

Jupiter presents the European GNSS Village



Last 5th to 9th of October took place the 22nd version of the ITS World Congress in Bordeaux, France, where **Jupiter Project** featured the **European GNSS Village**, a 250m² exhibition area dedicated to showcase 20 Small and Medium Enterprises and 5 Local Authorities presenting innovative EGNSS-based solutions for the Intelligent Transportation Systems (ITS) Market.

These solutions covered a wide variety of topics, including: 1) Liability navigation & payment, 2) Traffic monitoring & transport management, 3) Smart city and transportation systems optimization, 4) Logistics & freight operations, 5) Mobility as a service and 6) Safety-critical solutions for autonomous & connected vehicles.

(See annex 1 for a complete list of topics and participants).

During this week, the SMEs and Local Authorities had the opportunity to present their solutions to a large range of public, including technical experts, general public, stakeholders, investors, a group of 10

international delegations from different organisations around the globe, including:

- Jinan Urban Transport Research Center of China
- National Traffic Safety Committee of Vietnam
- Stellenbosch University, South Africa
- Catholic University of Chile
- Association québécoise des transports (AQTr), Canada
- Egyptian Environmental Affairs Agency (EEAA), Egypt
- United Nations Development Programme in Riyadh, Saudi Arabia
- Public Transport Authority and Operator of Istanbul, Turkey
- University of Žilina, Slovakia
- EGNOS AFRICA Joint Programme Office (JPO)

Among other participants from the ITS sector worldwide.

Also, Business to Business meetings were organised in the Village between the SMEs and LAs and European strategic partners from transport industry, transport

organisers, and public local authorities in charge of transport and mobility, which helped to create synergies and open market opportunities for the SMEs.

To show the added value of EGNSS in the ITS sector a series of Demonstrations were performed, including:

- Thales Alenia Space, Telespazio France and Eclxys presenting the "Added Value of Galileo and EGNOS in a Multi-Constellation Receiver".
- Istituto Superiori Mario Boella (ISMB) demonstrating "Spoofing Attack Detection Exploiting Galileo Signal Authentication".
- Navocap IIDRE's GNSS-based ANGeo personal navigation device for visually impaired people.
- Nottingham Scientific Ltd. (NSL) Detector System covering the deployment of a series of GNSS interference and jammer detection systems within the road transport network.
- Université de Technologie de Belfort-Montbéliard (UTBM), Faar-Industry & Voxelia – X icars, a demonstration in which autonomous vehicles increase the capacity of the road network thanks to precise positioning (GPS, EGNOS and RTK) and communication with their surrounding environment.

In the frame of the event, two training sessions were held to promote the benefits of EGNSS technologies in the ITS sector. These sessions were dedicated to Administrators and Officers on the one hand, and to ITS Developers on the other. It was a great opportunity to share ideas and relevant aspects of the European GNSS and its efficiently use for the development of ITS Applications.

"The European GNSS Village was a unique opportunity for the JUPITER Project to demonstrate the many benefits of GNSS to key decision makers, public authorities and representatives of the global ITS industry," said Hanna-Kaisa Saari, Project Coordinator of JUPITER from Aerospace Valley. "Through these demonstrations and interactions, we were able to maximise the visibility and



competitiveness of European GNSS to the ITS sector."

The event is an important milestone of the project, since it generated awareness on the benefits of EGNSS technology in the ITS community, and opened market opportunities within this sector.

Two of the participating SMEs will be selected to demonstrate their innovative solution during the next ITS World Congress in Melbourne, Australia.

The **JUPITER Project** wants to thank all the participants who made the **European GNSS Village** a successful event.

Download the catalogue of the participants and their flagship solutions here:

<http://jupiter-egnss-its.eu/guide-of-participants/>



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Annex 1: List of topics and participants

	Topic	Organization
1	Liability navigation & payment	FDC M3 Systems
2	Traffic monitoring & transport management	Planetek Italia CA Grand Dax GReD
3	Smart city and transportation systems optimization	Kordis JMK Geoimagine Toulouse Metropole Voxelia
4	Logistics & freight operations	Nigiloc Ovinto NAIS Helileo PIE Mapping QraQon
5	Mobility as a service	SBOING Navocap Instant System PluService Barcelona City Council MOPEasy
6	Safety-critical solutions for autonomous & connected vehicles	EICAS Automazione Royal Borough of Greenwich OTC Engineering



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