
Houses and Residential Land**

**Improvement of Living Environment
and City Functions**

**Urban
Revitalization**

Economic and Social Situation of Japan

Rapid Economic Growth

Economy: from 1950s to 1970s

Population: **Population Bonus**

Tokyo
Olympic
In 1964

Baby Boom
in 1970s

Events:

Steady Economic Growth

from 1970s to 1990s

Privatization of
Japan National
Railway in 1987

Great Hanshin-Awaji
Earthquake in 1995

Population Peak
in 2010

Maturation Period

from 2000

**Declining Birthrate
and Aging Population**

Great East Japan
Earthquake in 2011

Business fields of UR in Japan

Urban Renewal

In cooperation with private businesses and local authorities.

- To coordinate Vision, Planning and Conditions
- To join the project as a partner



Minato Mirai 21 (Yokohama)

New Town Development

Safe and comfortable life in the suburbs

- To advance safe, secure, and eco-friendly city building coping with aging population and lower birthrate
- To realize attractive suburban life or local living



Tama New Town (Tokyo)

Rental Housing

Manages and provides rich living space.

- To manage rental housing through cherishing trust relationship with 740,000 units
- To promote to live in the urban center, to secure stable rental housing for elderly, to improve child care environment.



Tamadaira no Mori (1,512 units)

Disaster Restoration

Supports reconstruction and installs preventive function.

- To promote building disaster resilient urban area



Onagawa Town (Miyagi)



Recovery Image of Onagawa Town

Our Achievements



New Town
292 projects
44,000 hectares



Housing
1.58 million units

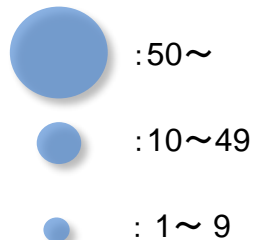
Our Achievements

Urban Redevelopment (Mostly TOD)

