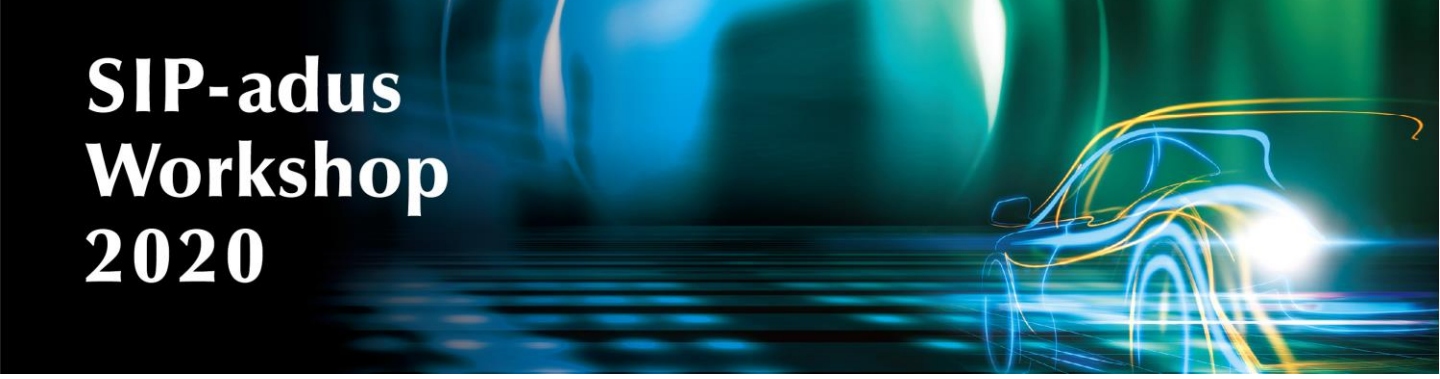

Welcome to SIP-adus Workshop2020

Date : November 10-12, 2020

Status Report Meeting(Day1) : Experts from industry and academia research partners presents the achievement of the SIP-adus projects in Japan and exchange opinions with other experts.

Online symposium(Day2, Day3) :The government representatives from US, Europe and Japan make a speech on their automated driving policy and global experts from overseas and Japan present recent global progress and the status of R&D themes focusing on automated driving and connected vehicles related to the eight focused themes of SIP-adus. The experts from Japanese government presents their advancement on automated driving development.

Schedule : Please see the next page for the program details

Status report meeting（Live）	Online symposium（Recorded）	
Tuesday,November10 Start at 9:30 (JST)	**Wednesday,November11 Start at 9:00 (JST)**	**Thursday,November12 Start at 9:30 (JST)**
9:30～9:55 Opening	9:00～9:30 Opening	9:30～10:30 Japanese Government
9:55～10:45 Session1 Utilization and exchange of data for implementation of Society 5.0	9:30～11:10 Regional Activities	10:45～12:25 Safety Assurance
11:00～12:20 Session2 Development and utilization of traffic environment information	11:10～12:15 Break	12:25～13:30 Break
12:20～13:20 Break	12:15～13:30 Service & Business Implementation	13:30～14:55 Cybersecurity
13:20～15:00 Session3 Toward realization of safe automated driving	13:45～15:00 Dynamic Map	15:15～16:15 Human Factors
15:15～17:15 Session4 Society with automated driving for universal services	15:15～16:45 Connected Vehicles	16:30～18:00 Impact Assessment
17:15～17:25 Closing		18:00～18:05 Closing

※The program is subject to change due to circumstances

for Central European Time（CET）	JST 17:30～*0:30	CET 9:30～16:30	JST 19:00～*2:50	CET 11:00～18:50
for Eastern Standard Time（EST）	JST *1:30～*8:30	EST 11:30～18:30	JST *4:00～*11:50	EST 14:00～21:50

* The time will be the next day

SIP Cabinet Office NEDO

Supported by ITS Japan

Status report meeting Tuesday, November10

Opening Session		JST 9 : 30～9 : 55
Welcome Speech	Minister of State for Science and Technology Policy, Cabinet Office	Shinji Inoue
Keynote Speech	Research and Technology, US Department of Transportation	Diana Elizabeth Furchtgott-Roth
	RESEARCH and INNOVATION, European Commission	Patrick Child
	Program Director for SIP-adus	Seigo Kuzumaki

