Since it was formulated in 2014, the Public-Private ITS Initiative/Roadmaps has been updated each year based on the latest changes in circumstances affecting ITS and automated driving systems.

The Public-Private ITS Initiative/Roadmaps 2019 provides a future vision incorporating automated driving for the rapidly advancing Mobility-as-a-Service (MaaS) sector.

**Overview**

![Diagram showing the timeline for achieving automated driving](image)

- **By 2020:**
  - Automated driving on general roads [Level 2]
- **Early 2020s:**
  - Big-scale operational test
  - Automated driving on expressways [Level 2 and 3]
- **Circa 2025:**
  - Driverless automated delivery service in specified areas [Level 4]
  - Driverless automated driving transport services in specified areas [Level 4]
  - Driverless automated driving trucks on expressways [Level 4]

*SAE definitions are adopted as automated driving levels

- **Reduce traffic accidents**
- **Alleviate congestion**
- **Streamline logistics**
- **Eliminate vulnerable road users**

**MaaS Overview**

- **Data-linkage infrastructure**
- **Multimodal Optimization**
- **Service Providers**
- **Users**
- **Various Services** (Sightseeing, Dining, etc.)