

OASC CxC 2022
Closing Session

Toward Smart Society with Global Collaboration

January 13, 2022

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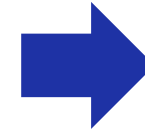
\Orchestrating a brighter world

NEC creates the social values of safety, security, fairness and efficiency to promote a more sustainable world where everyone has the chance to reach their full potential.

What was 2021 for digital transformation of society ??

◆ Global scale

- Addressing COVID pandemic
- Addressing climate change



Acceleration of
- Digitalization
- DT approach

◆ Japan

- "Super City" Project Call (December, 2020)
- Digital Agency (September, 2021)
- "Green Society" Agenda



**Smart
city**

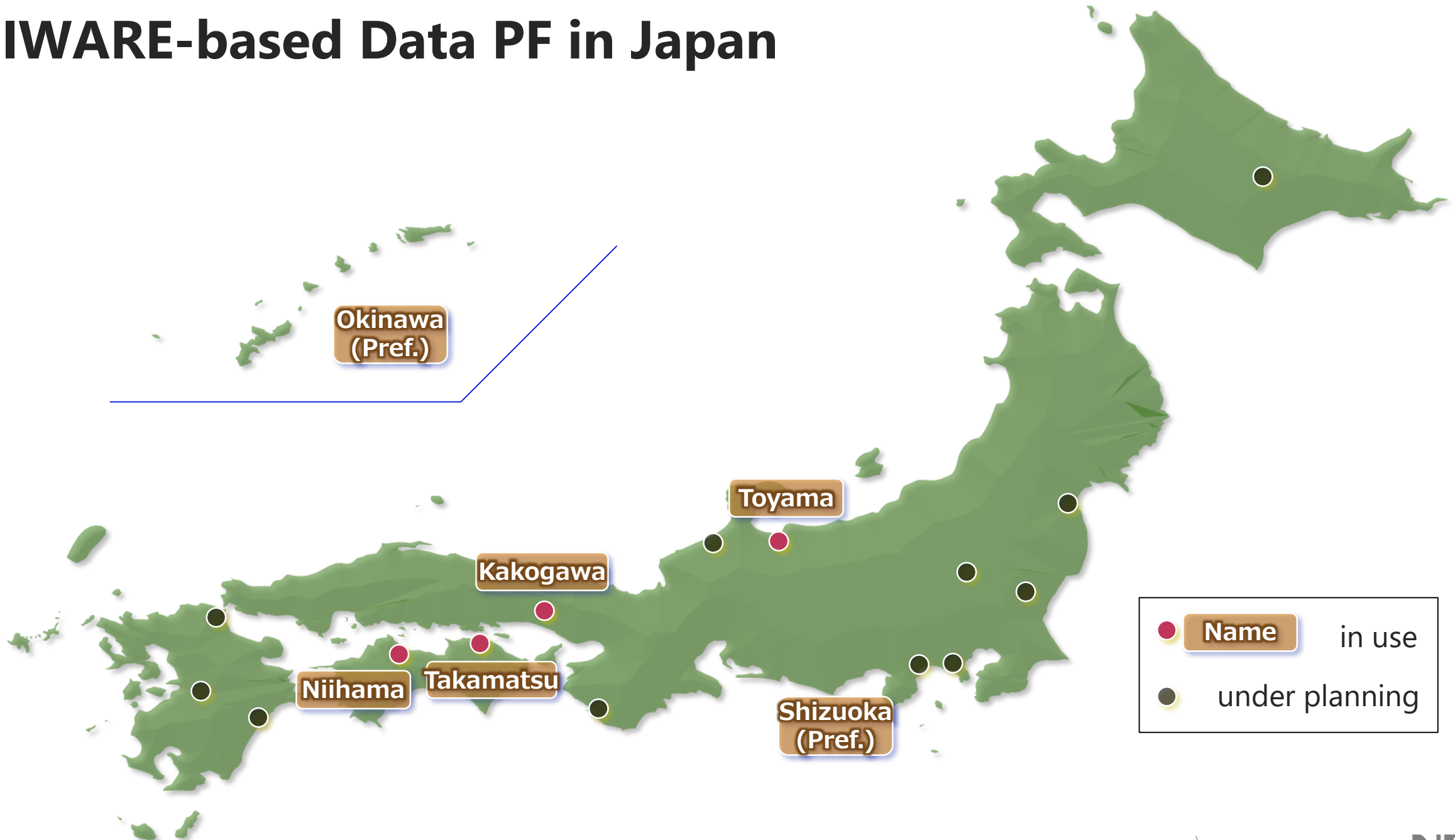
