



Project on Research, Development, Demonstration and Deployment (RDD&D) of Automated Driving Toward the Level 4 and its Enhanced Mobility Services.

(1) Significance

- Based on the major movements surrounding the automobile industry such as CASE and carbon neutrality, this project aims for a society of sustainable mobility.
- By realizing and popularizing advanced mobility services such as automated driving vehicles, we expect a reduction in environmental load, resolution of mobility issues, and improvement of Japan's economy.

(2) Goals/KPIs

- ① Deployment and popularization of driverless automated driving services
 - By FY2022, the project will realize automated driving services with only remote monitoring (Level 4) in limited areas and vehicles.
 - Then, by FY2025, expanding to a variety of areas and vehicles, deploying in more than 40 locations.
- ② Popularization of new mobility services (MaaS) utilizing IoT and AI
 - Social implementation of new mobility services utilizing IoT and AI throughout Japan to solve local social issues and revitalize local communities.
- ③ Securing and training human resources
 - Securing human resources in a wide range of fields, such as hardware and software engineers, technology experts, and those who can match local issues with technology.
- ④ Building social acceptance
 - Provide easy-to-understand information from the user's point of view, offer opportunities for realistic experiences, and organize civil liabilities to increase accurate understanding of and interest in automated driving, etc. and encourage changes in behavior.

(3) Implementation policy

- In addition to technological development, research analysis, and demonstrative experiments, through our initiatives we aim for the social implementation of advanced mobility services such as automated driving vehicles based on the significance and goals listed above.

Theme 1

Initiative for the realization of automated driving vehicles services with remote monitoring only (level 4)

- Realize automated driving vehicles driving level 4 in limited areas and vehicles by 2022.



Area/vehicle expansion

Theme 2

Initiative for target area and vehicle expansion and improvement of business feasibility

- Realize driverless automated driving vehicles services using various vehicles in more than 40 varied locations by 2025.

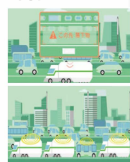


Support for mixed environments

Theme 3

Initiative for infrastructure cooperation and collaboration between vehicles and pedestrians to develop level 4 automated driving in a mixed space

- Aim to deploy level 4 automated driving services under mixed traffic in various locations by around 2025.



Support for mixed traffic environments

Theme 4

Initiative for the realization of highperformance trucking on expressways, including platooning

- Realize level 4 automated driving trucks and platooning on expressways after 2025.

