

Smart City project in Masuda city.



Project Area	Masuda City, Shimane Prefecture
Project Organization	MATRIX of Cyber Smart City Creative Consortium(MCSCC)

Urban issues and Goals.

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

I. Masuda City Overview

Masuda City is located at the western end of Shimane Prefecture. It is a city with a population of about 44,400 and an area of 733.19 km². There is Iwami Airport in the city, and it is a transportation hub connecting the San'in region and the Sanyo region.

II. Main issues to be addressed by cities and goals of smart city projects

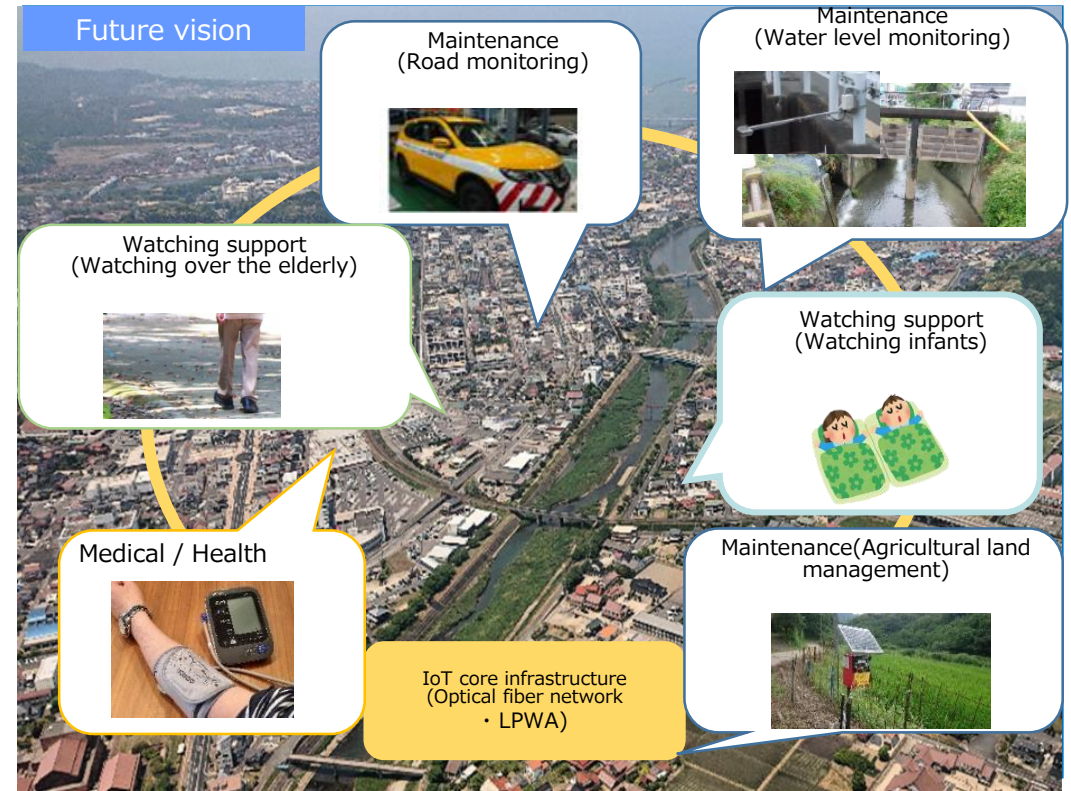


III. The selling point of the project

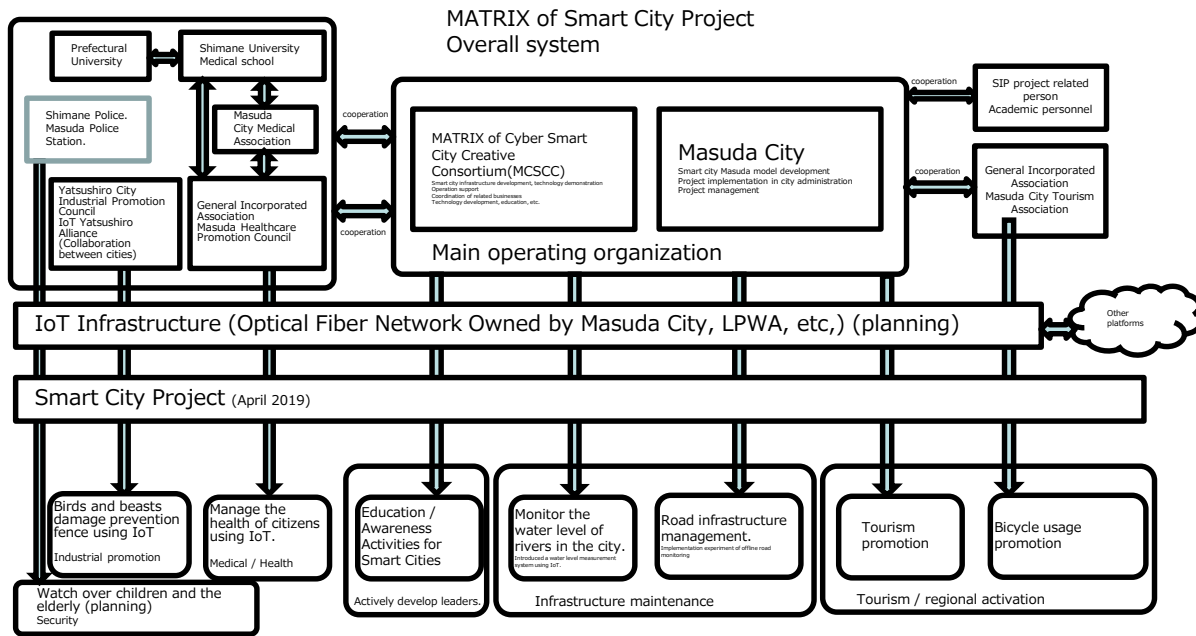
MCSCC smart cities are projects led by the private sector. This smart city project has the feature of being "problem-solving type". Most of the existing smart city projects are targeted at cities and are technology-oriented efforts. The smart city project in MCSCC is Rural support. Rural support can identify challenges in the community. It implements "selecting the optimal technology" and "a shared system for intercity cooperation information" in order to solve the problems of the local community that requires Laurel support. This is MCSCC's basic policy. MCSCC is participating in the project in Bali EV Special Zone, Indonesia, utilizing the "Project Feasibility Study Project for Overseas Expansion of High Quality Infrastructure" commissioned by the Japanese government. The smart city project development by MCSCC is an application of the semiconductor development method and has a high affinity with cyberspace.