253 projects※

※Except for Suburban areas,
and Disaster Redevelopment

Number of projects



Representative Projects

Otemachi



Minato Mirai 21



Umekita



Umekita

Before



Future



On going



Future



Tamadaira-no-Mori

Before

1958

2,792
Housing Units



After

1,528
Housing Units

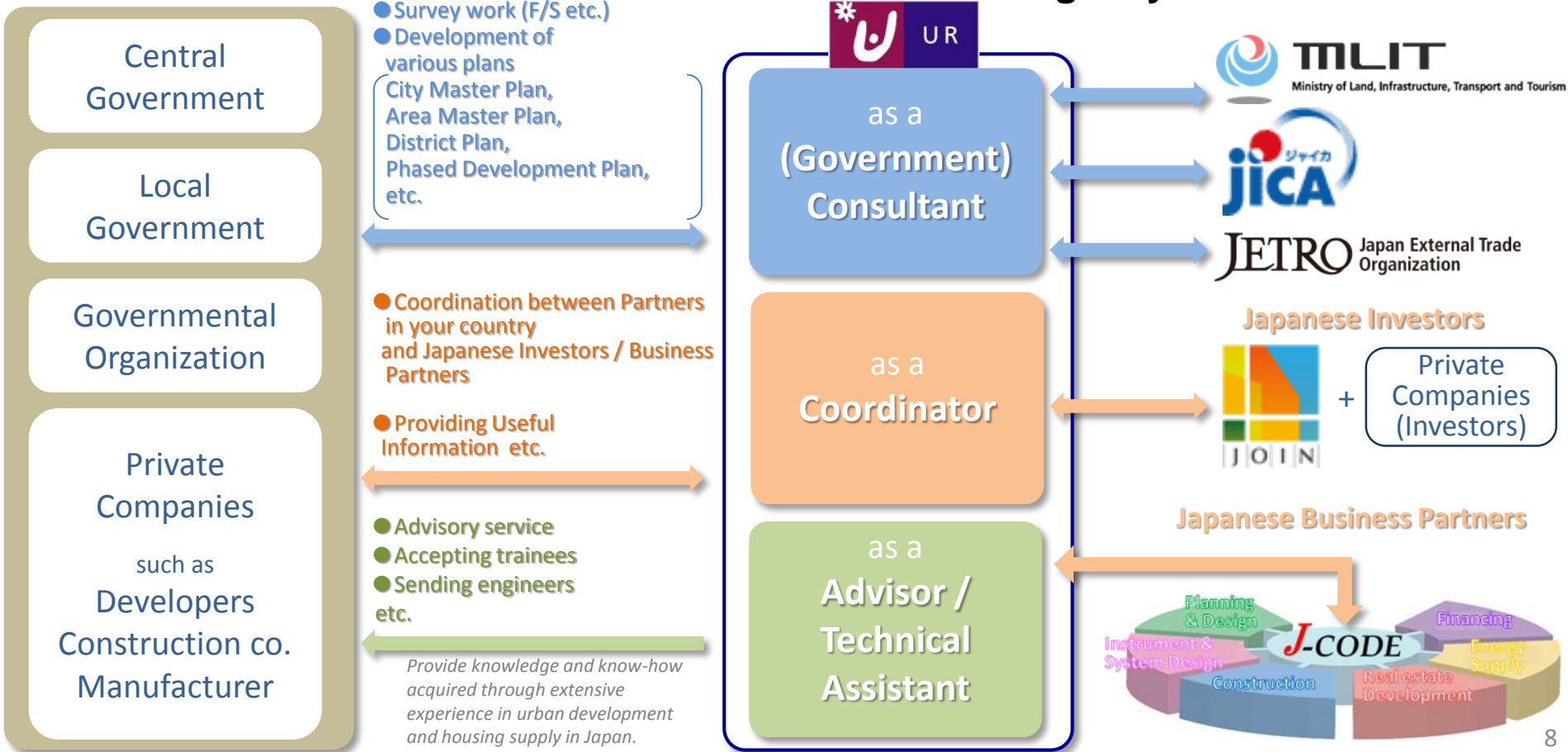
2018



What UR can do in your country?

Partner, Customer

Urban Renaissance Agency



Japan Association for Smart Cities in ASEAN (JASCA)

Purpose

- **Building relationship** between the public and private sectors with the partner country.
- **One-stop contact point** for each country (city) for project formulation.

Structure of JASCA

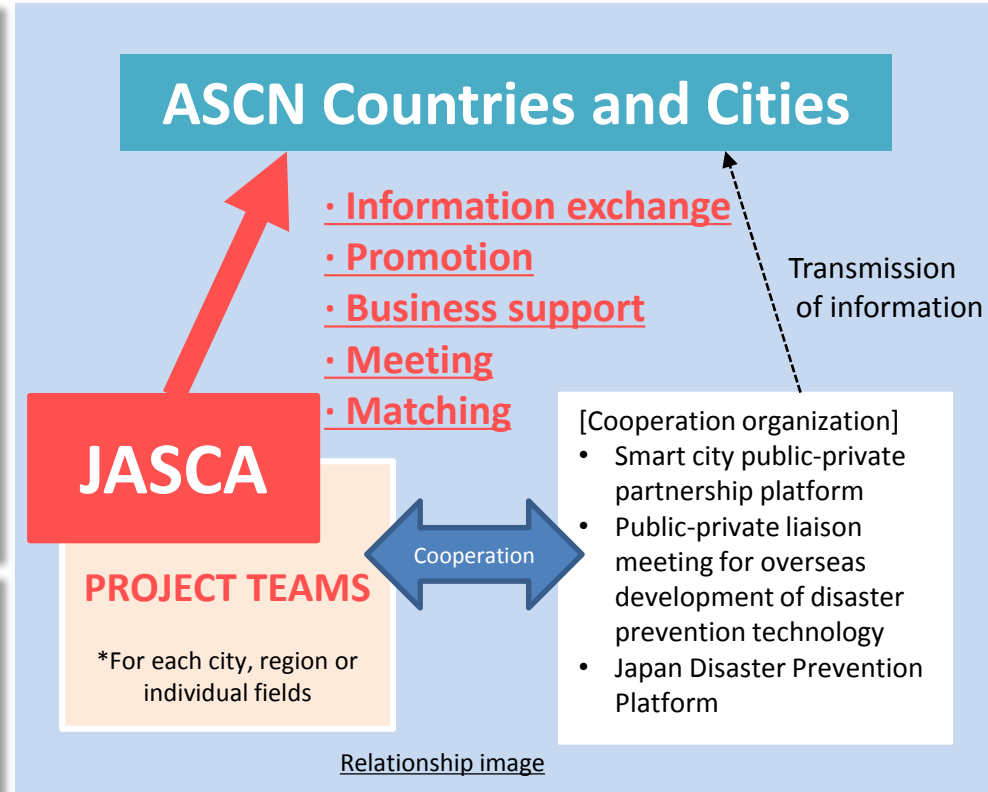
- Government-related ministries and companies
- Local governments
- Other organizations interested in promoting smart cities in ASEAN

