#### **BE OPEN Project Final Event**

ITS Japan



## June 9, 2021 ITS Japan Automated Driving Project Group **Takahiko Uchimura**



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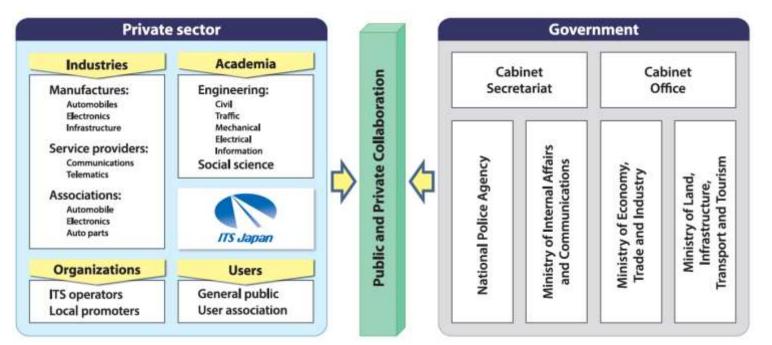
- ITS Japan
- ADV Deployment Path
- ITS Japan Automated Driving Research Activity
- Pilot Test
- Mobility/Logistic Trend in 2020
- Logistic Trend in 2020
- Challenges for New Delivery services
- Practice on Open Science

# **ITS Japan**



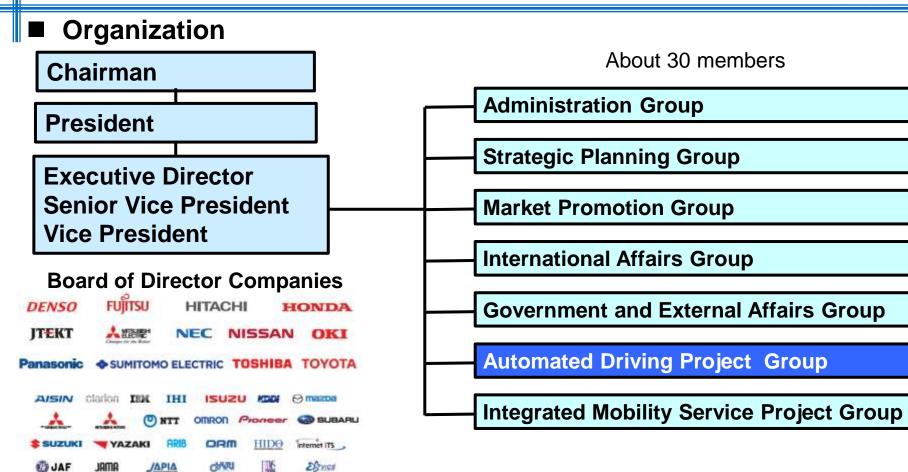
### Roles

- Promoting ITS R&D and deployment
- Liaison among ITS-related public and private organizations and academia
- Supporting ITS-related standardization activities



