



Smart cities' contribution to the SDGs in urban development

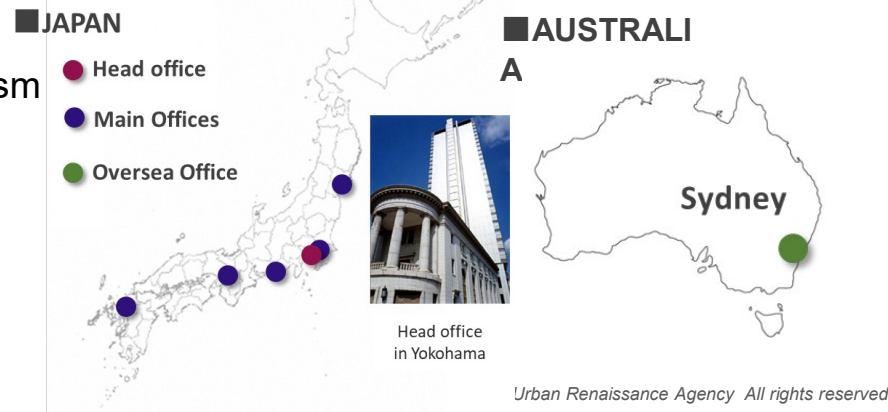
**Setsuko Saya,
Vice President
Urban Renaissance Agency**

November 21, 2023

Profile of the Urban Renaissance Agency

Independent Administrative Agency

- **Supervising Ministry:**
Minister of Land, Infrastructure, Transport and Tourism
- **Number of Staff:**
3,196 (1 April 2023)
- **Capital:**
JPY 1.0757 trillion \approx IDR 113.870 trillion
as of the end of March 2023



Business fields

Urban Renewal

In cooperation with private businesses and local authorities.

【Achievements】
253 district



Minato Mirai 21

Rental Housing

Manages and provides rich living space.

【Achievements】
730,000 units
1,400 Danchi



Tamadaira no Mori
(1,512 units)

Disaster Restoration

Supports reconstruction and installs preventive function.

【Achievements】
1,314ha



Recovery Image
of Onagawa Town
(Miyagi)

International Business

Reserches, coordination and technical assistance for sustainable urban developments across the world.

Point 1:

Integrate smart technologies with urban development

- **The concept of Smart City** should be considered and integrated with the urban development **at the beginning of the project process.**

Urban Development Process

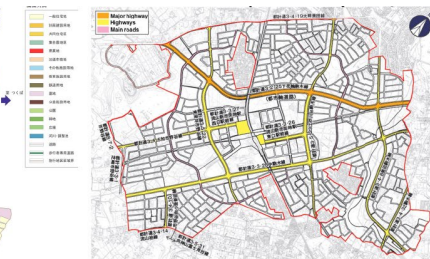
Conceptualization Phase

- Understand the current conditions / challenges / needs
- Formulation of development concepts
- **Smart City concept**



Planning Phase

- Planning implementation methods, structure and schedule for the project.
- Study on business feasibility.



Project implementation Phase

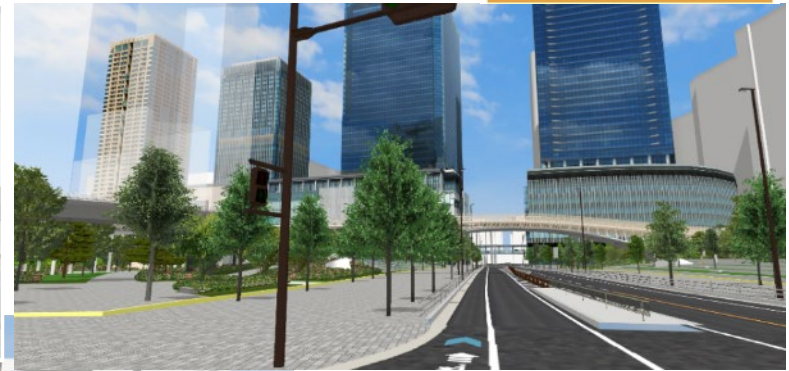
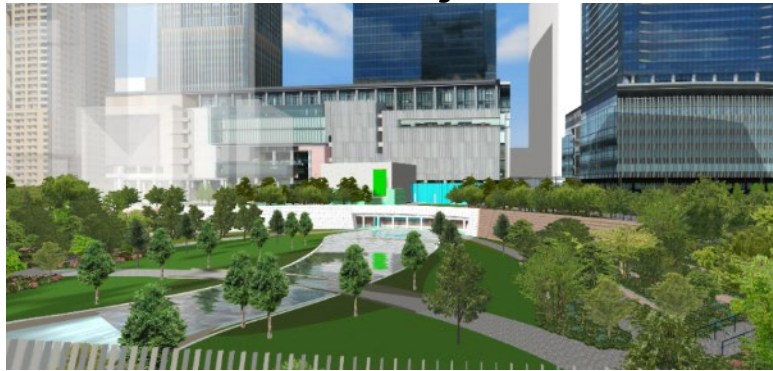
- Consultation with the public sector.
- Transfer / adjustment of land rights.
- Coordination with private developers.