Expected activities (coming 6 months)

- Understanding and matching issues / needs
- Follow-up Yokohama meeting
- Collaboration with existing platforms

JASCA Secretariat:

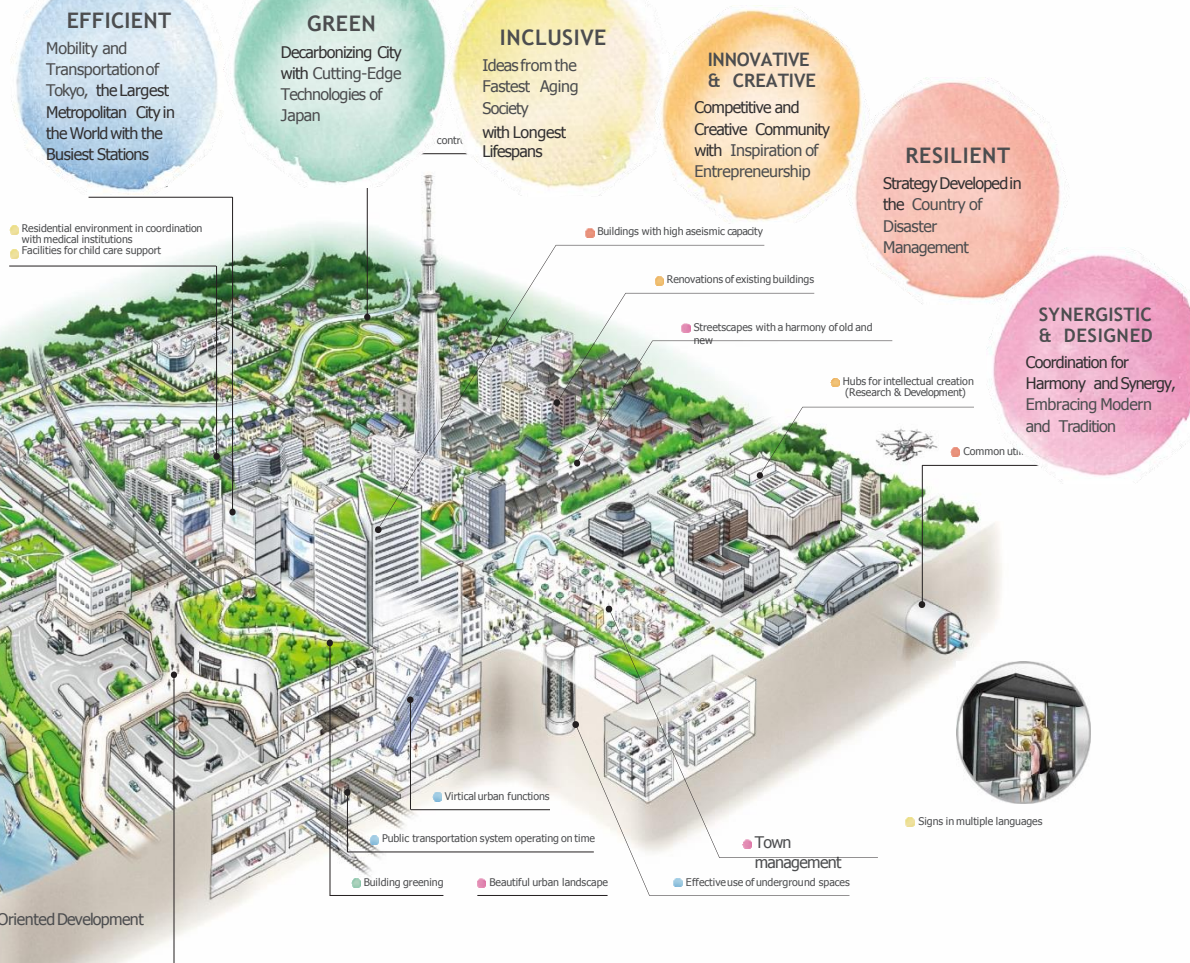
Cabinet Secretariat, Cabinet Office, Ministry of Internal Affairs and Communications (MIT), Ministry of Foreign Affairs (MOFA), Ministry of Economy, Trade and Industry (METI), Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Ministry of the Environment (MOE)