Session1 : Utilization and exchange of data for implementation of Society 5.0		JST 9 : 55～10 : 45
National Research Initiative, SIP-adus (automated driving for universal services) to realize Society 5.0	Cabinet Office	Yasuyuki Koga
Overall Architecture- Development and Promotion of the traffic environment data portal -	NTT DATA Corporation	Naoki Iso
KYOTO Raku Mobi Contest	Mitsubishi Research Institute, Inc.	Noriyuki Hayashi

Session2 : Development and utilization of traffic environment information		JST 11 : 00～12 : 20
Efforts to build dynamic maps and traffic environment information	TOYOTA MOTOR CORPORATION	Masato Minakata
Provision of Traffic Signal Information for Automated Vehicles	UTMS Society of Japan Sumitomo Electric Industries, ltd.	Masafumi Kobayashi
Merging Support Service on Expressways	National Institute for Land and Infrastructure Management	Toshimasa Nakagawa
Lane-Level Road Traffic Information Technologies Utilizing Vehicle Probe Information	PACIFIC CONSULTANTS CO., LTD.	Hirokazu Ichikawa
V2X communication for Cooperative Driving Automation and Roadmap	Mazda Motor Corporation	Norifumi Ogawa

Session3 : Toward realization of safe automated driving		JST 13 : 20～15 : 00
Outline and analysis result of the FOTs in the Tokyo Waterfront area	Mitsubishi Electric Corporation	Yoshiaki Tsuda
Research on the recognition technology required for automated driving technology (Lv.3 and 4)	KANAZAWA UNIVERSITY	Naoki Suganuma
Driving Intelligence Validation Platform	Kanagawa Institute of Technology	Hideo Inoue
Research for Effectiveness and Technology of Intrusion Detection Systems (IDS)	PwC Consulting LLC	Ken Okuyama
User Education and Training	University of Tsukuba	Makoto Itoh

Session4 : Society with automated driving for universal services		JST 15 : 15～17 : 15
Improvement of the social environment for practical implementation and horizontal deployment of automated driving services Investigation and research for design and construction of architecture related to autonomous driving and driving support	Highway Industry Development Organization Nippon Koei Co., Ltd.	Seiya Hamada Kousuke Watabe
External HMI	Keio University	Tatsuru Daimon
Research on ADAS for people with visual field defects	University of Tsukuba	Makoto Itoh
Study of the Impact of Automated Driving on Reducing Traffic Accidents and on Others	The University of Tokyo	Hideyuki Kanoshima
Visualization of the traffic accident reduction effect -Improvement of simulation accuracy-	Japan Automobile Research Institute	Akito Adachi
Study on Assessment and Strategy for Social and User Acceptance	DAI-ICHI LIFE RESEARCH INSTITUTE INC.	Yukiko Miyaki

Closing		JST 17 : 15～17 : 25
Closing Speech	Sub Program Director for SIP-adus	Tateo Arimoto

Online symposium Wednesday, November11

* The time will be the next day

Opening Session	JST 9:00- CET 9:30-(JST 17:30-) EST 11:30- (JST *1:30-)	
Welcome Speech	Executive Director in charge of SIP / PRISM Council for Science, Technology and Innovation(CSTI), Cabinet Office	Akira Sudo
Keynote Speech	United States Department of Transportation	Diana Elizabeth Furchtgott-Roth
	European Commission	Patrick Child
	Program Director for SIP-adus	Seigo Kuzumaki

Regional Activities	JST 9:30- CET 10:00-(JST 18:00-) EST 12:00- (JST *2:00-)	
Moderator	Regional Activities Discussion for Level 4 Mobility Service Deployment	The University of Tokyo／Takashi Oguchi
Speaker	Challenge to establish sustainable mobility ecosystem -Academic collaboration and practice-	The University of Tokyo／Yoshihiro Suda
	Long term pilot deployment for automated driving bus operation at Kashiwa-no-ha area	The University of Tokyo／Keisuke Shimono
	SAM PROJECT SAFETY & ACCEPTABILITY OF AUTOMATED MOBILITY	VEDECOM／Nadege Faul
	The SHOW project in a nutshell	UITP-Int'l Association of Public Transport／Henriette Cornet
	A Snapshot on Automated Mobility Policies	Austria Tech／Martin Russ
	Automated Driving in Germany German Test Beds and UNICARagil as a Flagship Project	RWTH Aachen University／Timo Woopen
	Deploying Automated Vehicles An Overview	HNTB／Jeffrey Arch
	USA Perspective: Automated Goods Movement	Richard Bishop Consulting／Richard Bishop
	Bringing autonomous shuttles into the real-world use in Japan : from operational perspective	BOLDLY／Momoko Hyodo
Moderator	Closing for Regional Activities session	The University of Tokyo／Takashi Oguchi