## **ITS** Japan









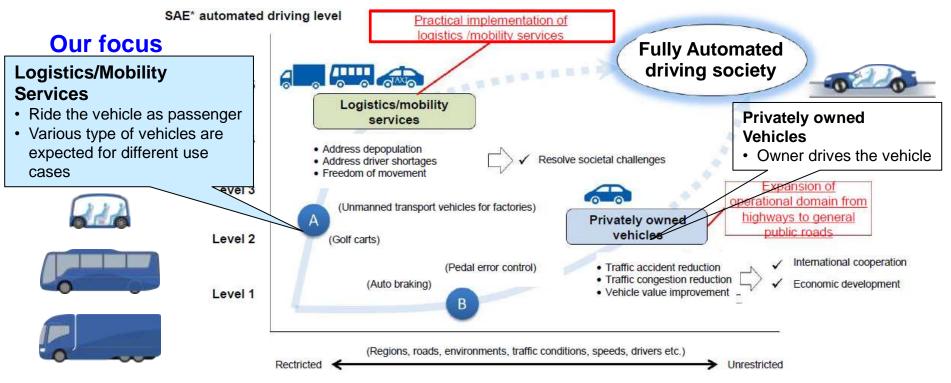
#### International Cooperation

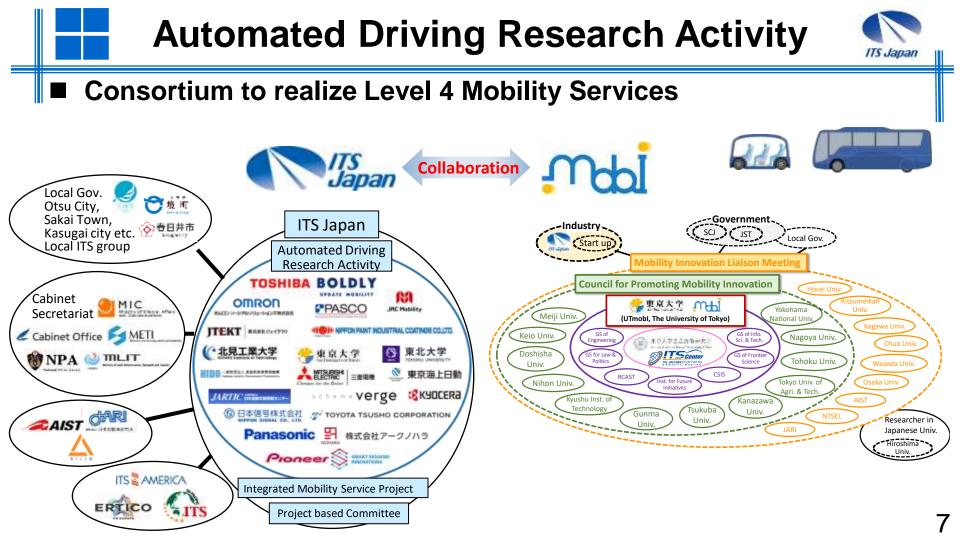


## **Deployment Path**



■ Public-Private ITS Initiative/Roadmap 2019 IT Strategic Headquarters Japan







SPAC<sup>®</sup>

## **Pilot Tests in Europe**



#### A lot of Tests in many places



AUSTRALIA Autonom

Autonomous shuttle service Brussels Health Campus

**KIP Curtin University Perth** 

**RAC. Intellibus Perth** 

BELGIUM

Australia

AUSTRALIA



Digibus, Willischwandt Willischwandt AUSTRIA

Digibus, Austria, national

pilot

AUSTRIA



**Future Mobility Lab** Adélaîde AUSTRALIA



Mariy Autonomous TPF Shuttles Filbourg SWITZERLAND

Drag the map Arreact, Click on a point to explore an initiative.

Source: https://space.uitp.org/initiatives



## **Pilot Tests in US**



#### A lot of Tests in many places



Rochester Automated Shuttle Pilot



Bishop Ranch SAV Pilot Program



Texas A&M University Smart Shuttle Demonstration





Columbus Smart Circuit and Linden Leap



I-Street



Houston METRO's Project

9



University District AV Project



Arlington Driverless Shuttle Pilots





### A lot of Tests in many places

Automated Driving Services at Roadside Stations MLIT/Cabinet Office SIP

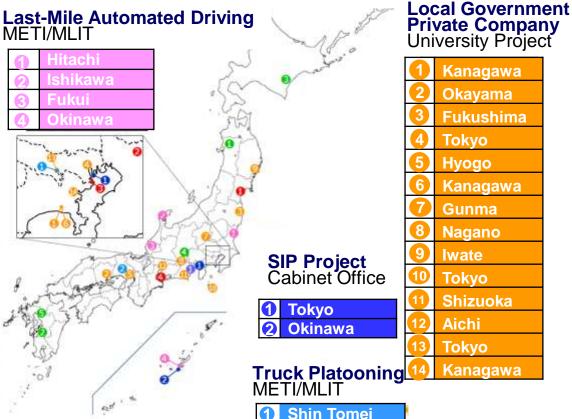
Akita
Kumamoto
Hokkaido
Nagano
Fukuoka

Automated Driving Services MLIT/Cabinet Office SIP



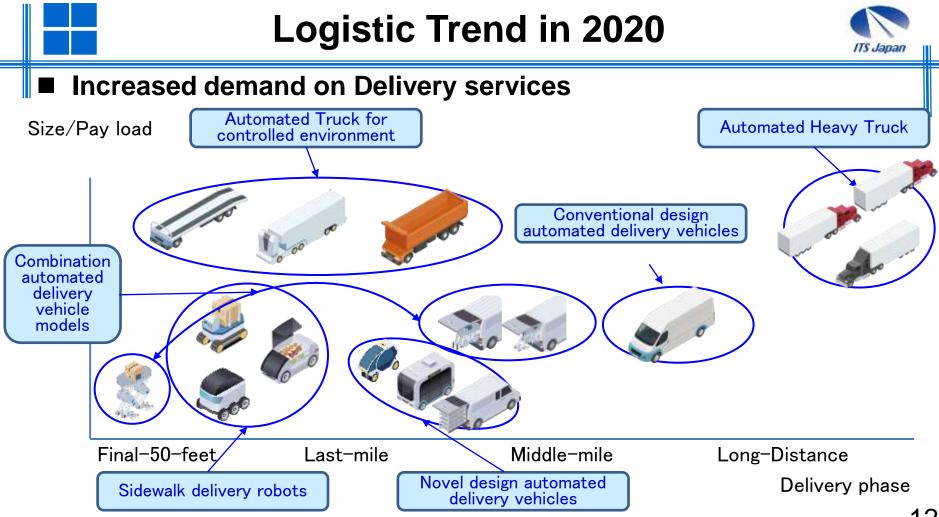
National Strategic Special Zone Project Cabinet Office

