

Solution to Urban issues

- Sharing our experience with the world -

The 6th
ASEAN-Japan Smart Cities Network
High Level Meeting



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Urban Renaissance Agency(UR)

Profile



Urban Renaissance Agency (UR)

Designing cities where people are the main actors

UR has been designing cities in Japan over the 60 years, leveraging its expertise of land readjustment, town and city management, and various development methods.

President	ISHIDA Masaru
Establishment	1955 as Japan Housing Corporation, 2004 as UR
Type of Entity	Independent Administrative Agency*
Ordinary Income	USD 904 million** (JPY 136 billion)
Total Assets	USD 783 billion** (JPY 1.17 trillion)
No. of Staff	3,210 (as of April 2024)

*Based on "Act on the Urban Renaissance Agency, Independent Administrative Agency"
**account settlement FY2023, Currency Rate USD1=JPY150

Urban Redevelopment



264 Projects

Rental Housing Management



Currently managed **700** thousand units
Total number of units supplied **1.6** million units

Disaster Reconstruction (Build Back Better)



26 Cities
The Great East Japan Earthquake in 2011

New Town Development



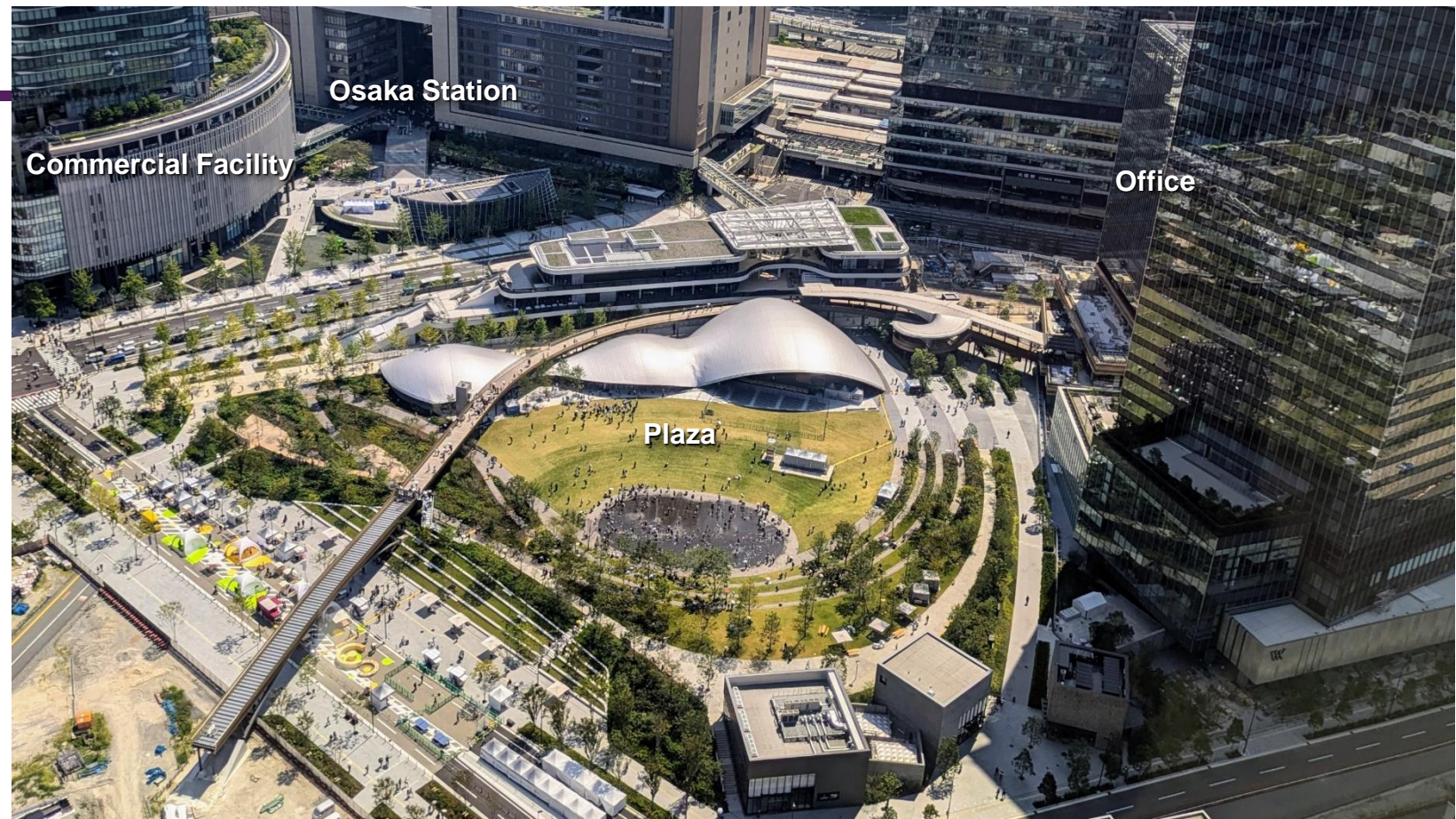
281 Projects
(41,500 ha)

