Cross-ministerial Strategic Innovation promotion Program (SIP)

Phase 3, Development of Smart Mobility Platform

Promoting international research collaboration and dissemination activities toward the Development of Smart Mobility Platform

FY2024 Summary Report

March 2025

Mobility Innovation Collaborative Research Organization,
The University of Tokyo (UTmobI)

Mobility Innovation Alliance Japan

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1. Project overview

Outline of project activities

In order to promote international collaborative activities in the third phase of SIP, the development of the smart mobility platform, this project will expand the international network cultivated under the second phase of SIP (automated driving for universal services) to the research areas aimed at social implementation of mobility services, and promote a wider range of international collaborative activities, including collaboration with government and research institutions that are actively working on social implementation of mobility services.

In addition, dissemination activities of the SIP third phase Smart Mobility Platform will be promoted by utilizing the annual international workshops hosted by the Mobility Innovation Alliance Japan to enhance Japan's presence in this research area. Moreover, the project will support international collaborative activities among experts by serving as contact points for Japanese involvement and facilitating interactions with experts from overseas.

1. Project overview

Collaborate with related stakeholders both inside and outside Japan to promote international collaboration activities based on three pillars (A~C).

A: Information gathering and dissemination activities through international conferences

B: Smart Mobility Platform international collaboration promotion and IAB operation support

C: Collaborative activities utilizing the network

International conference (held in Japan)
Mobility Innovation Workshop

Mobility Innovation Alliance Japan

International conferences (held abroad)
ITS World Congress, TRB, TRA, etc.

DUBAI ITS World Congress 16-20 September 2024 Mobility Driven by ITS

TRB

International Advisory Board

Operational support
※ in cooperation with support organizations

PD

SPD, Supporting organization

Planning, management

Face-to-face information exchange

Information dissemination

Information gathering

International Collaboration Consortium

Collaboration

SIP Smart Mobility Platform Program Consortiums

Overseas inquiry response and feedback

Japan academia network
(Alliance for promoting mobility innovation)

Mobility Innovation Alliance Japan

Advise

Networking, coordination

Collaboration support

Overseas governments
Overseas universities and research institutes
Overseas private companies, etc.

Collaboration between projects

FY2024 activity report

2-1. Information gathering and dissemination activities through international conferences

2-1. Information gathering and dissemination activities through int'l conferences

2-1-1. Dissemination activities through international conferences

In order to raise awareness of research activities related to the SIP Smart Mobility Platform among overseas stakeholders, enhance Japan's presence, and facilitate future international collaboration, dissemination activities about the SIP Smart Mobility Platform were conducted by utilizing the global network established through the second phase of the SIP (SIP-adus) and the international workshop organized by Mobility Innovation Alliance Japan.

■ Presentation at Connekt, CCAM Knowledge Session (NL), May 2024

Ishida PD presented the activities of the SIP Smart Mobility Platform at "CCAM Knowledge Session" organized by Connekt (ITS Netherlands) on 24 May 2024.

■ Presentation at Automated Road Trasnport Symposium 2024 (US), July 2024

Mr. Shirato, Senior Vice President, ITS Japan presented the activities of the SIP Smart Mobility Platform as a part of Japanese initiatives at ARTS 2024 organized by TRB (Transportation Research Board), coordinated by Mobility Innovation Alliance Japan.

■ Presentation at ITS World Congress (Dubai), Sep. 2024

In the session which the University of Tokyo planned and organized at ITS World Congress in Dubai, Prof. Taniguchi from University of Tsukuba (SIS56) and Mr. Takayanagi from UTMS society of Japan consortium (SIS68) presented their research activities of the SIP Smart Mobility Platform.

2-1. Information gathering and dissemination activities through int'l conferences

2-1-1. Dissemination activities through international conferences

■ Presentation at Mobility Innovation Workshop (JP), Nov. 2024

The following 3 members presented the activities of the SIP Smart Mobility Platform in the plenary session at Mobility Innovation Workshop 2024 in Nagoya University, organized by Mobility Innovation Alliance Japan.

