

Day 1

EU-Japan GNSS Mission: EU-Japan Cooperation Towards Tokyo 2020: Tapping into the Potential of GNSS Application

Date and Time	Tuesday, 7 th March 2017 from 09h30 – 15h00
Co-organised by	National Space Policy Secretariat, Cabinet Office / DG GROW, European Commission / The European Global Navigation Satellite Systems Agency (GSA) EU-Japan Centre for Industrial Cooperation / Geo-Spatial and Space Technology Consortium for Innovative Social Services (GESTISS)

Overview

Galileo has started the initial service in December 2016. Additionally, Japan is scheduled to a 4-satellite constellation by 2018 and a 7-satellite constellation by 2023.

The Tokyo 2020 games are one of the best opportunities to demonstrate applications for GNSS downstream sectors and there are some potential areas of cooperation between the EU and Japan. In this seminar, there will be presentations of updates on Galileo and QZSS and their services. Also introduced will be the applications for GNSS which were showcased in the London Olympics, and achievable applications towards Tokyo 2020. The panel discussions will cover the strength and issues of EU-Japan Collaboration and the roles of industry-government-academia.

The target audience will be businesses based and operating in the Japanese market, academia and stakeholders interested in cooperation with the EU in the GNSS user segment.

Programme

MC: Dr. Fabrizio Mura, Deputy General Manager, EU-Japan Centre for Industrial Cooperation

9:30 – 9:35	Opening Remarks: Mr. Hiromichi Moriyama, Executive Director, National Space Policy Secretariat, Cabinet Office, The Government of Japan
Keynote Speech	
9:35 – 9:55	Ms Fiammetta Diani, Deputy Head of Market Development Department, European GNSS Agency
9:55 – 10:15	“Multi GNSS world” Dr. Satoshi Kogure, Director of QZSS Development, National Space Policy Secretariat, Cabinet Office, The Government of Japan
Tokyo Olympics and Paralympics: Introduction to GNSS Application	
10:15 – 10:30	“Case Study: GNSS Application in Japan” Mr. Masanori Tsuruda, Director, Space Industry Office, Manufacturing Industries

	Bureau, Ministry of Economy, Trade and Industry
10:30 – 10:45	<p>“High-accuracy Indoor Positioning Project - Providing assistance for everyone to avoid stress to travel”</p> <p>Mr. Naoya Aoto, Director, National Land Information Division, National Spatial Planning and Regional Policy Bureau, Ministry of Land, Infrastructure, Transport and Tourism</p>
10:45 – 11:00	<p>“Use of ‘Big Data’- London 2012 Olympics, subsequent developments and Opportunities for Tokyo 2020”</p> <p>Ms Yoshie Muramatsu, Senior Consultant, Arup</p>
11:00 – 11:15	Coffee Break
11:15 – 11:30	<p>“Control Your Sky”</p> <p>Mr. Thierry Torlotin, Chief Mobility Solutions, Syntony</p>
11:30 – 11:45	<p>“GNSS Application in Japan”</p> <p>Mr. Katsumi Nemoto, Chairman of Environment-Automobile Materials Committee / President and CEO, Sakai Kotsu</p>
11:45 – 12:00	<p>“Protecting GNSS services in Europe and beyond”</p> <p>Mr. Mark Dumville, CEO, NSL</p>
12:00 – 13:00	Lunch Break
13:00 – 13:15	<p>“GNSS x Sports”</p> <p>Mr. Jun Sudo, Analyst, Sungoliath Suntory</p>
13:15 – 13:30	<p>“GNSS Utilisation in Sports”</p> <p>Mr. Kenji Sakamoto, Manager, ASICS Corporation Institute of Sport Science</p>
13:30 – 13:45	<p>“Performance Analytics for Teams”</p> <p>Mr. Jelle Reichert, Founder, JOHAN Sports</p>
13:45 – 14:00	<p>“ITS for Smart Cities and Big Events”</p> <p>Mr. Jacob Bangsgaard, CEO, European Road Transport Telematics Information Coordination Organization (ERTICO)</p>
Panel Discussion:	
“Strength and Issues of EU-Japan Collaboration: The Role of Industry/Government/Academia”	
14:00 – 15:00	<p>Moderator: Prof. Naohiko Kohtake, Associate Professor, Graduate School of SDM, Keio University</p> <p>Panelists:</p> <ul style="list-style-type: none"> - Ms Fiammetta Diani, Deputy Head of Market Development Department, European GNSS Agency - Dr. Satoshi Kogure, Director of QZSS Development, National Space Policy Secretariat, Cabinet Office, The Government of Japan - Ms Yoshie Muramatsu, Senior Consultant, Arup

