

Otemachi Marunouchi Yurakucho District Smart City Project



Project Area	Chiyoda-ku, Tokyo Otemachi / Marunouchi / Yurakucho district
Project Organization	OMY Area Smart City Promotion Consortium

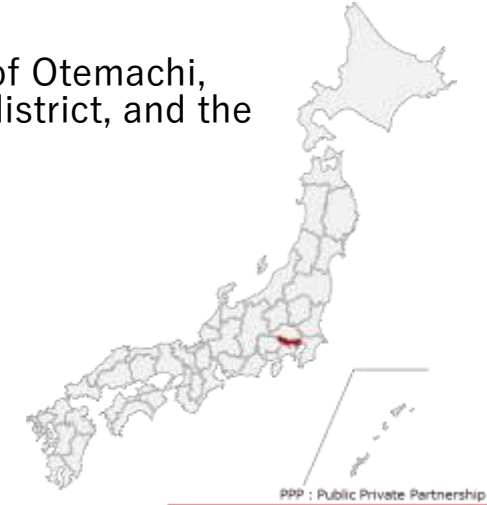
Urban issues and Goals.

Project area goals, features and issues. (Smart city image)

I. Overview

The three organizations of Chiyoda-ku, Tokyo, and The Council for Area Development and Management of Otemachi, Marunouchi, and Yurakucho have formed the "OMY Area Smart City Promotion Consortium" in the OMY district, and the public and private sectors are working together to promote smart cities.

Name: Otemachi / Marunouchi / Yurakucho district (commonly known as OMY Area)
 Area area: About 120ha
 Employed population: About 280,000 people
 Private sector: About 4300 offices



II. Goals and smart city vision

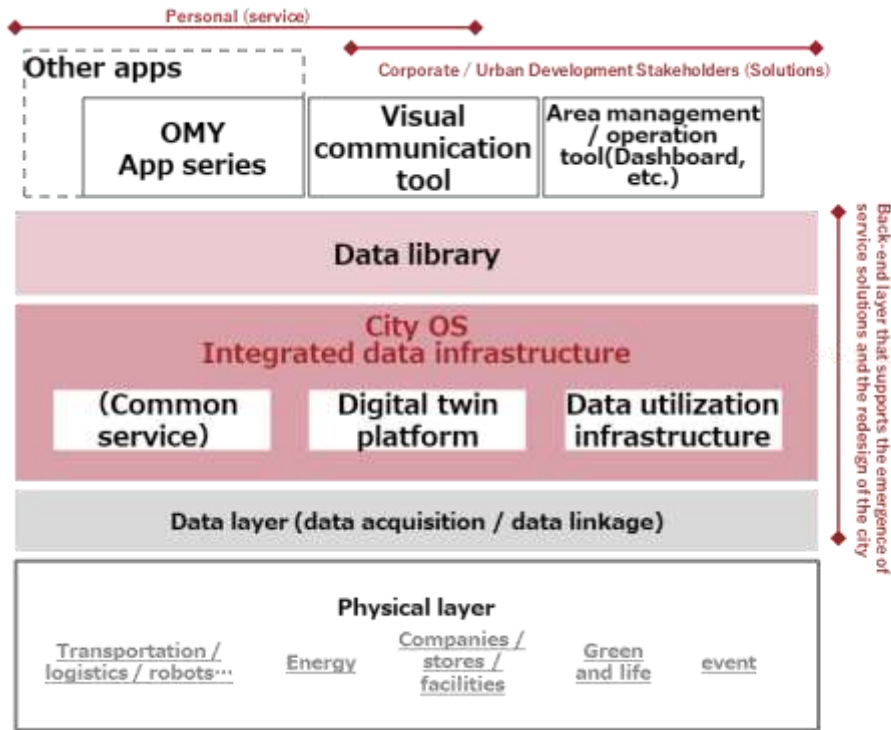
It describes the vision in the "City Development Guidelines" of the OMY district. To achieve this "City development goal", we will work on a vision-oriented smart city. (We understand the direction of the value that will be dramatically increased by smart cities in the OMY area. We are working on smart cities by regarding the issues "Issues that have become apparent", "Expansion of potential in everyday and extraordinary situations" and "Increasing resilience", which are "developmental issues in the area," as issues that should be resolved.)
 In addition, smart cities in the OMY area are characterized by promoting "update and redesign of existing cities" through "Public-private partnership PPP, area management" in a mature society.