- Ishida PD : Outline of SIP on Development of Smart Mobility Platform
- Prof. Morikawa (Nagoya Univ.) : Activities of Global Research Institute for Mobility in Society, Nagoya University including research activities of the SIP Smart Mobility Platform
- Prof. Fujiwara (Hiroshima Univ.) : Research activities by Hiroshima University under the SIP Smart Mobility Platform

2-1. Information gathering and dissemination activities through int'l conferences

2-1-2. Investigation of overseas initiatives through international conferences

By utilizing opportunities to participate in international conferences for building global networks, investigations of advanced overseas initiatives related to the SIP Smart Mobility Platform were conducted, focusing on trends in automated driving research.

■ U.S. V2X initiatives by USDOT (@TRB Annual Meeting 2025)

- National V2X Deployment Plan issued by August 2024 :
  12 deployments by 2018, 25 deployments by 2031, and 50 deployments by 2036
- 3 V2X Accelerator sites : Utah, Arizona and Texas
- 7 V2X ATTAIN Grantees, 6 V2X SMART Grantees
- V2X trainings across the U.S. : 13 trainings, number of people reached 615
- V2X Interoperable Testing : 20 diverse stakeholders. First operational demonstration. Safety application will be focus of the next round of testing.
- OmniAir Plugfest：Testing a variety of cellular V2X devices. Over 20 devices were tested.
- FCC's Second Report and Order : FCC released "Use of the 5.850-5.925 GHz Band" Second Report and Order in November 2024.
- Complete Streets AI : Develop a suite of powerful new decision-support software tools for state, local, and tribal transportation agencies that assists in the siting, design, and deployment of Complete Streets
- Value of V2X Deployment : Introduce examples of V2X use case and benefits
- Workforce Training : Education and Recruitment, Development of a Skilled Workforce, Barriers to Employment

2-1. Information gathering and dissemination activities through int'l conferences

2-1-2. Investigation of overseas initiatives through international conferences

■ European initiatives regarding ITS, CCAM (@TRB Annual Meeting 2025)

- Artificial Intelligence：AI and machine learning are acknowledged as transformative tools, enhancing mobility, sustainability, and operational efficiency across Europe and the globe. The use of artificial intelligence in the EU is regulated by the AI Act, the world's first comprehensive AI law.
- Evolving policy framework : Letta Report (April 2024), Draghi Report (Sep. 2024), Heitor Report (Oct. 2024)
- Continuous investment in Research & Innovation : FP10 – the new funding programme following Horizon Europe (2028-34), 200-220 Billion EUR
- The ITS industry is at the forefront of innovation. AI and machine learning are reshaping traffic management, while 5G connectivity is unlocking new possibilities for V2X communication. These technologies not only enhance efficiency but also bring us closer to autonomous and fully integrated transport systems.
- The mobility of the future is likely to be characterized by a more connected, sustainable, and personalized transport system, with a greater focus on the use of technology to improve efficiency, safety, resilience and convenience.

2-1. Information gathering and dissemination activities through int'l conferences

2-1-2. Investigation of overseas initiatives through international conferences

■ Initiatives towards social implementation of next generation mobility services (@ITS WC 2024)

<Initiatives in Hamburg, Germany>

- Hamburg Takt: A public mobility service within 5 min.
- Integrated mobility systems (Classic public transport, (Autonomous) on-demand Ridepooling) offer a viable alternative to private car ownership
- Autonomous mobility ambitions in Hamburg : 3 projects (ALIKE, AHOI, MODI), 3 Use Cases (Pooled A-B Services, Pooled feeder-service to Mass Transit, Logistics), Operation in 2026, Scaling in 2027

<Initiatives in Luxembourg>

- Luxembourg City has invested in public transport. We will continue investing in autonomous driving and intelligent transport in the next decade.
- Public transport free of charge since March 2020
- Creating a New Mobility Balance : Car ownership meets Mobility as a Service, Smart parking, Traffic management systems (dashboards), V2X technology and applications, Last-mile autonomous mobility & e-bikes and scooters, etc.
- Autonomous driving partnerships : Autonomous shuttle by OHMIO, partnership with Pony.ai (China)

FY2024 activity report

2-2. SIP Smart Mobility Platform international collaboration promotion and International Advisory Board (IAB) operation support

2-2. SIP Smart Mobility Platform int'l collaboration promotion and IAB operation support

2-2-1. Establishment of IAB and its operation support

In order to obtain advice and proposals from overseas experts based on international perspectives regarding the research activities and results of the SIP Smart Mobility Platform, the International Advisory Board (IAB), composed of high-level overseas experts, has been established with the aim of producing more global competitive results. More in-person based format with expanding the contents is under study for next year's IAB.

