

Global Cooperation for Automated Driving

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Organised by:



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Main local partners:



ITS in your pocket
Proven solutions driving user services

SIP Automated Driving System

Social benefits

- Drastic reduction of traffic fatality
- Enhanced mobility for the aged
- Reduction of traffic congestion
- Reduction of driving workload

Technology innovation

- Highly advanced driving assistance
- Innovative transportation systems with information and communication technologies

- Field validation
- Social acceptance

Automated Driving System
(built-in and connected)

- Integrated approach
(hardware, software, human factors)
- Cross disciplinary collaboration
- Regulatory reform
- Public-private collaboration

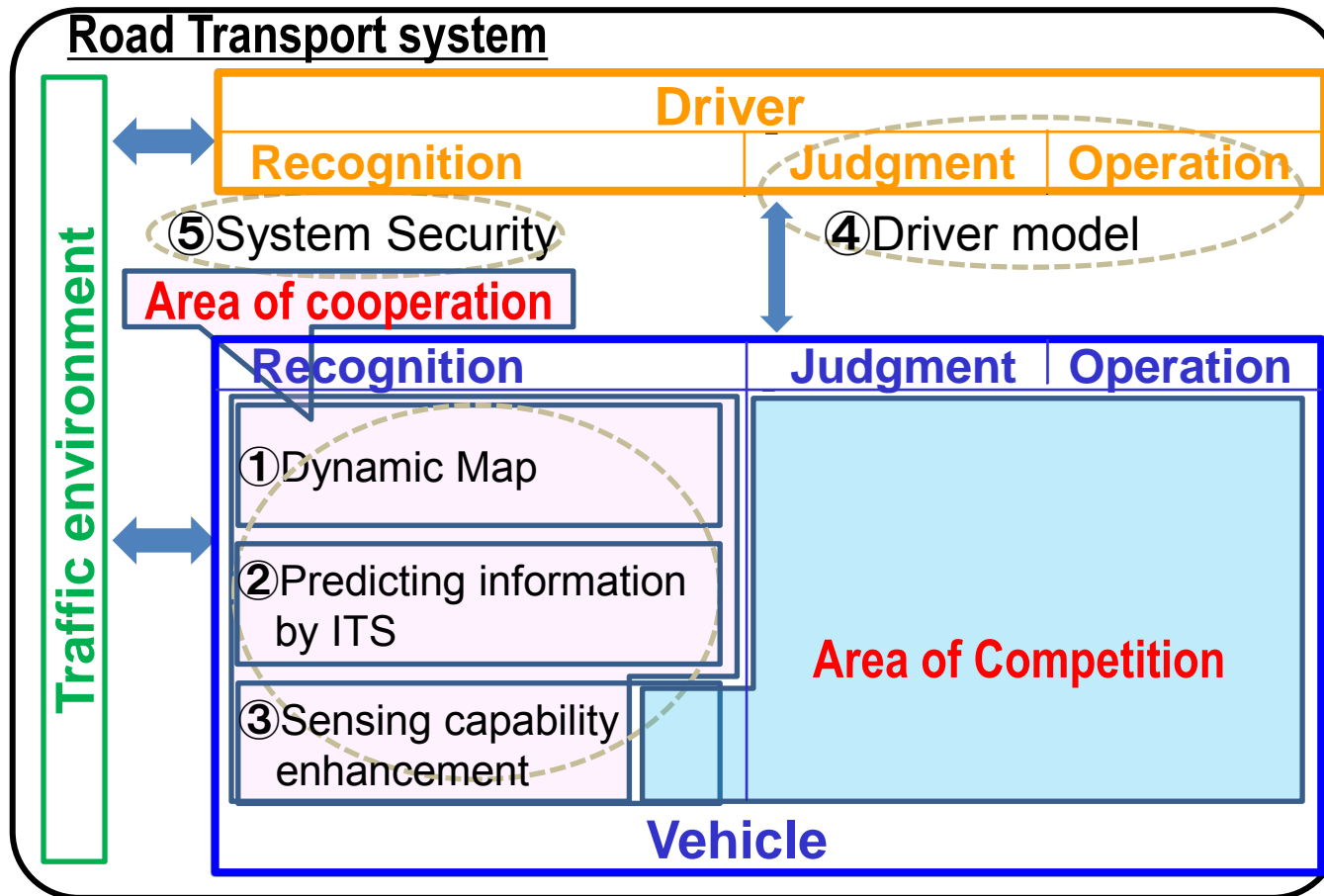
Business incubation

- Auto and electronic industries
- Creation of new industrial sectors
- International harmonization

SIP : Cross-Ministerial Strategic Innovation Promotion Program
CSTP : Council for Science and Technology Policy
Source : Preliminary Report of SIP Research Plan, CSTP, February 5, 2014

SIP Automated Driving System Research themes

[I] Development and verification of automated driving system



[III] International cooperation

- ① Shared research facility
- ② Social acceptance
- ③ Package export organization

- ① Local traffic management enhancement
- ② Next generation transport system

[IV] Deployment for next generation urban transport

- ① Traffic fatality reduction effect estimation method & national shared data base
- ② Micro and Macro data analysis and simulation technology
- ③ Local traffic CO₂ emission visualization technology

[II] Basic technologies to reduce traffic fatalities and congestion

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Global Cooperation

- Automated Driving Technologies have great potential
- Share common issues and resolve together
- Establish shared development activities from early stage to facilitate global harmonization

