

Overview of the selected projects

Project 1: High-level category

A trial service aimed at commercializing 5G-equipped self-driving taxis

Project Participants: Mobility Technologies Co., Ltd / Tier IV, Inc./
Sompo Japan Insurance Inc./ KDDI Corporation/ AISAN TECHNOLOGY CO., LTD



Project overview: The project comes in response to issues such as the weakening of regional transport networks and shortages of taxi drivers. Taking place in Nishi-Shinjuku, which is an area with plenty of advanced technology such as 5G and high footfall, the project involves a trial aiming to solving those issues by commercializing self-driving taxis.

High-level technologies/services expected to be used:

Continuous operation of vehicles in 4G/5G areas, a long-range single-operator multiple vehicle management and observation system, instant vehicle dispatch on demand using the dedicated app.

Overview of the trial vehicle:

- Base vehicle: Toyota JPN Taxi “Takumi”
- In environments where vehicles and pedestrians are separated, the vehicle can change lane, turn, stop, etc. completely autonomously (only in emergency situations does the driver take over)

Trial observers: EBARA KOTSU Co., Ltd, TEITO MOTOR TRANSPORTATION CO., LTD, Nihon Kotsu Co., Ltd, HINOMARU KOTSU Co., Ltd.

Planned trial location:

- Nishi-Shinjuku area

Project 2: Early implementation category

Implementing autonomous transport along with regional public transport and services

Project leader: WILLER, Inc.



Project overview: With services that connect to urban public transport such as the “IKEBUS” as well as trialing offering other services such as food/drink and online shopping deliveries, services for students and more, this project aims to start operations in mid-2022, and will verify improvements in round trips around regions, practical use and commercial viability.

Services the project aims to realize at an early stage:
Cashless/digital use of public transport with apps, providing online ordering and delivery of food/drink/e-commerce.

Overview of the trial vehicle:

- Base vehicle: NAVYA ARMA
- Traveling on a pre-mapped route, the vehicle can turn, stop, and take other actions completely autonomously (only in emergency situations does the driver take over)

Planned trial location:

- The Higashi-Ikebukuro area (IKE • SUNPARK) and around Sunshine City

Inquiries regarding the above projects:

“The Project to Build Business Models for Autonomous Vehicle Technology”

Corporate Communications office, Koei Corporation

Email: c-com@n-koei.co.jp Phone: 03-5276-2454