■ 1st International Advisory Board (IAB)

- 9 experts from diverse regions involved in smart mobility, including Europe, North/South America, and Asia, were appointed as IAB members, and 1st IAB was held in Nov. 2024.
- In the 1st IAB, constructive discussions with each member were conducted in addition to self-introductions, an explanation of the IAB, and an introduction of the SIP Smart Mobility Platform. Regarding the next IAB, we agreed on the following potential direction: extending the meeting duration to several days, sharing more details of research activities, and allocating time for each member to present their initiatives.

SIP Smart Mobility Platform
International Advisory Board (IAB) member

- Bart van Arem (Full Professor of Transport Modeling, TU Delft)
- Philippe Crist (Senior Advisor, ITF, OECD)
- Asuka Ito (Sustainable Mobility Senior Manager, FIA)
- Rodrigo Jose Firmino (Professor, Pontifical Catholic University of Paraná)
- Andrew Glass Hastings (Executive Director, Open Monbility Foundation)
- C. Y. David Yang (President & Executive Director, AAA Foundation)
- Gregory D. Winfree (Agency Director, Texas A&M Transportation Institute)
- Jaehak Oh (Former President of KOTI, Former President of EATS)
- Arthur Chua (CEO, Goldbell Group, Singapore)

2-2-2. International collaboration status of the SIP Smart Mobility Platform

A list of overseas initiatives, projects, and organizations that are potential candidates for future collaboration was created in order to be visible and promote international collaboration activities for the SIP Smart Mobility Platform.

■ Stage-by-stage status list for managing international collaboration

- The status of international collaboration was assessed by defining the stage of collaboration level regarding each item which has a potential opportunity for future collaboration.
- Stage 0 is assessed by inputs from each consortium in the SIP Smart Mobility Platform, in addition to the information gathered by the UTokyo international collaboration consortium and academia network.
- Stage 2 and more are realized by clarifying the collaboration counterpart in the SIP Smart Mobility Platform.

2-2-2. International collaboration status of the SIP Smart Mobility Platform

■ Stage-by-stage status list for managing international collaboration (Stage 1~3) *As of Feb. 2025

Collabiration stage	Status
Stage 3 : Joint Research	Joint research, testing, reporting, with overseas initiatives, projects, and organizations ・International harmonization (ISO TC268 SC2) : IBS Consortium ・Joint research with OECD/ITF : IBS Consortium
Stage 2 : Information exchange, Interactive discussion	Regular information exchange, joint session proposal for international conferences, etc., with overseas initiatives, projects, and organizations which bring benefits to our research activities ・Collaboration with Chulalongkorn University, Thailand : Nagoya Univ. Consortium ・Collaboration with Pontifical Catholic University of Paraná, Brazil : Nagoya Univ. Consortium ・Collaboration with Luang Phabang local authority, Laos : Hiroshima Univ. Consortium ・Collaboration with XCARCITY project, the Netherlands : Oriental Consultants Consortium, UTokyo int'l collaboration Consortium ・Collaboration with ULTIMO project, Europe : UTokyo int'l collaboration Consortium ・Collaboration with Texas A&M Transportation Institute, US : UTokyo int'l collaboration Consortium ・Collaboration with University of the Philippines : UTokyo int'l collaboration Consortium
Stage 1 : Monitoring activities	Gathering information and monitoring activities regarding overseas initiatives, projects, and organizations which are relevant to the SIP Smart Mobility Platform, through desk research, interview to stakeholders, etc. ・Horizon Europe, SINFONICA project, EVENTS/ROADVIEW project ・MAD Urban project, Germany ・Center of Excellence on New Mobility and Automated Vehicles, US : UTokyo int'l collaboration Cons. ・Tips Sheet, overseas information in barrier cases : IBS Consortium