◇ It will challenge to solve problems in cities and townships by utilizing technology and data.

It is promoting "use case-based demonstration", "efforts to enhance the comprehensive digital domain" and "disclosure of various policies linked to city development".

<Overview in the digital domain>

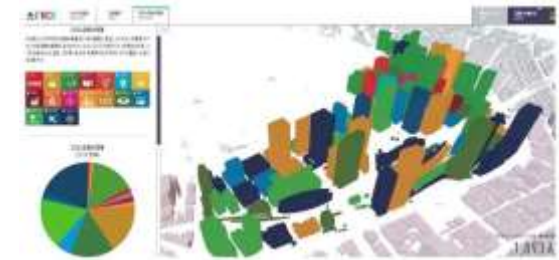


<Example> App and autonomous driving mobility



As a living lab, the OMY area has been verified for safety and social acceptability through repeated demonstration experiments in order to improve convenience and tour ability by introducing and popularizing new mobility. Location information can be distributed in real time by an application.

<Example> Visual communication tool



Area Management City INDEX (AMCI)

Visualize area management activities by utilizing 3D city models and create city promotion tools that show area value.

<Data library and integrated data platform>



It builds the OMY area as area-conscious data for creating business opportunities and city development. This data library stores "actual data that is static data" and "how to use API for data acquisition as dynamic data". Services and applications can easily access this information through data hangars.

It utilizes Society OS (NTT Data), which is an integrated data infrastructure. In order to improve the functions in the city, we will develop and expand the data linkage function and peripheral services, which are the foundations that support the digital functions. The method of expanding the functions will be developed by responding to specific use cases such as demonstration experiments.

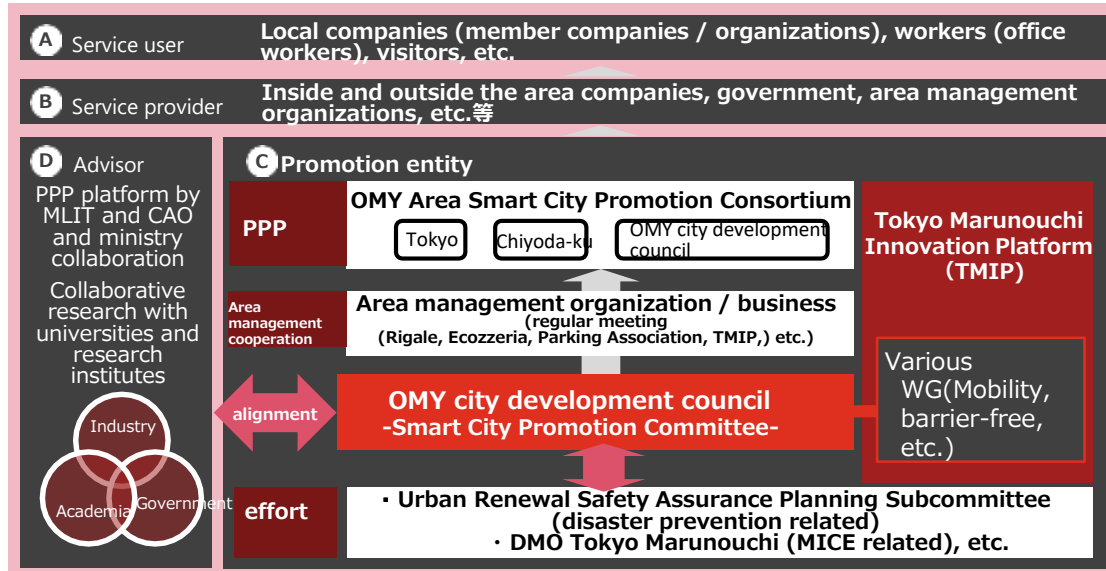
<Various strategies>

It publishes "Sensor Management Policy" and "Redesign Roadmap" from time to time in order to utilize digital tools in conjunction with city development.