Umekita (Osaka)

Area: 24ha



Before development (2004)



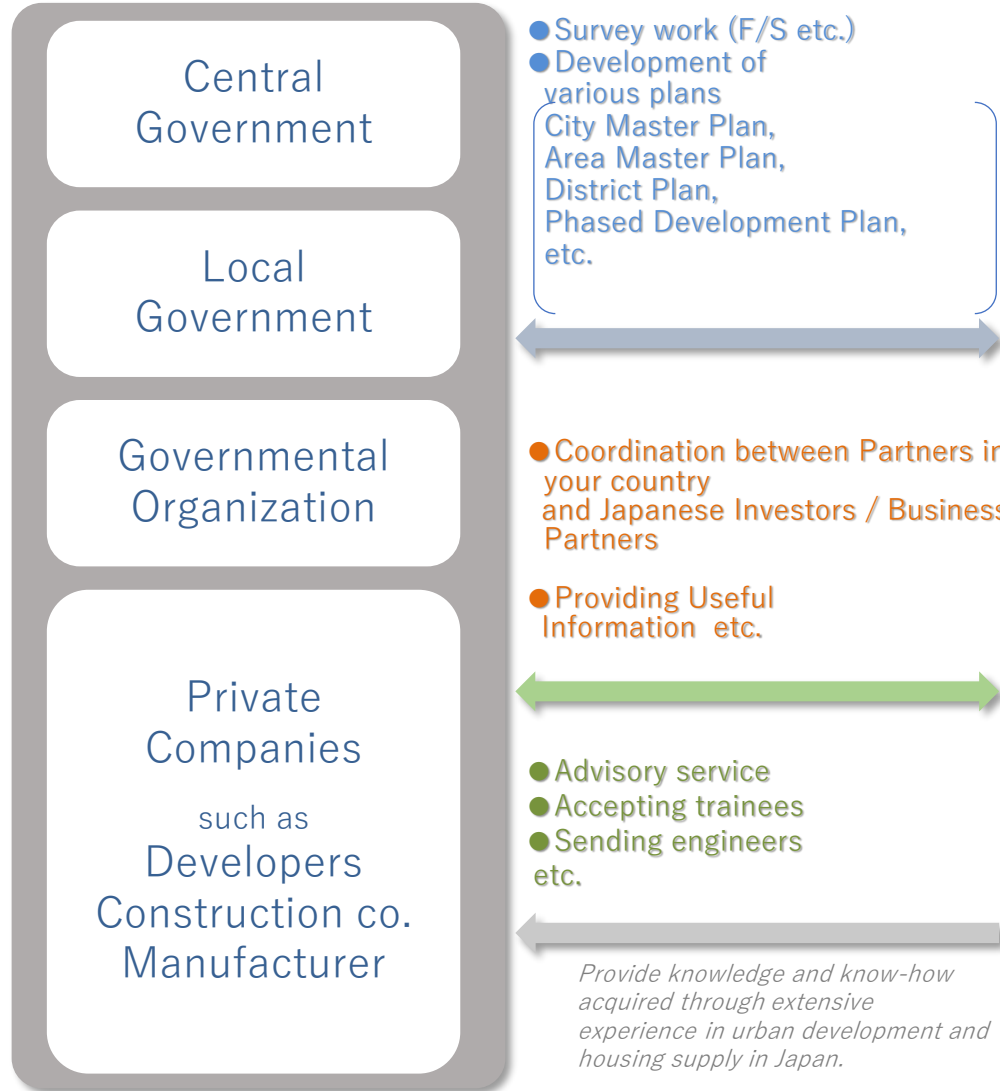
Current situation (2024)