2-2-2. International collaboration status of the SIP Smart Mobility Platform

■ Stage-by-stage status list for managing international collaboration (Stage 0) *As of Feb. 2025

Collaboration Stage	Status	
Stage 0 : Long list	Identifying potential candidate activities of overseas initiatives, projects, and organizations to research	
	・Cocozap project (Rio de Janeiro) ・Deploy EMDS project (Digital Europe) ・NAPCORE project (Europe) ・CCAM-ERAS project (Horizon Europe 2023 Call) ・Diversify-CCAM project (Horizon Europe 2023 Call) ・Digital Europe programme (Funding program in Europe) ・Connecting Europe Facility (European funding) ・MILAS project (Germany) ・KIRA project (Germany) ・MINGA project (Germany) ・Siemens X-Wagen metro train automation project (Vienna, Austria) ・ADASTECH (Software development for AV bus in US) ・MOIA (On-demand rideshare service in Germany) ・Smart Mobility Living Lab London (United Kingdom) ・University of Warwick, Warwick Manufacturing Group (UK)	・May Mobility (AV service in US) ・Aurora (AV truck pilot tests in US) ・Contra Costa Transportation Authority (Next generation shared mobility in US) ・Development in Bang Sue, Thailand ・Clark city in Philippines (AV pilot test) ・Traffic management, AV pilot tests for Brisbane Olympics in Australia

2-2-3. Research on potential international partners

Overseas initiatives, projects, and organizations which are potential candidates for future collaboration were investigated.

■ Initiatives by Mobility COE(Center of Excellence on New Mobility and Automated Vehicles) in U.S.

- An investigation was conducted based on the information that Mobility COE would be a candidate for future collaboration through the information exchange with USDOT.
- FHWA/UCLA Mobility COE was established at UCLA in 2023 with $7.5 million grant in 5 years by the Federal Highway Administration (FHWA).
- The award will support research on the impacts of new mobility technologies and highly automated vehicles on the evolving transportation system when deployed at scale. 17 projects are deployed as of Nov. 2024.

■ Initiatives by SINFONICA project in Europe

- An investigation was conducted based on the contact for future collaboration from the SINFONICA project through the European Commission (DG-RTD).
- The SINFONICA project started in 2022 under Horizon Europe programme. They aim to develop functional, efficient, and innovative strategies, methods and tools to engage CCAM users, providers and other stakeholders to collect, understand and structure in a manageable and exploitable way their needs, desires, and concerns related to CCAM.
- Method : Establishment of groups interest, Creation of methodologies, Participatory approach implementation (3 rounds), Information analysis, Tool development, and Guidelines and recommendations
- Interviews & Focus groups : About 3,000 interviews for 36 focus groups in 4 countries. Special emphasis on Public Transport.