Planning by smart technologies makes cities sustainable.

- 3D city model is used to draft layout of buildings and public spaces in the UR's Umekita Project (Osaka, Japan)

● Umekita Project



【Umekita Project】

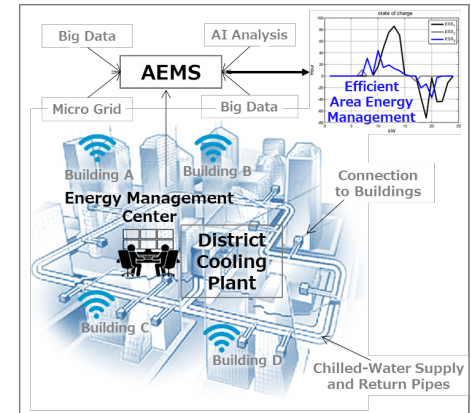
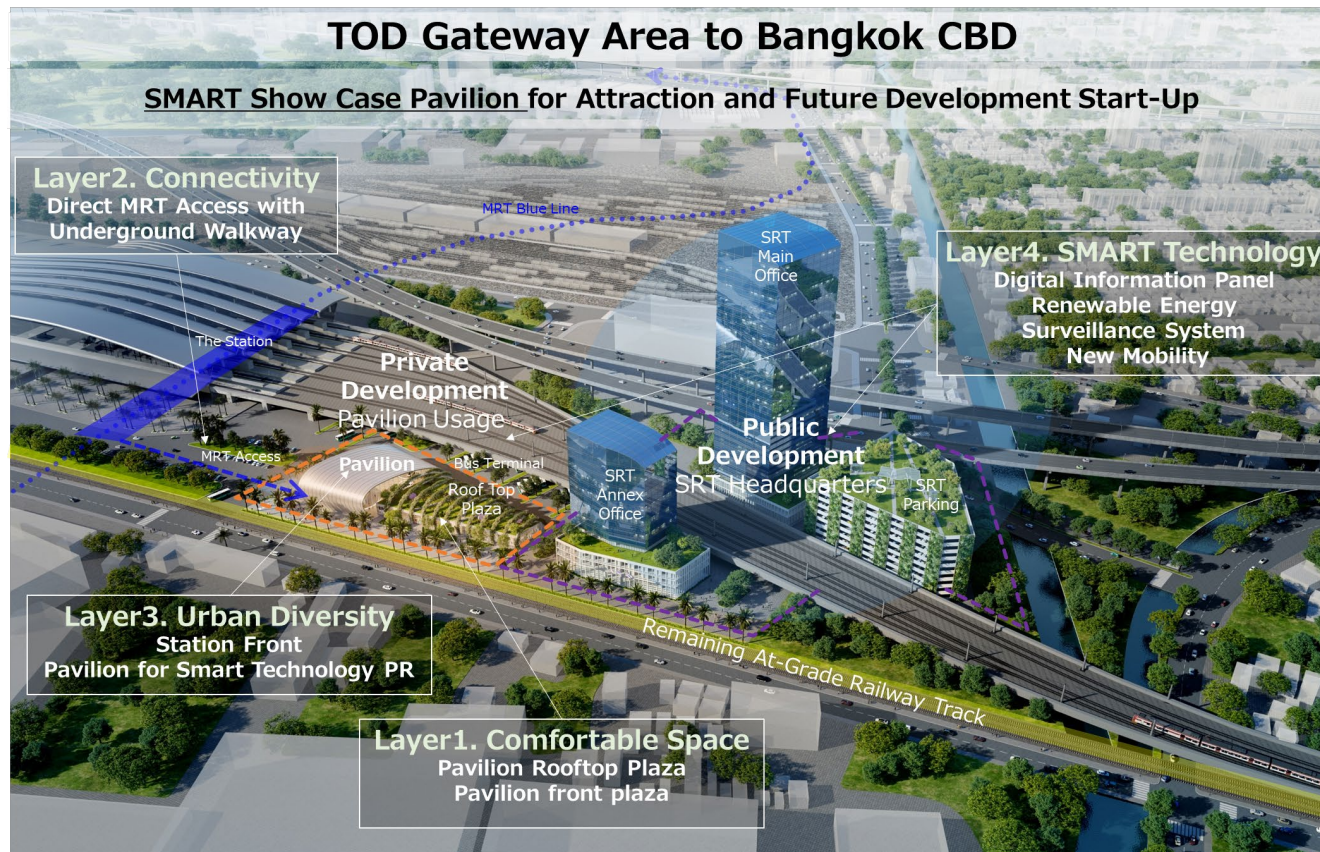
- Location : Osaka City
- Site Area :
Approx.24ha

