Smart City Global Network Plan

September 2015
Kyoto Prefectural Government
Policy and Planning Department

Purpose and Goals

1   Solving regional challenges and creating/fostering smart industry and technology

Through strategic exchanges and collaboration with municipalities and businesses with an interest in building smart cities, we will solve regional challenges, create and foster new smart industries and technology (ICT, robots, big data, etc.), and be the driving force behind the increasingly developing global smart city market.

2   Creating smart cities that have taken root in community life and culture

We will aim for the early implementation of innovative systems and social services, and disseminate them both within Japan and globally as a smart city model that has taken root in community life and culture, as well as in people's sense of values, to contribute to the creation of smart cities around the world

Prospectus of the Smart City Global Network

KICK-OFF Meeting for the constructing the Smart City Global Network, 21st May 2015

The decline in quality of living environments and increased traffic congestion caused by rising urbanisation observed across the world are becoming ever more serious and continue to impose greater stress upon the earth's environment. Furthermore, Japan faces socioeconomic hurdles such as a declining birth rate and aging society, as well as weakening local economies in many regions. These may well become common issues facing other societies around the world, to be tackled globally in the future.

In order to address those problems and create smart cities in which people can live healthy and happy lifestyles, it is extremely important to maximize the use of information and communication technology (ICT) to solve various issues including energy, environment, healthcare and medical treatment, transport, water, disaster preparedness, crime prevention, employment, etc. in a smart manner, and create a society which enables sustainable growth.

As such, it is deemed important that companies possessing advanced ICT and other state-of-the-art technology and expertise can cooperate and work with local governments around the world to improve their technologies and policies, resulting in the creation of new social systems and innovations, which can function as a driving force for smart city development.

For this purpose, we are resolved to establish the "Smart City Global Network" to contribute to the promotion of international cooperation as well as global smart cities through network activities. The network will serve as a venue for active participation and exchange between domestic and overseas companies and local governments in order to develop advanced smart city models by learning from others and capitalizing on their respective lifestyles and cultures.

What is the Smart City Global Network?

Aiming for the further development of Smart Cities, create a platform/network which brings together Smart City-related companies and local governments from both Japan and from overseas, in order to better study applications of technology, improve sharing of information, and enhance cooperation and coordination of development of business models.

Holding of conferences between organisations from across the world

Hold network conferences that bring together companies and organisations from both Japan and overseas in order to develop projects and advanced policies that tackle regional problems and diverse issues.

Matchmaking between regions with societal issues and companies that have the tools and expertise to solve them

Develop a system for matching regions which face societal hurdles with companies which possess the expertise and technology to solve those issues to encourage cooperation and creation of new business models.

Joint exhibition and promotion at Smart City Expos around the world

Display joint exhibitions at the symposia and business exhibitions at Smart City Expos in Europe and around the world, not only to contribute to the development of the world's smart cities, but also to promote the Smart City industry and raise awareness in Japan as well as overseas.

3

Four main concrete initiatives

① Working towards real applications

○ Study forming and application of individual working groups (teams) of companies and local governments
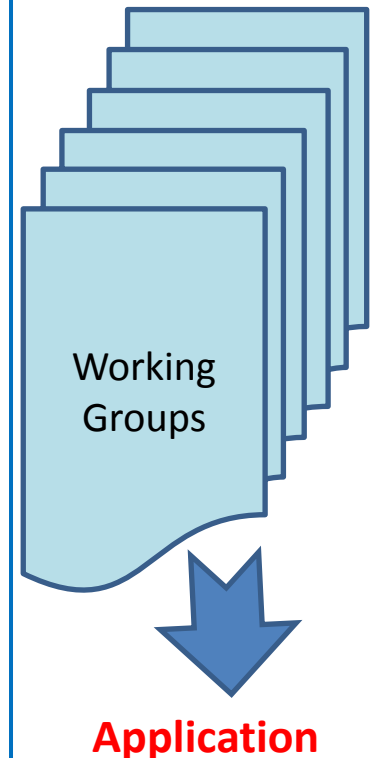
② Seminars and study sessions

○ Opinion exchange and discussion on regional issues

○ Research global examples of progress and advanced tech.