**Smart
city**

Society 5.0

**Smart
city**

**Smart
city**

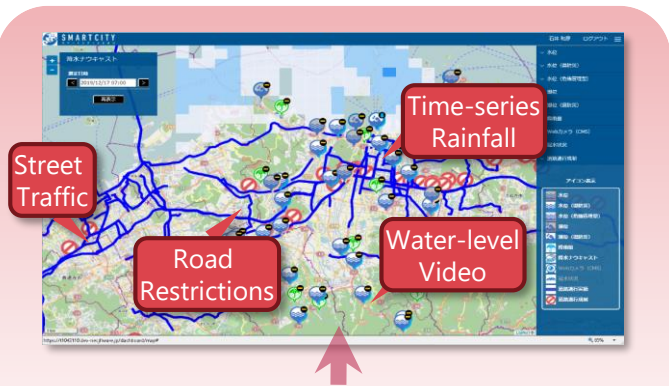
FIWARE-based Data PF in Japan



Collaboration Beyond City Boundaries

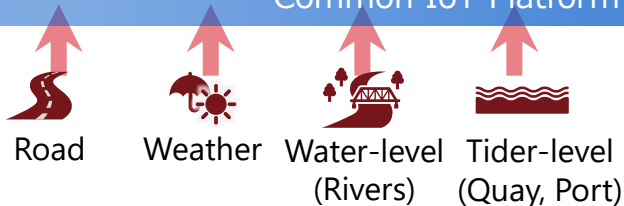
Wide Area Disaster Mgmt.

Data Exchange Platform developed by **Takamatsu City** is now under a shared-use by two neighboring municipalities, **Kan'onji** and **Ayagawa**, for integrated disaster management with better preparedness.



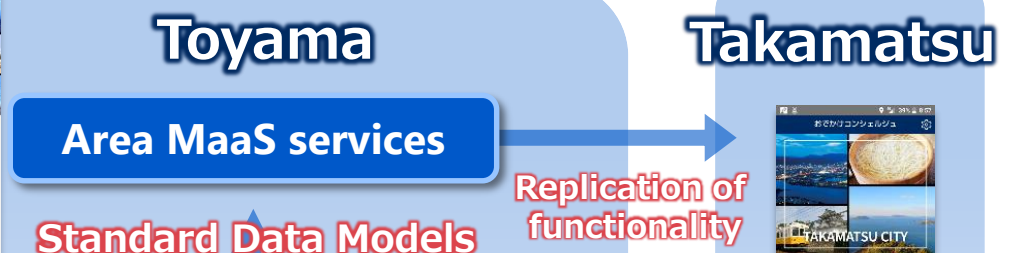
Mayors' agreement (March, 2020))

FIWARE Takamatsu
Open APIs for Open Minds Data Exchange Platform
"Common IoT Platform"



Tourim and Mobility

Efficiency verification of the same apps. on FIWARE-based City-OS at different areas