Day 2

EU-Japan GNSS Mission: The 2nd EU-Japan Satellite Positioning Public-Private Roundtable

Date and Time	Wednesday, 8 th March 2017 from 09h30 to 19h10 (19h10 - networking reception)
Co-organised by	National Space Policy Secretariat, Cabinet Office DG GROW, European Commission
Supported by	The European Global Navigation Satellite Systems Agency (GSA) EU-Japan Centre for Industrial Cooperation

MC: Dr. Fabrizio Mura, Deputy General Manager, EU-Japan Centre for Industrial Cooperation

9:30 – 9:35	Welcoming Remarks by Mr. Viorel Isticioaia-Budura Ambassador of the European Union to Japan, Head of the Delegation
Cooperation Arrangement Signing Ceremony	
9:35 – 9:45	Opening Remarks by - Mr. Shuzo Takada, Director-General, National Space Policy Secretariat, Cabinet Office, The Government of Japan - Mr. Pierre Delsaux, DG GROW, Deputy Director-General, European Commission
9:45 – 10:00	Cooperation Arrangement Signing
10:00 – 10:20	“Project Overview of the Quasi-Zenith Satellite System” Mr. Hiromichi Moriyama, Executive Director, National Space Policy Secretariat, Cabinet Office, The Government of Japan
10:20 - 10:40	“GALILEO & EGNOS Programme Update” Mr. Christoph Kautz, Deputy Head of Unit, Galileo and EGNOS – Applications, Security, International Relations, European Commission
EU-Japan Satellite Positioning Public-Private Roundtable	
Sectoral Sessions	
Automotive Session	
Moderated by Ms Fiammetta Diani, Deputy Head of Market Development Department, European GNSS Agency	
10:40 – 10:55	“Evaluation of GNSS for the realization of the Autonomous Car” Mr. Mikihiro Hosoi, General Manager, Aisan Technology / Mr. Akiyoshi Komine, the Chief of the System Development Department, Aisan Technology

10:55 – 11:10	“Expectation for high precise positioning by MADOCA” Mr. Yoshifumi Kato, Executive Director, DENSO
11:10 – 11:20	Coffee Break
11:20 – 11:35	“GNSS one key enabler for Autonomous Driving” Mr. Francois Fischer, Senior Manager Innovation and Development, European Road Transport Telematics Information Coordination Organization (ERTICO)
11:35 – 11:50	“Localisation Systems for Intelligent Vehicles: Needs and Challenges” Mr. Javier Ibanez-Guzman, Technical Manager, Autonomous Vehicles, Renault
11:50 – 12:05	“GNSS in Autonomous Vehicles” Mr. Evaldo Bruci, Positioning & Maps Engineer, T.I. – Automated Driving Technologies, Magneti Marelli
12:05 – 12:20	“FICOSA & ESCAPE” Mr. Ramiro Quintero, Product Engineering Director, FICOSA
12:20 – 13:00	Panel discussion
13:00 – 14:00	Lunch Break
Agriculture / Construction Session	
Moderated by Dr. Satoshi Kogure, Director of QZSS Development, National Space Policy Secretariat, Cabinet Office, The Government of Japan	
14:00 – 14:15	“Utilize GNSS in Agriculture” Mr. Kouki Ono, General Manager, Advanced Technology Engineering Department, Iseki
14:15 – 14:30	“GNSS Utilization for Mining and Construction Machine” Mr. Toshihiko Kouda, Deputy General Manager, ICT Development Center, Development Division, Komatsu
14:30 – 14:45	“Agriculture 4.0 needs GNSS data for an Economical and Sustainable Agriculture” Mr. Klaus-Herbert Rolf, Government Affairs Manager, 365FarmNet
14:45 – 15:00	Q&A Session
Railway Session	
Moderated by Dr. Hideo Nakamura, Research Professor, Department of Computer Engineering, College of Science and Technology, Nihon University	
15:00 – 15:15	“Efforts towards the formulation of "Guidelines for utilization of GNSS in railways” Ms Nozomi Kudo, Senior Researcher, National Traffic Safety and Environment Laboratory Traffic System Department, National Agency for Automobile and