◇ Implementing organization

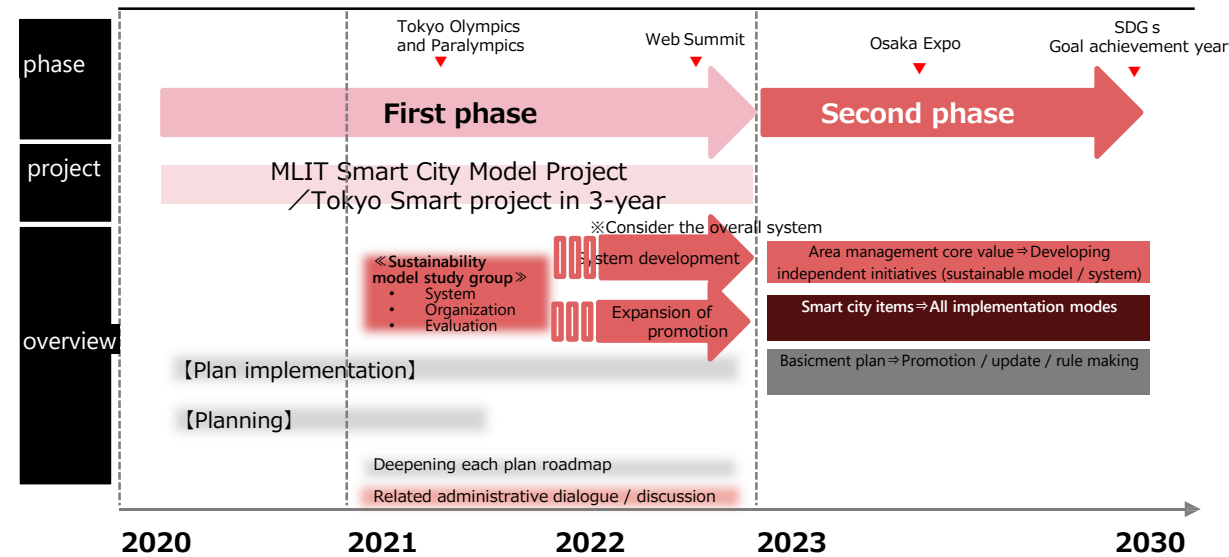
OMY Smart City has established a system of public-private partnership and area management partnership and is promoting actions. It shares a vision with the activities (disaster prevention, MICE, etc.) that are working on each theme and promotes actions in cooperation.



※Rigale: NPO OMY Area Management Association
 Ecozzeria: OMY Environmentally Symbiotic Town Development Promotion Association
 Parking Lot Council: OMY District Parking Environment Measures Council

◇ Project Timeline

The first phase is set up to 2023, and the second phase is set up after 2023. In the second phase, we are considering to implement a sustainable model and system.



◇ Others (Awards, selection for smart city projects promoted by the government, etc.)

- [Model project selection] Selected as a leading model project for MLIT "Smart City Model Business" (2019-2021)
- [Project selection] MLIT Selected "Japanese version of MaaS promotion / support project" (2021)
- [Project selection] MLIT Selected "3D City Model Service Development Project" (2020)
- [Selection of advance implementation area] Tokyo Metropolitan Government Selected "Advance Implementation Area Project for Realization of Smart Tokyo" (2020-2022)