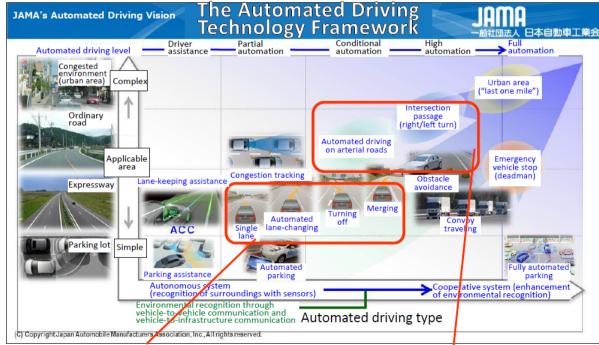
## Sur The SIP Automated Driving System: Objectives

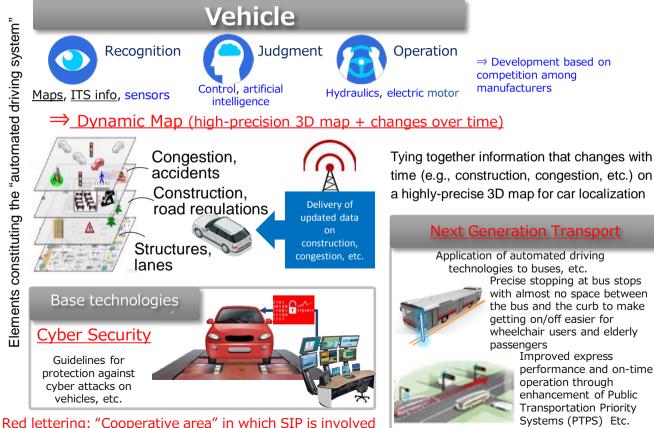
- 1) Reduction of accidents and congestion in road traffic
- 2) Early realization and deployment of automated driving systems
- 3) Realization of an advanced public bus system that is easy to use by elderly and disabled people



- (1) Practical application of a high-end semi-automated driving system (Level 2) by 2020
- (2) Clarification of functional expandability requirements and priority for next step and scheduling of its deployment

Sup Areas Targeted by the SIP Automated Driving System

Promoting R&D focused on topics for technical fields (cooperative fields) that require a joint industry-academia-government collaboration at SIP.

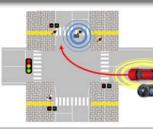


Interface The transition time required, depending on driver's readiness, to safely switch from automated driving to manual driving Interfaces with other おさきにどうぞ Instruction method concerning the operating Pedestrian traffic accident reduction

HMI

Human

Machine



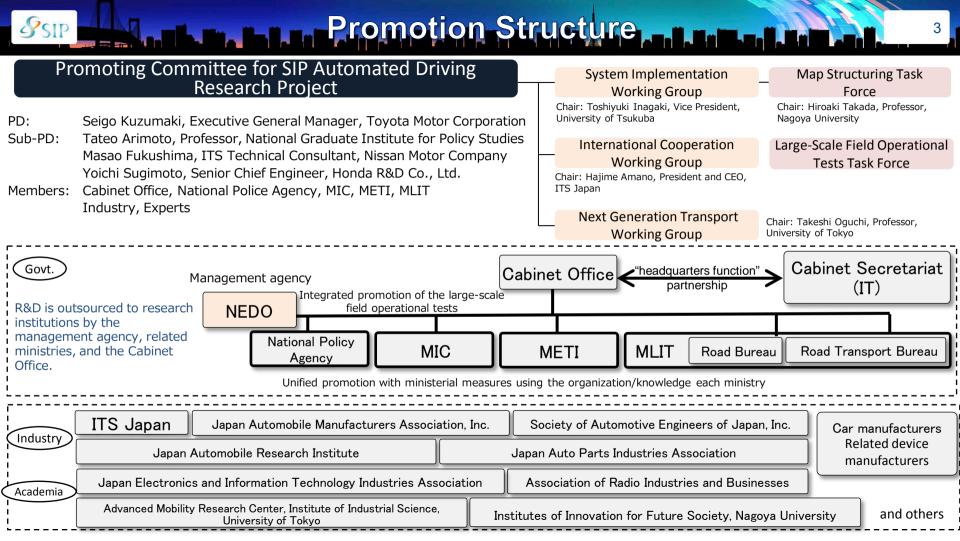
Verification of the accidentreduction effects of wireless communication between cars and pedestrians' devices and use of radar, etc.

traffic participants

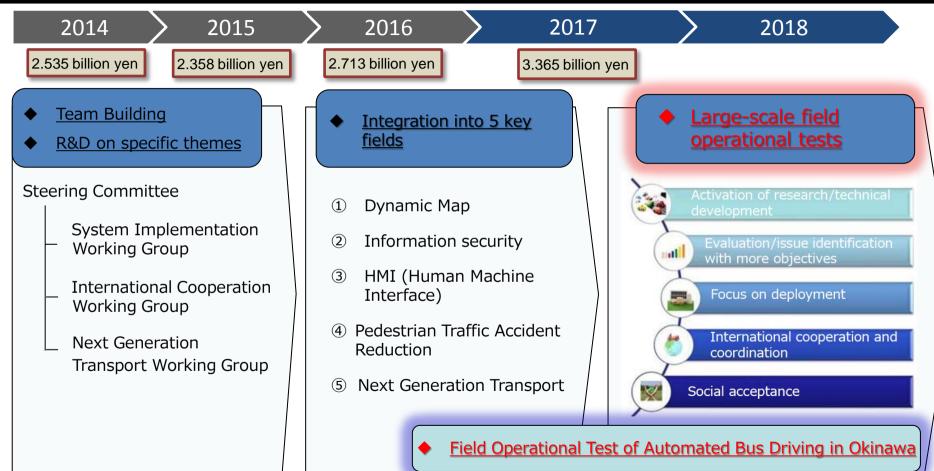
condition of the

automated driving

system, etc.



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