FIWARE Toyama
Open APIs for Open Minds Data Exchange Platform



Toyama Cyclocity LRT **Jordan** **Guru Navi**

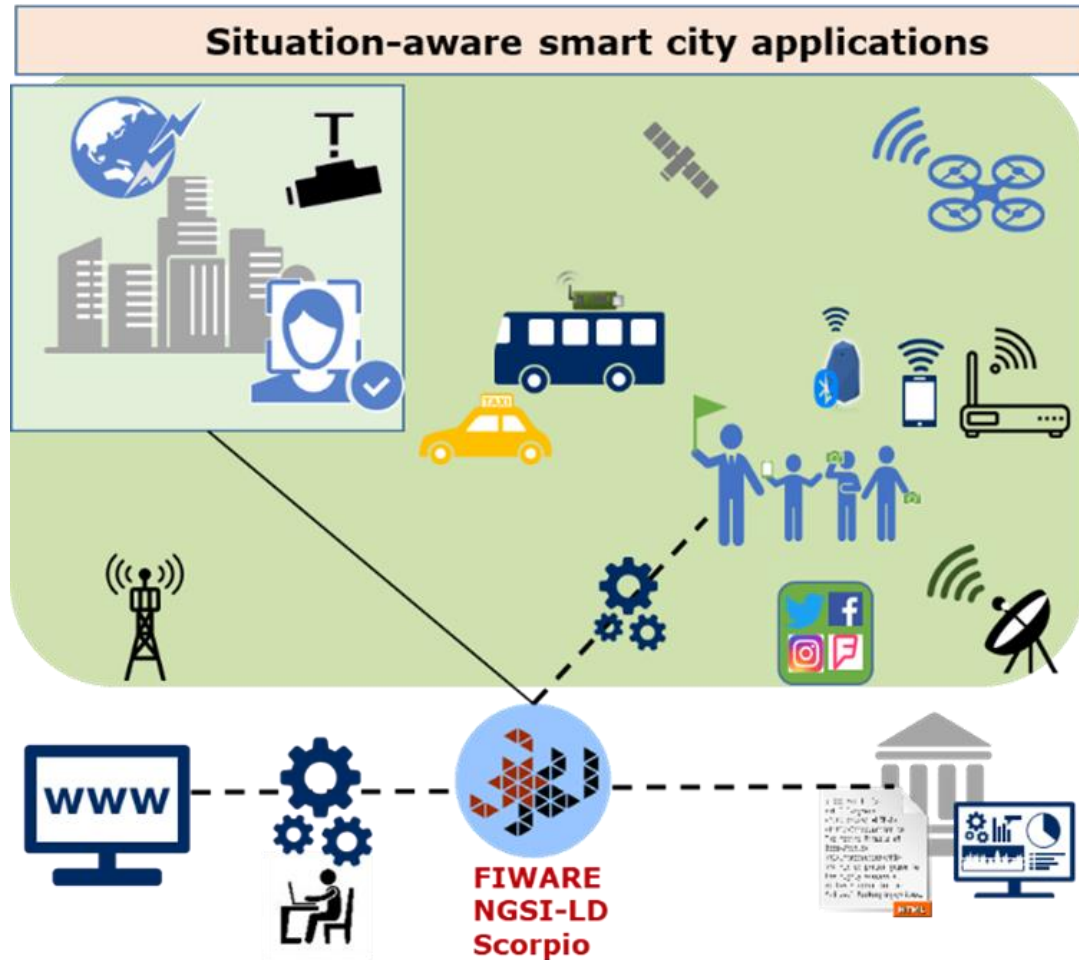


Toward Urban Digital Twin and Green Transition



CEF SALTED

Situation-Aware Linked heterogeneous Enriched Data (SALTED)



Toward “Real” Social Implementation

Pilot phase



Social implementation phase



Citizens' well-being
Market growth
Green transition

- Social acceptance / trust
- Regulatory complexity
- Financial constraint
- Digital literacy
- Stakeholder communication

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<Japanese Government>

- Smart City Ref. Architecture
 - “City Management” section
- Smart City Guidebook (2021)

Current MIMs, and further progress in MIMs both needed

Pilot phase



Social implementation phase



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<Japanese Government>

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Another Europe-Japan Collaboration



Multi Stakeholder-based Open Collaboration as Key Enabler

◆ Sectors

- Public administrations
- Private business
- Citizens / NGOs

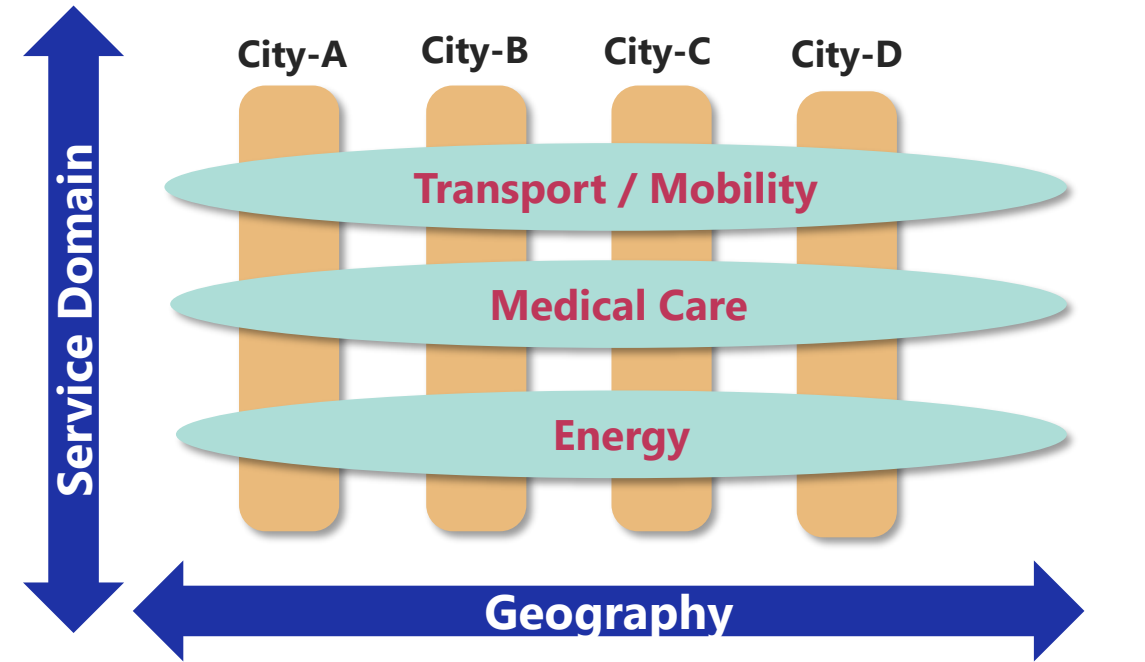
◆ Expertise

- Technology
- Finance / Business model
- Regulation/Policy
-

◆ Countries/Regions **for global sustainability**



as "THE" meeting place



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