○ Study business model feasibility
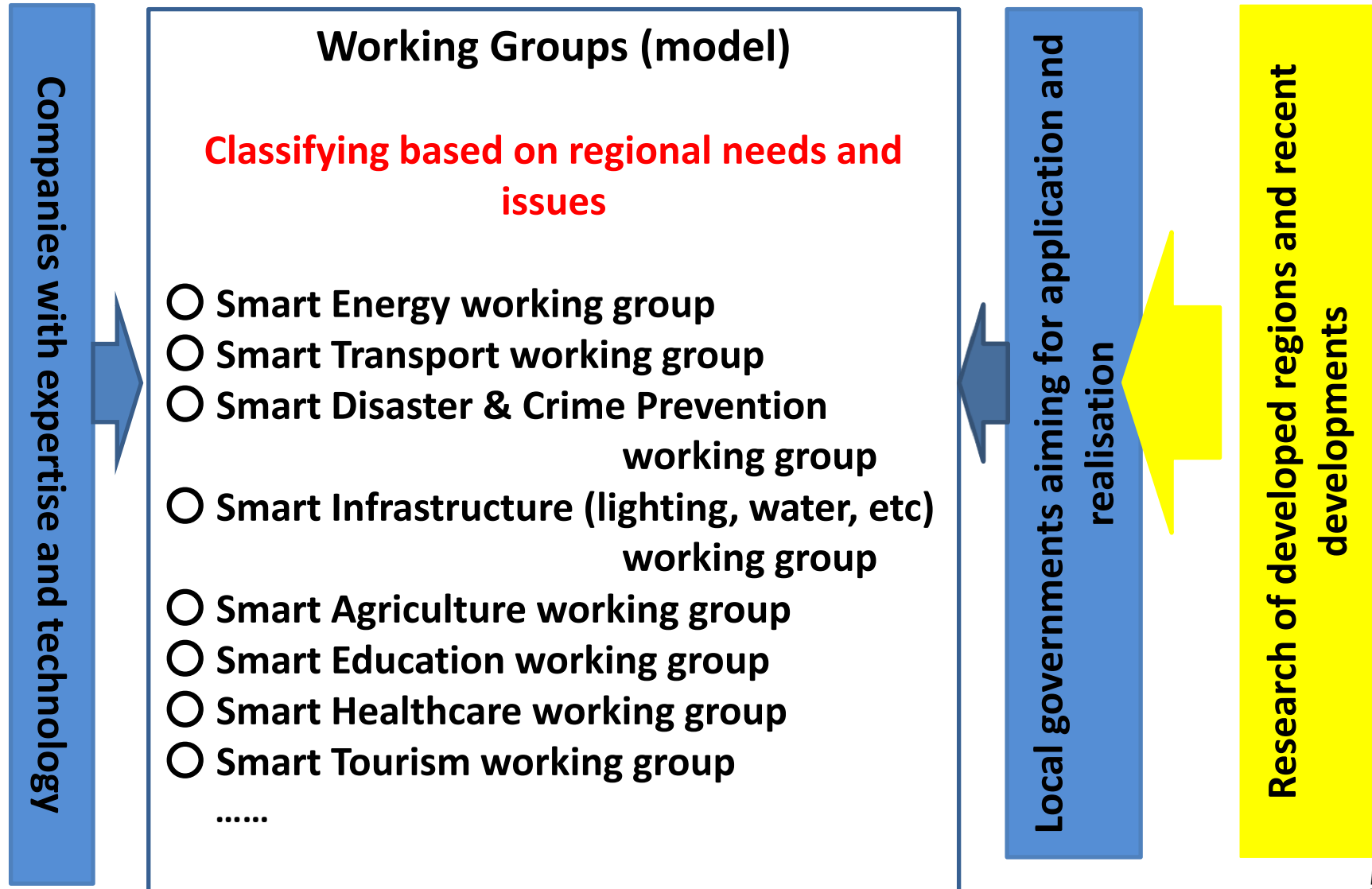
③ Matching of regional governments and companies

○ Individual presentations from local governments on problems they want to tackle and other goals

○ Business and local government matching (individual consultation meetings)

④ Information exchange and sharing

○ Daily information exchange through website and mailing lists

○ Educational tours of case studies and regions

○ Exhibit at domestic and international Smart City exhibitions

Working Groups

Application

4

Developments for application

Companies with expertise and technology

Working Groups (model)

Classifying based on regional needs and issues

- ○ **Smart Energy working group**
- ○ **Smart Transport working group**
- ○ **Smart Disaster & Crime Prevention working group**
- ○ **Smart Infrastructure (lighting, water, etc) working group**
- ○ **Smart Agriculture working group**
- ○ **Smart Education working group**
- ○ **Smart Healthcare working group**
- ○ **Smart Tourism working group**
- ……

Local governments aiming for application and realisation

Research of developed regions and recent developments

Joint exhibition at Smart City Expos held across the world

smart city expo
WORLD CONGRESS

17 - 19 NOVEMBER 2015
GRAN VIA VENUE

JOIN THE **URBAN INNOVATION**

Key figures 2014

92 countries	275 exhibitors	380 speakers	440 cities	11,000 attendees

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Showcase your innovative solutions at the Smart City Plaza.

MORE INFORMATION

Current Schedule

September 15th 2015	**Smart City Global Network Establishment Conference** ① Special dialogue for commemoration of establishment ② Explanation and discussion of the Smart City Global Network's projects ③ Smart City Seminar
December 2015	**Study Session (1st)** ① Presentations from local governments ② Opinion exchange between local governments and companies
June 2016	**Seminars and exhibitions** ① Seminars from participating companies and global case studies ② Opinion exchange between local governments and companies ③ Kyoto Smart City Expo Exhibition

◆ **Survey of participating local govs.**
"Challenges/features" "goals" "requests of companies" etc
◆ **Expo exhibition applications**

Joining the Smart City Global Network

■ Aimed at:

Companies and local governments related to/interested in Smart City development

■ Membership fees:

Free of charge (any exhibition and project fees not included)

■ Applications:

Please enquire at the secretariat office.
Website: http://www.pref.kyoto.jp/bunkaga/globalnetwork.html

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