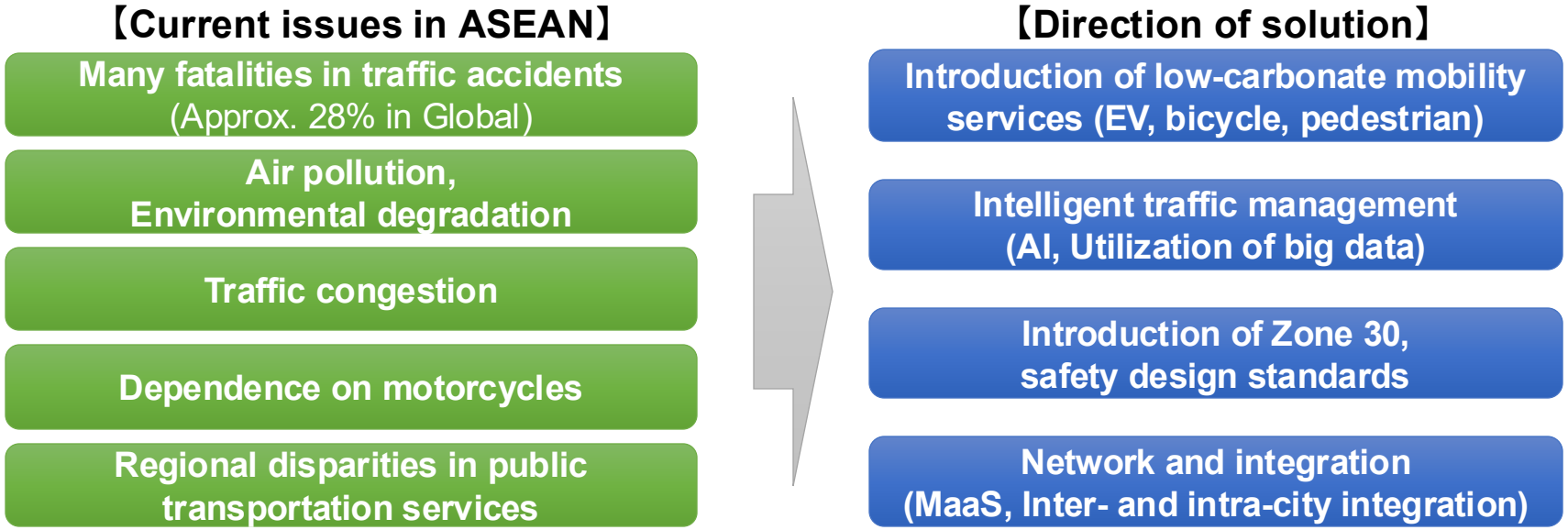
2-2-3. Research on potential international partners

■ Initiatives in Asia

- With a view to future international collaboration with ASEAN countries, which is a focus area for the SIP Smart Mobility Platform, reports published by international institutes were reviewed to understand the current mobility status and analyze issues in ASEAN countries.

<International institutes that we reviewed the report>

- United Nations (incl. related institutes), OECD/ITF, Asian Development Bank (ADB), JICA, GIZ, ASEAN
  - ✓ ASEAN Sustainable Urbanisation Report (2022)
  - ✓ ITF Southeast Asia Transport Outlook (2022)
  - ✓ WHO South-East Asia Regional status report on road safety: Towards safer and sustainable mobility (2024)
  - ✓ ADB Strategy 2030 Transport Sector Directional Guide (2020)



2-2-4. Promoting international collaborations in the SIP Smart Mobility Platform

Supporting activities were conducted to promote collaboration activities with overseas initiatives, projects, or organizations that are candidates for international collaboration with the SIP Smart Mobility Platform.

■ Collaboration with XCARCITY projects, the Netherlands

<About XCARCITY project>

- Dutch national project coordinated by TU Delft. 5-year program, packed with research and pilots, aimed at making urban regions sustainably accessible.
- Research on dynamic safety index, software, and hardware requirements through experiments involving pedestrians passing in front of automated shuttles using immersive VR digital twins. Research on the utilization of digital twins in urban strategy.
- Application area : Amsterdam and surroundings, Almere Pampus, Metropolitan region Rotterdam-The Hague

<Visiting TU Delft (May 2024)>

- Ishida PD and the SIP Smart Mobility Platform members visited TU Delft and exchanged opinions with the XCARCITY project members on May 24, 2024. They visited research facilities at TU Delft, including VR test experiences.
- XCARCITY project is highly compatible with the activities of the SIP Smart Mobility Platform, and we concluded to continue exchanging information and exploring further collaboration opportunities in the future.

<Joint Workshop with XCARCITY project (November 2024)>

- Taking the opportunity of the visit of related members to Japan, a joint workshop was held at the Institute of Industrial Science, the University of Tokyo on November 8, 2024.
- The initiatives of XCARCITY project and the Oriental Consultants consortium project of the SIP Smart Mobility Platform were introduced, and all participants deepened their understanding of each project's activities through discussions.

2-2-5. International networking among working-level & young researchers

A workshop for working-level and young researchers was held as an opportunity for international exchange and fostering young researchers in November 2024.

■ First international workshop for working-level and young researchers

<Purpose of the workshop>

- Sharing and discussing more specific issues and future expectations among working-level and young researchers regarding future smart mobility.
- The workshop provides an opportunity for international exchange among researchers responsible for next-generation smart mobility.
- The workshop contributes to generating an innovative mind for researchers beyond their research area and regions, through discussions regarding topics related to the Smart Mobility Platform.