Service & Business Implementation	JST 12:15- CET 12:00-(JST 20:00-) EST 14:00- (JST *4:00-)	
Moderator	Service & Business Implementation	University of Tsukuba／Masayuki Kawamoto
Speaker	Automated shuttle service acceptance and business case effects	University of Florence／Alessandrini Adriano
	Toward Acceptable Social Distancing between Human and Mobility Systems	University of Tsukuba／Makoto Itoh
	Research on ADAS for people with visual field defects	RIKEN／Masayo Takahashi
	Autonomous Vehicles Programme in Singapore	LTA／Lam Wee Shann
Moderator	Closing for Service & Business Implementation session	Mitsubishi Research Institute／Yurie Toyama

Dynamic Map	JST 13:45- CET 13:30-(JST 21:30-) EST 15:30- (JST *5:30-)	
Moderator	Dynamic Map - introduction of the session -	The University of Tokyo／Satoru Nakajo
Speaker	Dynamic Map Platform Co., Ltd.Current Initiatives and Future Developments	Dynamic Map Platform Co., Ltd.／Hiroyuki Inahata
	Status report of FOTs in the Tokyo Waterfront area	Mitsubishi Electric Corporation／Yoshiaki Tsuda
	OADF activities	OADF／Matthias Unbehaun
	ADASIS and SENSORIS	ERTICO／Jean-Charles Pandazis
Moderator	Dynamic Map Closing	The University of Tokyo／Satoru Nakajo

Connected Vehicles	JST 15:15- CET 15:00-(JST 23:00-) EST 17:00- (JST *7:00-)	
Moderator	Opening for Connected Vehicles session	Mazda Motor Corporation／Norifumi Ogawa
Speaker	French and Europe V2X communication progresses	Renault／Christian Rousseau
	United States V2X Status: Spectrum and Technology	Toyota Motor North America, Inc.／John Kenney
	U.S. DOT Cooperative Driving Automation Research	USDOT／Kevin Dopart
	Automated Driving Society in MIC	Ministry of Internal Affairs and Communications／Shinichiro Ebara
	Provision of Signal Phase and Timing (SPaT) information using cloud and other technologies (V2N)	NIPPON SIGNAL CO., LTD.／Yoshinori Aoki
	The use case for Cooperative Driving Automation	Mazda Motor Corporation／Norifumi Ogawa
Moderator	Closing for Closing session	Mazda Motor Corporation／Norifumi Ogawa

Online symposium Thursday, November12

* The time will be the next day

Japanese Government	JST 9:30- CET 11:00-(JST 19:00-) EST 14:00- (JST *4:00-)
Public-Private ITS Initiative / Roadmaps 2020	Cabinet Secretariat／Junji Kikushima
Police Efforts toward Realization of Automated Driving	National Police Agency／Masahide Hatakeyama
Initiatives for a Automated Driving Society in MIC	Ministry of Internal Affairs and Communications／Hirokazu Igarashi
“Progress report on efforts to support the development of autonomous driving technologies and create adequate policies version 4.0.” Compiled by the Subcommittee on Business Discussions on Autonomous Driving Technologies	Ministry of Economy, Trade and Industry／Kenji Ueki
Automated driving services in rural areas	Ministry of Land, Infrastructure, Transport and Tourism／Masahiro Nishikawa
Efforts of Road Transport Bureau, MLIT For the Realization of Automated Driving	Ministry of Land, Infrastructure, Transport and Tourism／Yoshitaka Tada