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

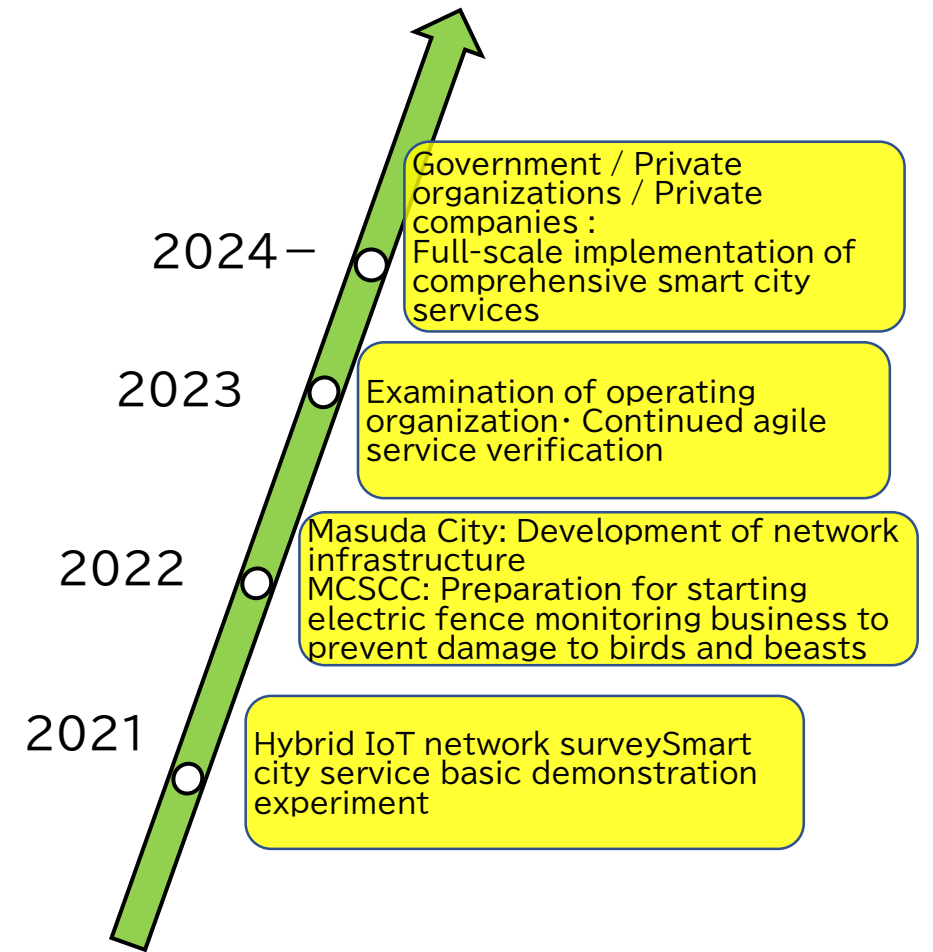
- ❑ Road Maintenance and management.
Data on road surface deterioration and scratches will be collected using a vehicle-mounted sensing system and analyzed using AI.
- ❑ Measures to protect the damage caused by birds and beasts.
An operation status monitoring type electric fence will be used to save labor in the electric fence maintenance.
- ❑ Introduce a system to watch over infants.
Nursery teachers will be able to save labor by checking the infant's nap with an automatic sensor.
- ❑ Water level monitoring
By introducing a low-priced sensing system, it is possible to save labor in water level monitoring.



◇ Implementing organization



◇ Project Timeline



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

[Selection of model business]

Ministry of Land, Infrastructure, Transport and Tourism: Examination and Demonstration Survey of Smart City Realization Methods Utilizing Advanced Technology and Data (Part 6) (2019)

Ministry of Land, Infrastructure, Transport and Tourism: Demonstration survey of smart cities utilizing advanced technology and data (Part 9) (2019 supplementary budget)

Ministry of Land, Infrastructure, Transport and Tourism: Demonstration survey of smart cities utilizing advanced technology and data for implementation (Part 11) (2020)