<Outline of the workshop>

- Date & Time : November 14, 2024
  - ✓ The workshop was held with Nagoya University, as one of the workshops in Breakout Workshop, Mobility Innovation Workshop.
- Members : Global working-level and young researchers (including PhD students), approximately 20 members.

<Results of the workshop>

- Approximately 20 members, including doctoral students, postdoctoral fellows, young researchers, consultants, and working-level researchers, met to discuss various topics while sharing their experiences of their various living countries, such as Japan, China, Taiwan, Thailand, Indonesia, Australia, and France.
- Graphic recording techniques were used to share and visualize discussion contents in real time. Because discussions were held among researchers with different research backgrounds, it was meaningful to establish a common understanding of each topic and select appropriate words in order to conduct effective and in-depth discussions.

FY2024 activity report

2-3. Collaborative activities utilizing the network

2-3. Collaborative activities utilizing the network

2-3-1. Expert meeting utilizing Japanese academic network

In order to proceed international collaborative activities utilizing the comprehensive knowledge of academia in Japan, the experts from various research field were assigned for the experts' meeting by utilizing the academic network of the Mobility Innovation Alliance Japan. The following 2 experts' meetings (Alliance for Promoting Mobility Innovation) were held in FY2024.

■ 1st Alliance for Promoting Mobility Innovation

- 1st Alliance for Promoting Mobility Innovation was held as an online meeting on July 17, 2024. 19 experts from academic members in Mobility Innovation Alliance Japan were participated.
- After explaining the purpose of the meeting, the overall activities of the SIP Smart Mobility Platform were shared, and reports were given on international collaboration activities and global research trends. Discussions were held on research themes and survey items that should be addressed in future international collaboration. Discussions were also held regarding the necessity of international collaboration in safety assurance, which has been a topic of ongoing discussion since the second phase of SIP (SIP-adus), as well as initiatives related to data management.
- Finally, the UTokyo international collaboration consortium requested each member to provide information on their international networks in order to compile a list of potential future international collaboration partners.

■ 2nd Alliance for Promoting Mobility Innovation

- 2nd Alliance for Promoting Mobility Innovation was held as a hybrid-style meeting on February 6, 2025. 14 experts from academic members in Mobility Innovation Alliance Japan were participated.
- After reporting on the progress of international collaboration activities and global research trends in the SIP Smart Mobility Platform, some of the members presented their research topics for discussion. Again, discussions were held on research themes and survey items that should be addressed in future international collaboration. Discussions were also held regarding the ideal form of future automated mobility services, the rational explanation for accidents or other incidents, infrastructure collaboration, and the need for collaboration with industries.

2-3. Collaborative activities utilizing the network

2-3-2. Establishing relationship with USDOT (U.S. Department of Transportation)

Utilizing the network of the UTokyo International Collaboration Consortium, Relationships with USDOT were established through regular information exchanges using opportunities for international conferences. As a result, the Director of USDOT ITS JPO* visited Japan and delivered a keynote speech at the Mobility Innovation Workshop in November 2024.

■ Information exchange with USDOT in July 2024

- 2nd regular information exchange with USDOT ITS JPO and FHWA*2 was held by utilizing the opportunity of ARTS 2024.
- The USDOT gave an oral presentation on industry-academia collaboration initiatives related to automated driving systems (ADS) and the deployment of cooperative driving automation (CDA) use cases. As a first step, they mentioned about showing the effectiveness of connectivity, indicating that they would like to evaluate it by presenting actual use cases.
- Discussions were held on areas for future collaboration, including issues related to cooperative system design and the utilization of infrastructure cooperation. It was decided to continue exchanging information and exploring specific opportunities for future collaboration.