Project Overview

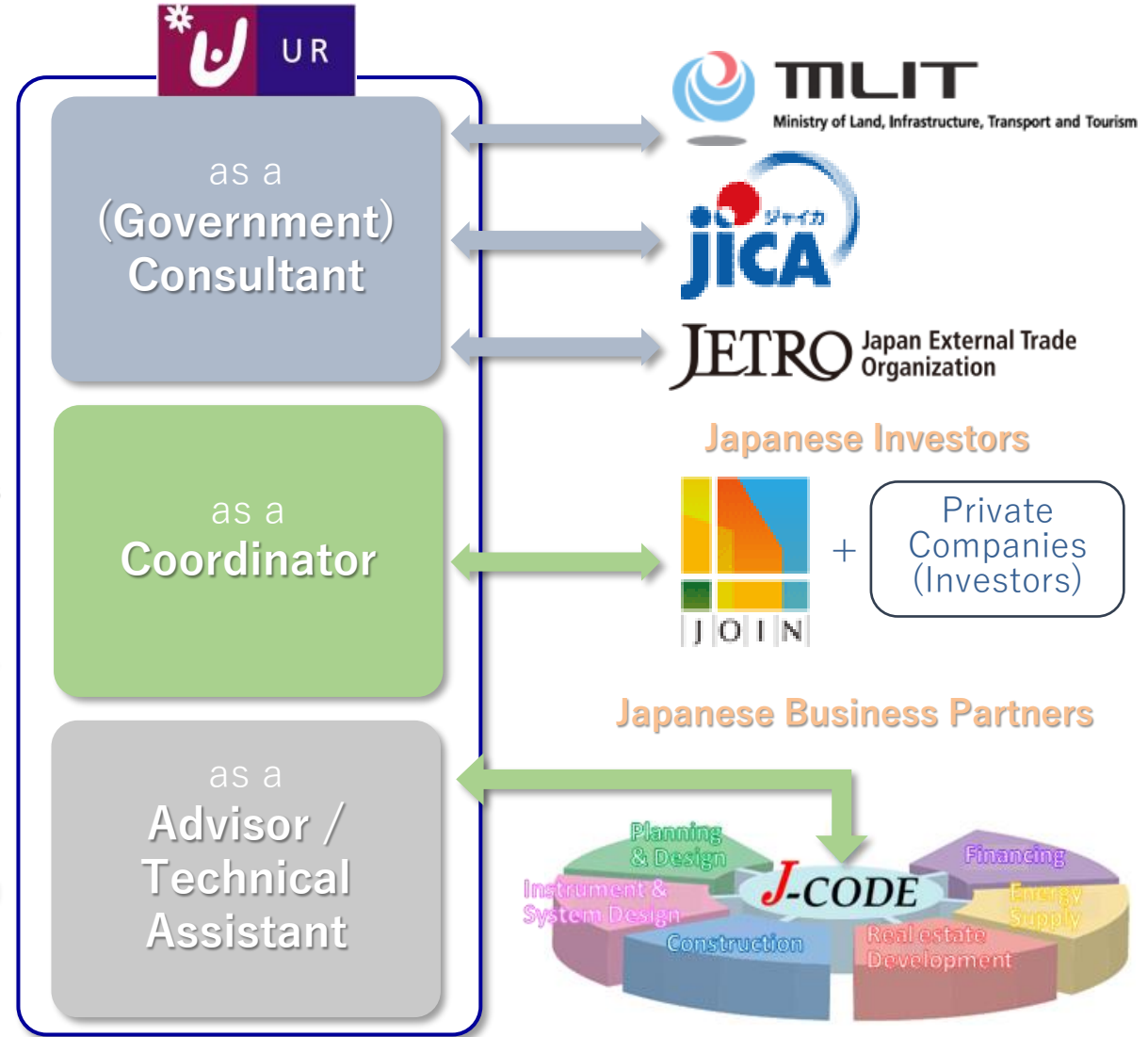
- This TOD is area-wide development of a former freight station and cargo yard just in front of Osaka Station.
- UR acquired the art of the site and developed infrastructure through land readjustment. JR West constructed a new station beneath the site, and the local government developed a large public park opened in 2024.
- Private entities developed offices, R&D hub and commercial facilities after purchasing the improved site from UR. This is a good example of a public-private partnership (PPP) to realize TOD.

