NEC’s strategy and global context

Mitsuyo Nishioka
Super City Business Promotion Division
NEC Corporation
Reference Architecture for Smart City

NEC contribution to Open guideline establishment in Japan

Cross-domain Data Exchange platform

In FY2018
By SIP, cross-ministerial Strategic Innovation Promotion Program, Cabinet Office

Source: NEDO web site

Smart City Reference Architecture

In FY2019
By SIP, Cabinet Office

Source: CISTI, Cabinet office web site

Research on Data Exchange platform for Super City

In FY2020
By Regional Revitalization, Cabinet Office

Source: Regional revitalization, Cabinet office web site

By Regional Revitalization, Cabinet Office

Source: Regional revitalization, Cabinet office web site

By SIP, cross-ministerial Strategic Innovation Promotion Program, Cabinet Office

Source: NEDO web site

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In FY2020
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By SIP, cross-ministerial Strategic Innovation Promotion Program, Cabinet Office

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Source: CISTI, Cabinet office web site

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Source: Regional revitalization, Cabinet office web site
Case in Takamatsu-city

- Data exchange platform for wide-area Disaster Management
- Coordination lead by core city in the region

✓ Sharing the same goals across regional boundaries
✓ Sharing evidence data and supporting resources

Dashboard for cross-domain data
Status recognition on real time

Neighboring three municipalities
Sharing Data exchange Platform

Data coordination for Disaster prevention

Takamatsu city
Kan-onji city
Ayagawa town

Road
Weather
Water level of rivers
Tide level