■ Information exchange with USDOT in January 2025

- 3rd regular information exchange with USDOT ITS JPO and FHWAwas held by utilizing the opportunity of TRB Annual Meeting.
- Mobility Innovation Alliance Japan reported the summary of Mobility Innovation Week Japan 2024 held in Nov. 2024 and 2025 plans (planned to be held in the second week of November 2025).
- Comments were received that last year's event was very meaningful, and there were no major concerns regarding the schedule for 2025 event, so we had a positive impression about USDOT participation in Mobility Innovation Week Japan 2025.
- From USDOT side, it was commented that they would be able to provide updated information on the V2X program being promoted in the United States at the ITS Asia-Pacific Forum in May and the ITS World Congress in August.

2-3. Collaborative activities utilizing the network

2-3-3. Collaboration activities with the European Commission (DG-RTD)

Utilizing the network established with the European Commission (DG-RTD) through the second phase of SIP (SIP-adus), we attended the Bilateral Meeting between the EU and Japan on Automation in Road Transport to gather the latest information and explore possibilities for future collaboration with the SIP Smart Mobility Platform. Currently, collaborative activities with the ULTIMO project under Horizon Europe are ongoing, and possibilities for collaboration with the SINFONICA project are under study.

■ Bilateral Meeting between the EU and Japan on Automation in Road Transport (April 2024)

- It is a bilateral meeting on automated driving between the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) Road Bureau and the European Commission (DG-RTD). Discussions were held focused on the exchange of the latest information and possibilities for future collaborative activities.
- In addition to the latest research activities related to CCAM from the European Commission (DG-RTD), new projects from Horizon Europe were introduced, and the possibility of future collaboration was discussed.

■ Collaborative activities with ULTIMO project

- The University of Tokyo (UTmobI) and ITS Japan signed an MOU with the ULTIMO Project in November 2023. Since then, regular meetings have been held, and collaborative activities have been ongoing regarding the following three research topics.
  - ➢ Mobility needs : Which kind of Level 4 Mobility Services should we aim to realize?
  - ➢ Impact assessment : Impact assessment by the realization of Level 4 Mobility Service
  - ➢ International Harmonization : Study on international harmonization required/expected for global implementation

2-3. Collaborative activities utilizing the network

2-3-4. Information gathering through expert meetings utilizing global network

Utilizing the global network of the UTokyo International Collaboration Consortium, we participated in informal meetings with overseas experts and gathered information on the latest global trends, focusing on automated driving.

■ TRB Connected and Automated Vehicles International Working Group Meeting (July 2024)

- Attended the International Working Group Meeting organized by TRB held in ARTS 2024 timing.
- Information about the latest project under Horizon Europe (CCAM-ERAS, Diversify-CCAM, etc.) and Research themes for the call for 2025 was obtained.
- Update information regarding the regulation and R&D projects for automated driving in France was obtained.

■ ITFVHA* (September 2024)

* ITFVHA : International TaskForce on Vehicle-Highway Automation meeting

- Attended an informal meeting for information sharing and discussions by global experts regarding automated driving held in the ITS World Congress timing.
- Information about promoting activities of automated driving deployment, initiatives to harmonize regulations and laws within Europe, automated driving research activities by various government agencies in the US, and initiatives regarding automated driving in the UK was obtained.
- This is a valuable opportunity to gather experts from around the world, discuss various topics, and engage in direct dialogue. We will continue to take advantage of this opportunity to gather information and build global networks.

2-3. Collaborative activities utilizing the network

2-3-4. Information gathering through expert meetings utilizing global network

■ European SHOW project final event (Sep. 2024)

- We were invited to attend an event exclusively for project participants as the final event of a collaborative activities with the University of Tokyo (UTmobI).

【Outline of the final event】

- The final event was held in Tampere, Finland, gathering approximately 100 members involved in the SHOW project, including a test ride.
- A project involving 66 partners from 13 countries resulted in reports and discussions on experimental results, lessons learned, impact assessments, business models, guidelines, policy recommendations, and other topics. This provided valuable information not only on successful cases but also on failures and areas for improvement.

E N D

This report includes the results of Cross-ministerial Strategic Innovation Promotion Program (SIP) 3rd Phase, “Development of Smart Mobility Platform” promoted by Council for Science, Technology and Innovation, Cabinet Office. (Project Management Agency：New Energy and Industrial Technology Development Organization (NEDO) (Project Code JPNP23023))