Smart Cities for Achieving SDGs

Advantages of Smart City in Japan

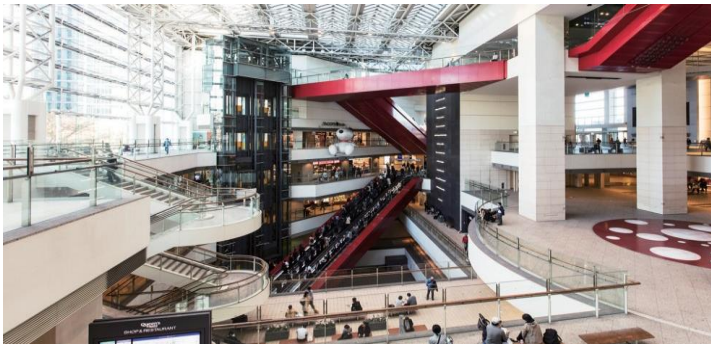
Along with its long history and distinctive culture, Japanese cities have realized high Quality of Living by maximizing the potential of limited space including underground development and by tackling national challenges such as disasters, low birthrates and aging societies. Smart city elements are structurally woven into Japanese cities that have integrated various urban functions and enabled effective management of the city, based on Japanese aesthetics and technologies.



Before



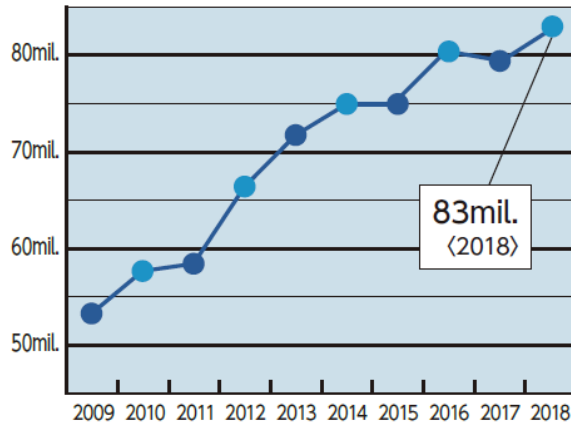
After



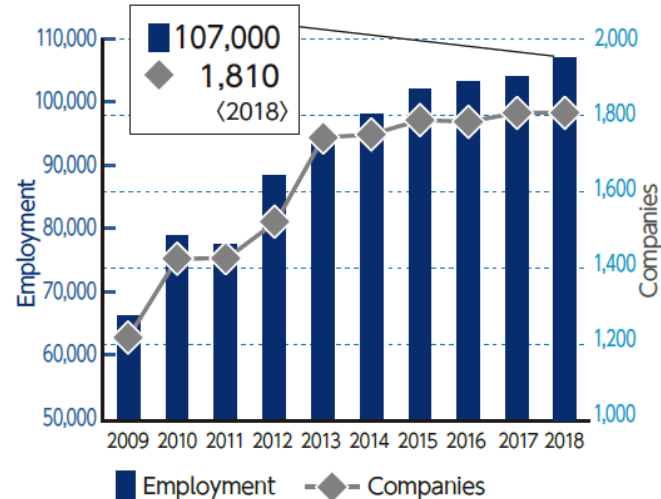
Project Results- Offices & Visitors

	2005	2018	Increase	Increase ratio
Employees	56,000	107,000	47,000	1.84
Number of offices	1,140	1,810	620	1.54
Number of visitors/ year	47,000,000	83,000,000	34,000,000	1.72