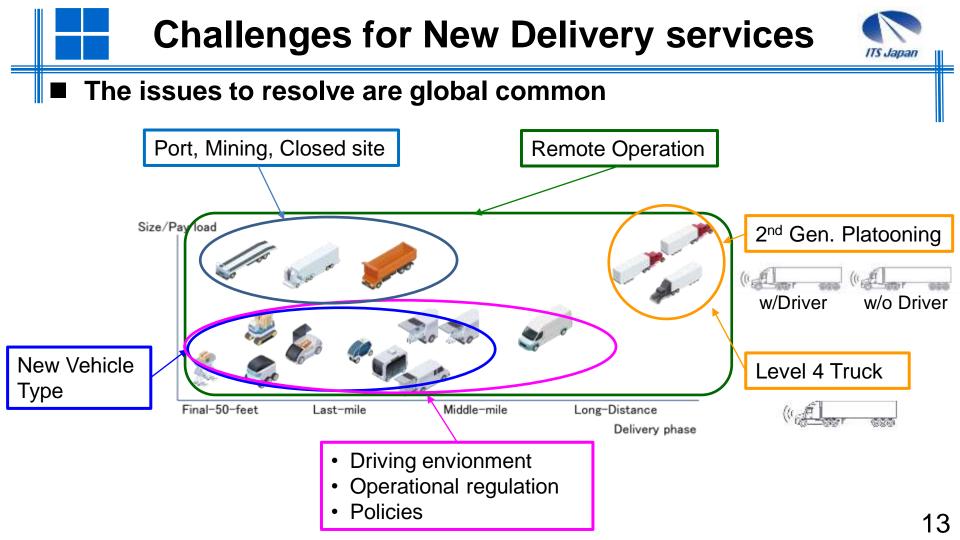


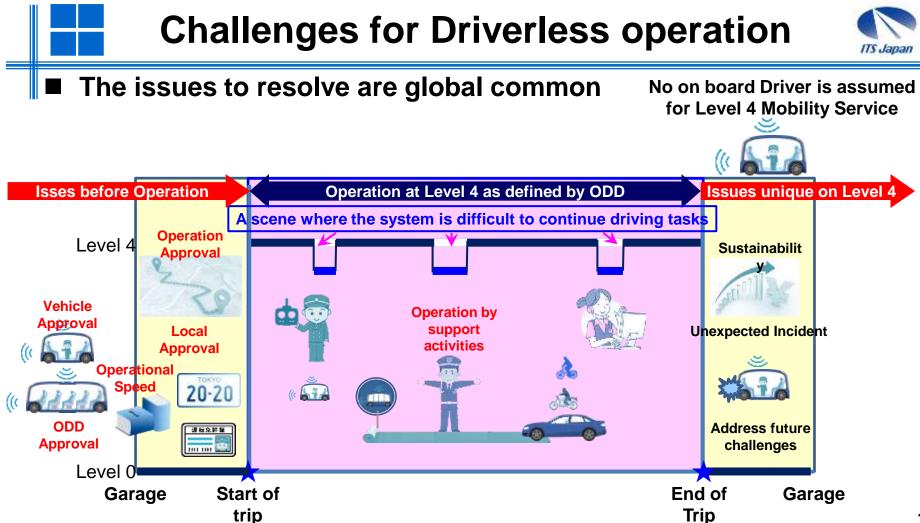


# Mobility/Logistic Trend in 2020









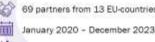
## **Practice on Open Science**

#### Collaboration activities between SHOW, ITS Japan and The University of Tokyo

#### The SHOW project Large-scale demonstration of AV fleets

#### SHOW in a nutshell

Deployment of shared, connected and electrified automated vehicles to advance sustainable urban mobility



- 69 partners from 13 EU-countries
- January 2020 December 2023
- Real-life urban demo in 20 cities
- H2020 R&I programme GA No 875530
- 30 million EUR funding



SHOW signs agreement with ITS Japan and University of Tokyo

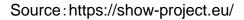


One of the objections of the DEON project is to home interruptional comparison on automated incibility by collaborating with plotal organizations anywing on Connected Conservation and Automated Hub-Dry (CCLH). Therefore, we are happy to avecute EHOM has signed in Deptember 2020 a Non-Enclosure Agreement with (75 Japan and He University of Tokya,

The collaboration will prin forces of 2000k the Automated Driving Physics Drives Provided US and the Hubbits Innovation Collaborative Research Organization (UTreast) from the University of Takes 1017 (International Association of Public Transport) signed the agreement in behalf of the SHOW revenues

Under the apprentient, parties will exchange information about decays, development and demonstration of shared, connected and soccessation automated mubility so that - at a later solet - a complexity on cars plant on planting hast grant may and perpendially tecoporting respectives developments in the fields of safety, traitic officiency, or user experience initial with OCUP









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