Point3:

Smart cross-industrial initiatives contribute to climate change.

- Cross-industrial initiatives are needed to build smart cities connected with public transport. It contribute to climate change by reducing use of cars.

● Bang Sue Project



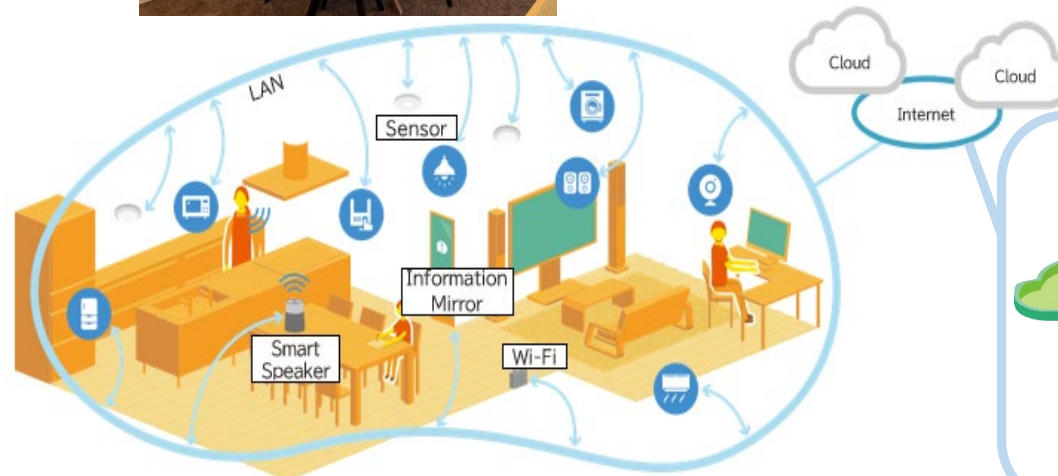
Point 4:

Smart technologies realise inclusive lives.

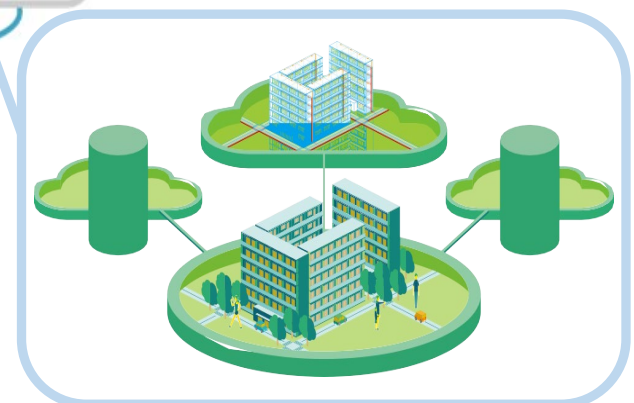
- UR developed experimental housing units which installed smart technologies.
- Smart technologies connect people's lives in house with external local communities so that **no one is left behind**.

● Open Smart UR INIAD HUB

Housing



Local communities



Many devices in housings are connected to the internet and exchange information with local communities.

J-CODE (Japan Conference Overseas Development of Eco-Cities)

- J-CODE is a public-private platform to contribute to sustainable urban development.
- UR is a secretariat of J-CODE.





Thank you!

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

J-CODE <https://www.j-code.jp/en/>