



Social Trust, Cross-Sectorial Integrated Services and eSelf-Governments for Citizen-oriented Smart Cities

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Background and Issue to be Discussed

- The trends are from sector specific regional ICT to smart city which has city total ICT by applying **Smart City Operating System (SCOS)** which supports;
 - ✓ Sensor network and IOT/M2M technologies
 - ✓ Big data, open data and personal data technologies
- Currently city-widely optimized and efficient management of hardware infrastructures has been deployed in terms of Smart Cities mainly.
 - ✓ Electronic power, waterworks and gas etc
- On the other hand, social issues especially **citizen-oriented one** have to be discussed more.
 - ✓ Medical, education, tourism, smart work, agriculture/foods etc
 - ✓ For smart cities to be more sustainable by addressing **“social” autonomy** based on ICT
- Last year we proposed **eSelf-Government** as the possibility of next issue of eParticipation in relation to this issue.
 - ✓ “ICT based Spontaneous and Autonomous Social Environment” that supports self-governmental entities dynamically and trustingly.

What's important for **“citizen-oriented SCOS”**?

Key Concepts for Citizen-oriented SCOS

- **ICT Environment** that make citizens be able to create and support/cooperate with **self-governmental entities** dynamically, and use **multi-and-cross sectorial integrated services** over governmental body and enterprises on the basis of **social trust**.

Solve social subjects by trust-based autonomous and cross-sectorial regional cooperation ICT environment.

Support of creation and operation for self-organizational entities

- self-help/support
- mutual-help/support
- cooperative-help/support
- public-help/support

Sector-service-information integration for regional life on the basis of social trust.

Guarantee social trust over multi & cross sectors in real world.

Integrated community care (child-rearing, watching and care)



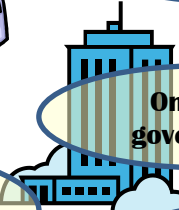
Local support of Disaster/crime prevention



Regional vitalization by sightseeing and smart work



One stop government



Community health care/education



Energy-saving support



local production for local consumption, sixtiary industrialization



eSelf-Government Management

Cross Sectorial Regional Life Service and Information Integration Management

Social Trust Management

Add

Existing SCOS

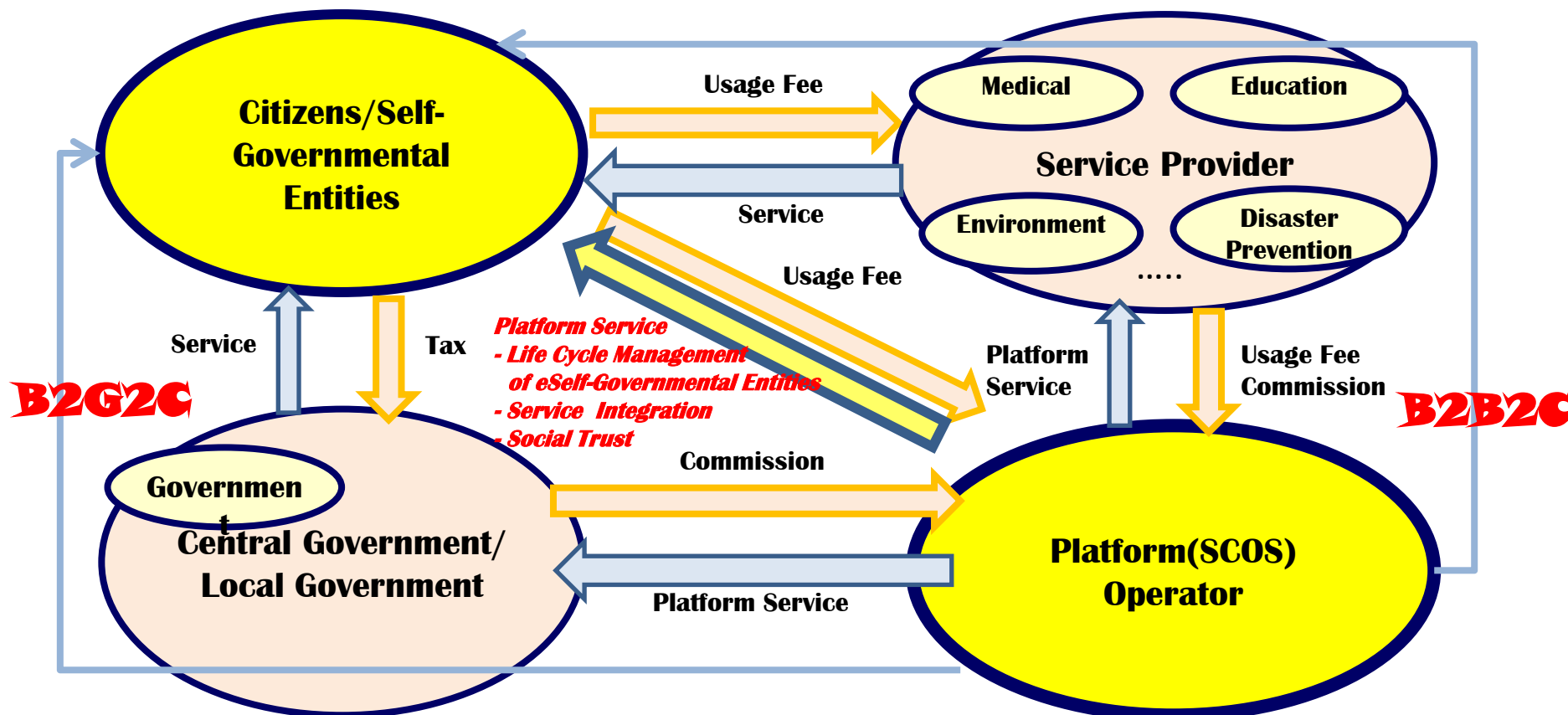
Sensor NW/IOT/M2M

Big data, open data and personal data

LifeHUB(= A Smart City Operating System(SCOS))

An Example of Business Model

- Platform (SCOS) operator provides citizens with trust-related information, service integration and **life cycle management of eSelf-government** for usage fee.



Thank you for your Attention