Transition of Visitors

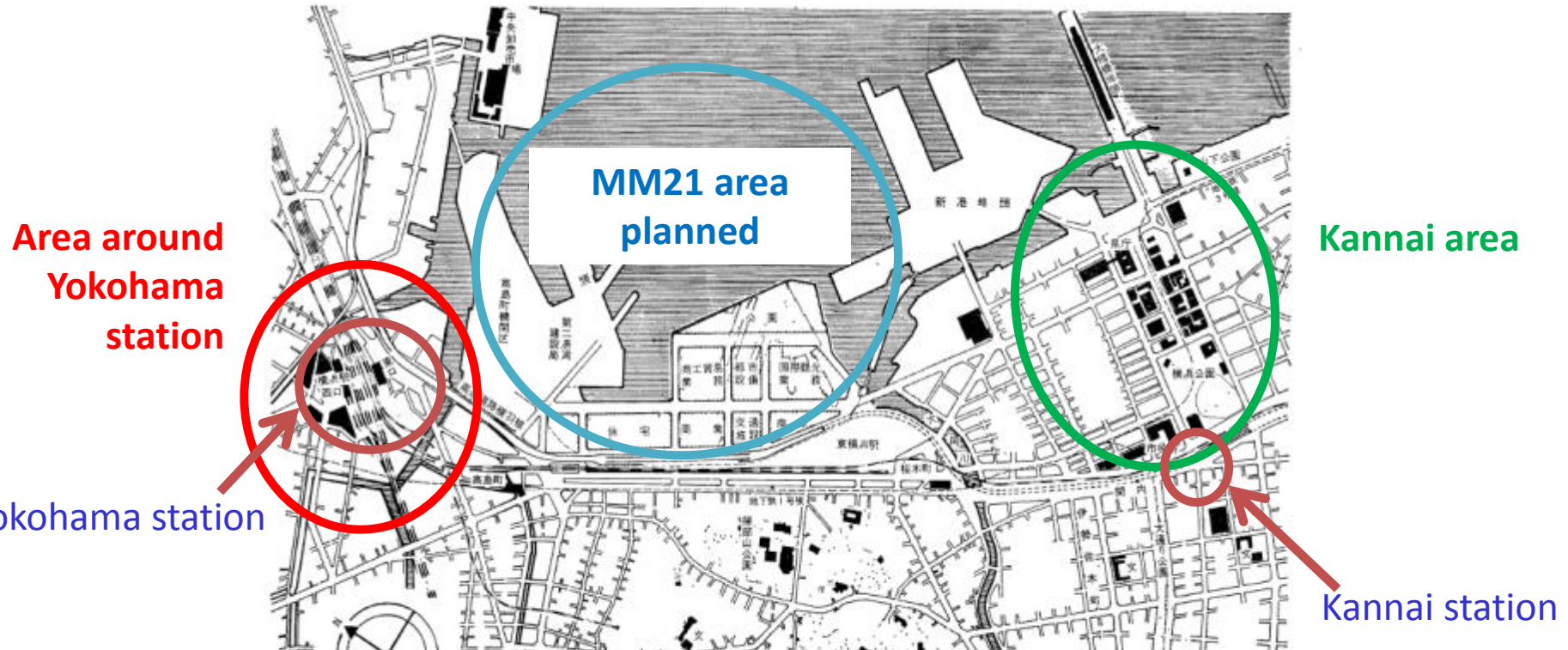


Transition of Employment and Companies

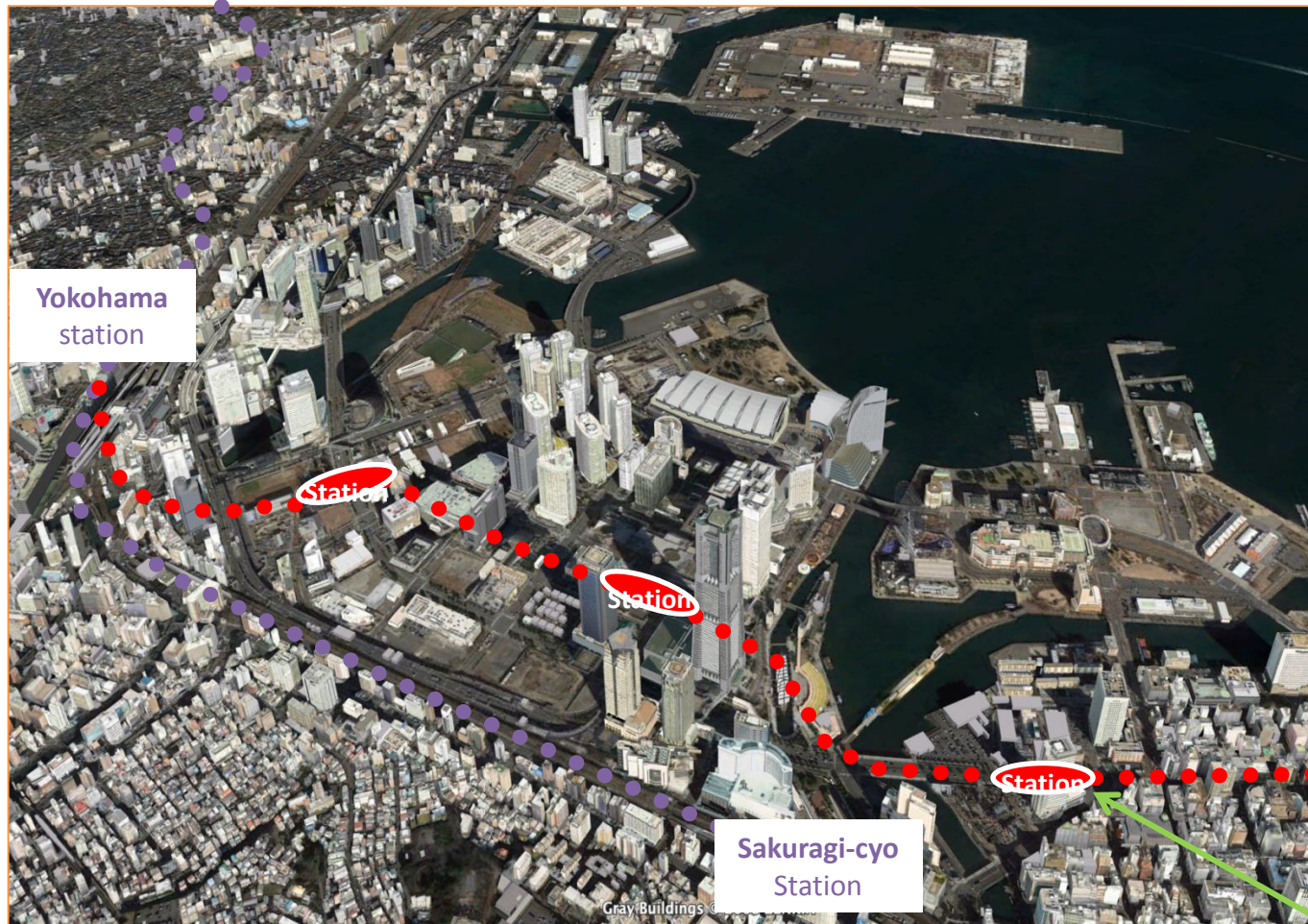


In 1983, the City Plan was Adopted, and Land Reclamation and Land Readjustment were authorized by those ministers in charge.