	Land Transport Technology
15:15 – 15:30	"GNSS Utilisation in the East Japan Railway Company" Mr. Takashi Kawano, Railway Operations Headquarters, Electrical & Signal Network System Department, Signalling System Management Center, Deputy General Manager (MIRSE), East Japan Railway Company/Mr. Mitsuaki Kobayashi, General Manager, ICT Business Dept, JR East Consultants Company (JRC)
15:30 – 15:45	"GNSS for ERTMS Train Control System: ERSAT EAV & RHINOS projects showcases" Mr. Francesco Rispoli, Manager Satellite Technology Ansaldo STS / Director General RADIOLABS Consortium
15:45 – 16:00	Q&A Session
16:00 – 16:15	Break
Maritime Session	
Moderated by Ms Fiammetta Diani, Deputy Head of Market Development Department, European GNSS Agency	
16:15 – 16:30	"Development of USVs and agenda of their practical use in Japan" Dr. Hiroshi Yoshida, Marine Technology Development Department Director, Marine Technology and Engineering Center (MARITEC), Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
16:30 – 16:45	"Journey towards Autonomous Ships in the Ship Intelligence Era" Mr. Esa Jokioinen, Head of Blue Ocean Team - Engineering & Technology, Rolls-Royce Marine
16:45 – 17:00	"World's First Test Range for Autonomous Vessels" Mr. Stig Erik Christiansen, Kongsberg Seatex
17:00 – 17:15	Q&A Session
GNSS Technology (Receiver and Mapping) Session	
Moderated by Ms Fiammetta Diani, Deputy Head of Market Development Department, European GNSS Agency	
<Mapping Technology>	
17:15 – 17:30	"What's DMP "Remodeling of the Earth" Mr. Tsutomu Nakajima, President, Dynamic Map Planning
17:30 – 17:45	"Making sense of the world through the lense of location" Mr. Florian J. Künne, Vice President Sales Connected Driving APAC, HERE

<Receiver Technology>	
17:45 – 18:00	<p>“MSJ Company Overview and Tech Information”</p> <p>Mr. Nobuhiko Kishimoto, President & CEO, Magellan Systems Japan</p>
18:00 – 18:15	<p>“Dependable Positioning for Demanding Applications”</p> <p>Mr. Alain Suskind, R&D Director, Septentrio</p>
18:15 – 18:30	<p>“STM GNSS Positioning offer”</p> <p>Mr. Giuseppe Privitera, GNSS Positioning Marketing, STMicro</p>
18:30 – 18:45	<p>“u-blox GNSS roadmap”</p> <p>Mr. Minoru Okuda, Senior Team Leader Business Development, u-blox Japan</p>
18:45 – 19:00	<p>“Integration of GNSS for Safety-Critical Applications of Automated Driving - The NAVENTIK Software-Defined Receiver”</p> <p>Mr. Robin Streiter, NAVENTIK</p>
19:00 – 19:10	<p>Closing Remarks by</p> <p>Mr. Hiromichi Moriyama, Executive Director, National Space Policy Secretariat, Cabinet Office, The Government of Japan</p> <p>Mr. Christoph Kautz, Deputy Head of Unit, Galileo and EGNOS – Applications, security, international relations, European Commission</p>
19:10 – 20:30	Networking Reception

Day 3 & 4: Company visits

Programme

Day 1: Tuesday, 7 th March	
9:30-15:00	Seminar: EU-Japan Cooperation Towards Tokyo 2020: Tapping into the Potential of GNSS Application
Day 2: Wednesday, 8 th March	
9:00-9:25	Meeting with Mr. Pierre Delsaux
9:30-19:10	The 2nd EU-Japan Satellite Positioning Public-Private Roundtable
Day 3: Thursday, 9 th March	
7:30 – 9:00	Bound for JR EAST from Tokyo Pick-up points (for details, please see attached Logistical Information Guide): 1) Depart at 7:15 from Hotel New Otani 2) Depart at 7:35 from Prince Park Tower Tokyo
9:00 – 11:00	JR EAST Research and Development Center site visit in Saitama city, Saitama
11:00 – 12:30	Bound for JAMSTEC
12:30 – 14:00	JAMSTEC site visit in Yokosuka city, Kanagawa
14:00 – 15:00	Bound for Mitsubishi Electric
15:00 – 17:00	Mitsubishi Electric site visit in Kamakura city, Kanagawa
17:00 – 19:30	Bound for Izu city, Shizuoka
19:30	Arrival in Izu city, Shizuoka Working Dinner Reception at the Hotel Takitei
Day 4: Friday, 10 th March	
11:30 – 12:30	Bound for Komatsu Technology Center from Izu city, Shizuoka *The Bus will depart the Hotel Takitei at 11h30.
12:30 – 15:00	Komatsu Technology Center site visit in Izu, Shizuoka
15:00 – 16:00	Bound for Nissan Motor
16:00 – 18:00	Nissan Motor Company site visit in Atsugi city, Kanagawa
18:00 – 19:30	Bound for Tokyo
19:30 – 21:00	Networking Reception in Tokyo