What UR can do in your country ?

ASEAN Countries Partner, Customer

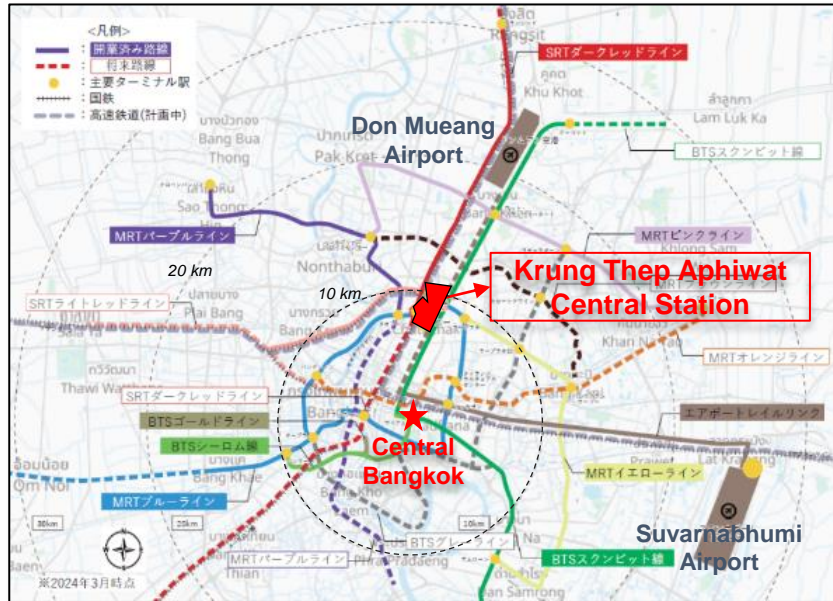


JAPAN



Support for large-scale smart-city development by the Thai government

- The Thai government aims to build a smart city suitable for a major transportation node in the area around Krung Thep Aphiwat Central Terminal in Bangkok (already opened in 2021) (Bang Sue district, 372 ha).
- In 2016, the Ministry of Transport in Thailand requested the Ministry of Land, Infrastructure, Transport and Tourism in Japan to cooperate in the development of the Bang Sue area. UR also participated in the project and started to study it. In 2020, the Ministry of Transport in Thailand, the State Railway of Thailand, the Ministry of Land, Infrastructure, Transport and Tourism in Japan and UR exchanged a Memorandum of Cooperation (MOC)



Location map of Bang Sue district



Situation in Bang Sue district



4-party MOC exchange (Dec. 2020)



Exterior of the station building

UR created the development vision and the leading project plan and proposed them to the Thai government in March 2023 to support the Thai government's smart city development