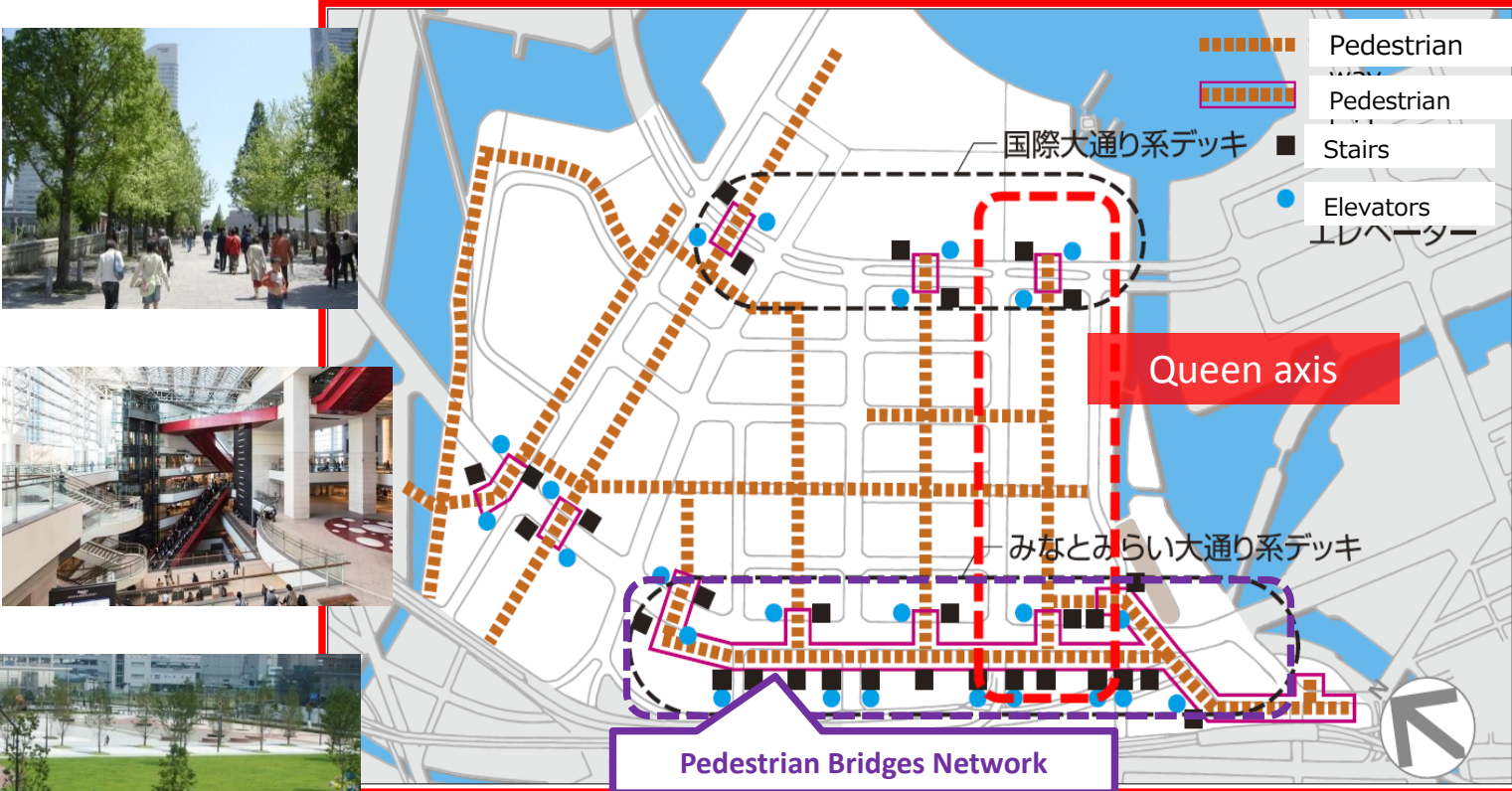
Land development plan at that time



Halfway



Walkable: TOD with Pedestrian Network



Synergistic: Mixed Use - Landmark, Office, Shops, Residence, Culture ...



Thank you for your attentions!



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