Introduction of M2M standard development project in Korea

2012. 9.
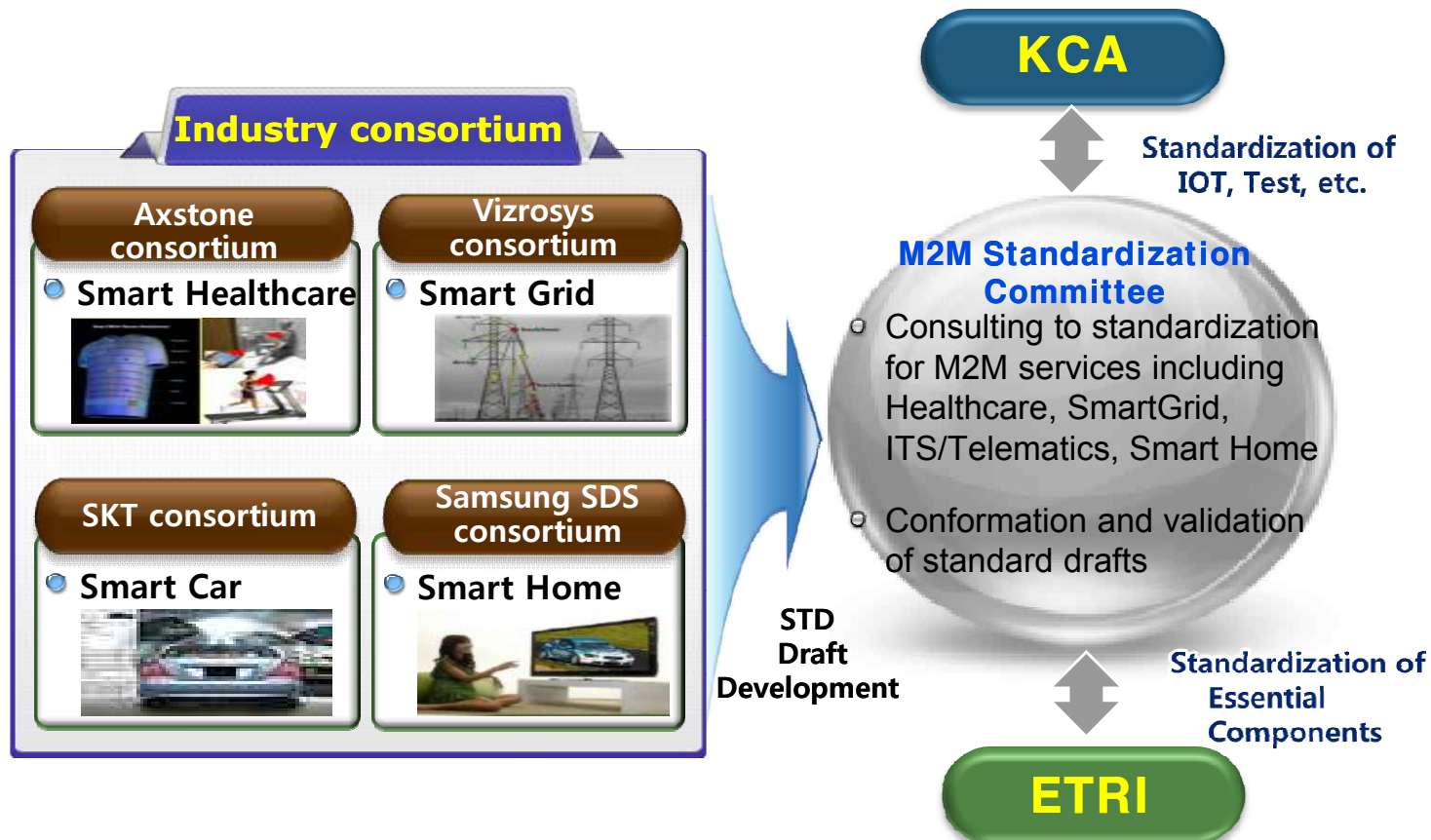
Korea M2M Project Team

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Introduction

- **This project is performed several organizations and industries and funded by KCC**(Korea Communications Commission)
  - It is going to work between 2012 and 2015.

Industry consortium

Axstone consortium
- Smart Healthcare

Vizrosys consortium
- Smart Grid

SKT consortium
- Smart Car

Samsung SDS consortium
- Smart Home

STD Draft Development

KCA

Standardization of IOT, Test, etc.

M2M Standardization Committee
- Consulting to standardization for M2M services including Healthcare, SmartGrid, ITS/Telematics, Smart Home
- Conformation and validation of standard drafts

Standardization of Essential Components

ETRI

Project participants

Leading Partner	**KCA** Korea Communications Agency	**Leading project and standardization of IOT, Test, etc.**
Cooperative partner	**ETRI** Electronics and Telecommunications Research Institute	**Standardization of Essential Components and key tech.**
Academic Partnet	**JEJU NATIONAL UNIVERSITY** New Leader of Globalization, Innovation and Brand University	**Development of papers and technical report in M2M**

Axstone Consortium	Vizrosys Consortium	SKT Consortium	Samsung SDS Consortium
Axstone TECHNOLOGY / SK telecom	VITZRO SYS / kt	SK telecom / M2M net WIRELESS M2M SOLUTION LEADER / SK marketing & company	SAMSUNG SDS / SAMSUNG / NexGrid
Standardization of Smart Healthcare service	**Standardization of Smart Grid service**	**Standardization of Smart Transportation service**	**Standardization of Smart Home service**

Main objectives

- **The main objectives are to**
  - contribute to vitalize a domestic(korea) vertical M2M service market
  - develop global/domestic standard regarding to M2M services and technologies.
  - lead to coordinate a standardization stream of M2M in Korea.
  - support for M2M policies of government.

Scope of M2M standard development

- **Development of vertical(heterogeneous) M2M service standards**
  - 4 vertical services : Healthcare, Smart Grid, Transportation, Smart Home.

- **Development of common adaptable standards for M2M services**
  - common reference model, requirements, interface, information model and identification requirement.

- **Development of interoperability and test standards for M2M services**
  - Requirement, guideline, scenario etc.

Future plan : next step

- In 2012, starting to develop use case and service profile in each vertical service.
  - 4 vertical services : Healthcare, Smart Grid, Transportation, Smart Home.

- In 2013, this project will focus on technical issues for service realization of developed standard drafts
  - So, we will work for confirmation and validation process for services
  - And participants will develop new proposal and enhance the quality of drafts

- In 2014, we are going to concentrate on interoperability and confirmation of standards.

Thank you for your attention and hearing

Q&A