Safety Assurance	JST 10:45- CET 12:15-(JST 20:15-) EST 15:15- (JST *5:15-)
Moderator	Safety Assurance Session [Intro] TOYOTA MOTOR CORPORATION／Satoshi Taniguchi
Speaker	Over-the-air vehicle-in-the-loop testing for safety assurance of automotive radar Ilmenau University of Technology (VIVALDI)／Hein Matthias
	Senses for Safety Driver assistance systems help save lives Automated Driving and the need for Virtual Validation Continental／Frank Gruson
	Towards Homologation of Sensors, Sensor Fusion and Automated Driving Function: the Role of high fidelity Environment Modeling Hochschule Kempten University of Applied Sciences／Stefan Schneider
	Safety assurance of automated driving systems. Raising the level of ambition Joint Research Center(European Commission)／Biagio Ciuffo
	Measurable Safety – A Metric Driven Approach for Safety Assessment And Rating of Avs CDV – Coverage Driven verification FORETELLIX(ASAM, VMAD)／Gil Amid
	V&V Methods - PEGASUS Family first Results Bosch(SetLv4to5)／Roland Galbas
	Driving Intelligence Validation Platform Kanagawa Institute of Technology／Hideo Inoue
Moderator	Safety Assurance Session [Outro] TOYOTA MOTOR CORPORATION／Satoshi Taniguchi

Cybersecurity	JST 13:30- CET 14:15-(JST 22:15-) EST 17:15- (JST *7:15-)
Moderator	Cybersecurity J-Auto-ISAC / TOYOTA MOTOR CORPORATION／Shigeru Uehara
Speaker	IDS Overview and Approach Deloitte GmbH／Nishant Khadria
	Seeing The Complete Picture Cyber Attack Detection for Connected Vehicles PwC Consulting LLC／Robert Shein
	Cybersecurity Regulation and standard ～ Requirements to IDS ～ JAMA／Shigeyuki Kawana
	How to Support Mastering Intrusion Detection System Yokohama National University／Tsutomu Matsumoto
Moderator	Closing for Cybersecurity session J-Auto-ISAC / TOYOTA MOTOR CORPORATION／Shigeru Uehara

Human Factors	JST 15:15- CET 16:00-(JST *0:00-) EST 19:00- (JST *9:00-)
Moderator	Human Factors National Institute of Advanced Industrial Science and Technology (AIST)／Satoshi Kitazaki
Speaker	Human Factors in International Regulations of Automated Driving Systems University of Leeds／Oliver Carsten
	The Eyes have it Thatcham Research／Matthew Avery
	ISO/TC22/SC39/WG8 TS5283 Ergonomic aspects of driver monitoring and system interventions in the context of automated driving National Institute of Advanced Industrial Science and Technology (AIST)／Satoshi Kitazaki
Moderator	Closing for Human Factors session National Institute of Advanced Industrial Science and Technology (AIST)／Satoshi Kitazaki

Impact Assessment	JST 16:30- CET 17:15-(JST *1:15-) EST 20:15- (JST *10:15-)
Moderator	Impact Assessment The University of Tokyo／Takashi Oguchi
Speaker	Social Acceptance of Automated Driving in Germany and Japan Conceptual Issues and Empirical Insights Karlsruhe Institute of Technology (KIT)／Torsten Fleischer
	Social Acceptance of Automated Driving in Germany and Japan Conceptual Issues and Empirical Insights University of Tsukuba／Ayako Taniguchi
	Social Acceptance of Automated Driving in Germany and Japan Conceptual Issues and Empirical Insights Kyoto University／Satoshi Nakao
	Social Acceptance of Automated Driving in Germany and Japan Conceptual Issues and Empirical Insights Tokyo University of Science／Kosuke Tanaka
	Analysis of automated driving diffusion : Consumers’ willingness-to-pay in Japan Doshisha University／Hiroaki Miyoshi
	Analysis of automated driving diffusion: Potential diffusion paths into the German Market German Aerospace Center (DLR)／Christine Eisenmann
	Automated Driving on the Path toward Enlightenment Delft University of Technology／Bart van Arem
Moderator	Closing for Impact Assessment session The University of Tokyo／Takashi Oguchi

Closing	JST 18:00- CET 18:45-(JST *2:45-) EST 21:45- (JST *11:45-)
Closing for SIP-adus2020	Cabinet Office　Yasuyuki Koga