IT Strategy and ITS Roadmap

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Japan as developed country with major issues

✓ A low birth rete/aging population

✓ Rising social welfare expenditures

✓ Major natural disasters, etc

IT as an all-purpose tool that can be used in all fields

✓ IT is progressing dramatically

✓ IT induces innovation throughout the society

Electronic Government

Agriculture

Healthcare

New Industries

Disaster response, Damage mitigation

Road Transportation

Human Resource Development

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ADS attracts interest in the world as IT progresses

Testing on Public Road around the world

North America

Europe

Japan

First Testing on Public Road
Prime minister Abe was on car.
(Nov. 2013)

Authority : Google   Authority : Mercedes-Benz   Authority : Prime Minister of Japan and His Cabinet HP

Expected impact of ADS

- ✓ Reduction of traffic accidents
- ✓ Mitigation of traffic jams
- ✓ Support of the mobility for the elderly ,etc

ADS to be developed globally to deal with these social issues

"Declaration to be the World's Most Advanced IT Nation"
(Cabinet Approval on June 2013, Revised on June 2014)

- ✓ Nation's IT Strategy as a core of Japan's growth strategy
- ✓ Target to be world's most advanced IT nation by 2020; to solve many issues confronting Japan
- ✓ PDCA cycle by exercising of government CIO's functions
- ✓ Pierce "crossbar" to vertical government system

Field	Efforts
e-government, Open data	・Full-fledged operation of Date catalog site "DATA.GO.JP" ・E–Government Development Index (UN): Rank:6(2014) (e.g. Rank.18(2012))
Agriculture	・Need to strengthen competitiveness, considering TPP negotiation ・Strategy regarding agricultural information for the target of 1T yen export
Healthcare	・Need to efficient use of medical costs and extension of healthy life expectancy ・Strategy for regional medical network and use of big medical data
Disaster response	・Need to create natural disaster-resilient society ・Strategy to integrate non-public information such as SNS to public information
Road Transportation	・Need to establish the world's safest transportation system in an aged society ⇒**Inter-ministerial ITS roadmap (incl. ADS) to be developed** (Related ministries and agencies : NPA, MIC, METI and MLIT)

"Public-Private ITS Initiative/Roadmaps" (Decided by IT HQ on June 2014)

✓ **First kind of government strategy for ADS including Level.4**
✓ **Set individual strategies for development/deployment of ADS (autonomous/cooperative, R&DD, social acceptance, etc.)**

Target of ITS Roadmap:

■ Period: to 2030

➤ Focused on ADS & road transport data.

■ Kind of society to be achieved:

➤ "World Safest & Smoothest Society in the World"

• With world most innovative society utilizing ITS

■ Milestones:

➤ Set expected time of commercialization for each level.

Levels	Expected Time of Commercialization
Level 3	**First half of 2020s**
Level 4	**Second half of 2020s**

➤ Tokyo Olympics/Paralympics 2020 to be harnessed.

Implementation of ITS Roadmaps

✓ **Close collaboration with SIP-ADUS (CSTI)**

IT HQ   **CSTI**

| ITS Roadmaps | R&D → | SIP - ADUS | Deployment → | Society |

Future of ITS Roadmap

✓ **Review & update the roadmaps every year**
✓ **Considering changes of market trend, progress of technology and international collaboration**

⬇

Japan will continue to contribute to develop ADS in the World

THANK YOU FOR YOUR KIND ATTENTION