Support for large-scale smart-city development by the Thai government

UR development vision and leading project plan (proposed to the Thai government in 2023)

Advantages of the Bang Sue Area (Characteristics)

- Various urban functions - For every kind of visitor
- Steeped in nature - Surrounded by the largest park in Thailand
- Accessible to a wide area - Diverse transportation modes are clustered together

Overall Plan for the Bang Sue District

A futuristic city where greenery, ICT, and diversity interweave
~A city that creates new lifestyles~

Four Layers that Make Up the Bang Sue District

Space Composed of 4 Multilayers

- Layer 4: Advanced Technologies to Support Urban Sustainable Growth**
 - Using cutting-edge technology to support urban growth by ensuring comfort, safety and security, and environmental friendliness
- Layer 3: Diverse Urban Functions that Promote Livability and Community**
 - Diverse functions to work, learn, play, visit, and live
 - An environment to promote community among diverse people by taking advantage of the district's features
- Layer 2: Planning Pathways to Connect Economy, Culture, and Surrounding Areas**
 - A network that strengthens the transportation hub
 - Connects a pedestrian network connecting sectors
- Layer 1: Easy and Comfortable Spaces**
 - A space to feel the peace of nature
 - A relaxing space that makes you want to visit and stay

Layer 4: Advanced Technology to Support Urban Sustainable Growth

Connection, Support, and Accelerator with ICT (City OS)

- Supporting Connectivity and Ecosystems
- Helping People on the Go
- Supporting Safety
- Information Dissemination
- On Demand Point
- AI Night Lights
- Monitoring by Camera
- Monitoring Apps
- Outdoor Air Purification
- Local Community Apps
- Business Matching
- Moving Walkways
- Smart Mobility
- Staying Cool
- District Cooling System
- Green Power

Development vision (proposed in Mar. 2023)

1. Creating a New Iconic Image
Sense of Arrival in Bang Sue Station Front

2. Multi-Layer Network to Enhance TOD
and Surrounding Developments

3. Pedestrian & Vehicle Separation
with Street Block Parking

4. Active 24/7 Station Front
Public Space for All People

Bangkok Smart City OS

Bangkok Smart City OS

Bangkok Smart City OS

Bangkok Smart City OS

Leading project (proposed in Mar. 2023)

- UR held working group meetings of 11 Japanese smart companies (four meetings in total) and interviews with Japanese developers to present highly feasible development plans that take into account the wishes of the private sector
- As a result, expectations for development were raised and the project moved to the stage of formulating the Action Plan and approving the Smart City Plan by the Thai Government.

Overseas initiatives

TOD Forum in Bangkok

In June 2024, UR and the Ministry of Land, Infrastructure, Transport and Tourism in Japan jointly held the TOD Forum in Bangkok.



TOD Forum in Bangkok (June,2024)

UR Overseas Offices (Bangkok, Jakarta)

In 2024, UR opened new offices in Bangkok and Jakarta. UR will have a resident representative in ASEAN to deepen relationships with local governments and private companies, and to strengthen information gathering on local urban development and other issues.



Staff of Bangkok office



Staff of Jakarta office

UR's experience and knowledge about **TOD** and **Smart City** projects in Japan has been highly evaluated by partners in ASEAN Countries.

Thank you for your attention

Designing cities where people can shine

Urban Renaissance Agency (UR) is a semi-governmental organization originally established in 1955 as Japan Housing Corporation to address urban and housing agendas in Japan. Taking advantage of such position and our extensive experiences in projects, we have worked closely with governmental and private sectors, steadily implementing a wide variety of projects.

UR has led large-scale, quality urban development and housing projects at the forefront, and has also made significant contributions to institutional designs and technological growth. We continue to extend a major influence in the field of urban development in Japan.

And now, we are eager to support designing and realizing "a city where people can shine" in your country - which is our fundamental mission.



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We are UR JAPAN

<https://www.ur-net.go.jp/overseas/index.html>

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