



KYIV, UKRAINE – 9 MARCH 2016 –Implementation of EGNOS Based Approach Procedures in Ukraine Workshop, organized as a component of Project "UKRAINE" (UKraine Replication, Awareness and INnovation based on EGNSS, part of the EU Research and Innovation program Horizon 2020 – GALILEO-3-2014) is now open for registration.

Date: Wednesday, 16 March 2016

Time: Registration 9.30, Workshop 10.00 – 13.30

Venue: National Aviation University - Bldg. 1, 3rd floor meeting room, Kyiv, Ukraine

The official languages of the workshop are English and Ukrainian.

The objectives of the UKRAINE Project, in line with the GALILEO-3-2014 Call are to:

- Foster application development through international cooperation
- Promote a broad acceptance of EGNSS in Ukraine
- Create opportunities both for knowledge building and at the commercial level

One of the expected impacts of this project is preparation for the extension of EGNOS to the Ukrainian aviation market.

Workshop program:

NAU activities in UKRAINE Project to foster EGNSS implementation in aviation sphere in Ukraine – Volodymyr Kharchenko (NAU, Ukraine). The presentation will cover NAU's negotiation activities with primary Ukrainian aviation stakeholders regarding PBN implementation in Ukraine. It will also include an analysis of preliminary results on investigation of potential locations for RIMS installation within Ukraine.

Advantages of PBN implementation, experience, lessons learned – Santiago Soley (PildoLabs, Spain). The presentation will compare the generic PBN concept with practical examples of its implementation based on GNSS services, including an overview of innovative products and tools developed by PildoLabs.

GNSS interference monitoring - securing critical infrastructure for aviation – Sascha Bartl (TCA, Austria). The presentation will cover intentional GNSS interference in general as well as the specific problem of interference for critical infrastructure (e.g. airports) relying on GNSS. The method used for detection and localization of interferences will be described; this method is the first step toward mitigation of interference and maintaining normal operation during a jamming event. Included will be the results of a measurement campaign and a conclusion regarding the threat potential at Zhuliany airport.

LPV procedures - how to analyze the costs and benefits – Hans de With (Advies de With, Belgium).

Hans de With has a background in strategy and market development in innovative technologies such as European SBAS and GNSS (SatNav) in the aviation and maritime sectors. He piloted the development of a cost benefit analysis of EGNOS at the EU level for the European GNSS Agency. The presentation will examine the costs of installing an LPV procedure at an airport, as well as a method to quantify the benefits.

The progress of PBN implementation in Ukraine: general overview and challenges – Alina Zadorozhnyia (SAA, Ukraine).

The presentation will cover the national PBN implementation plan required by ICAO as part of the 36th and 37th resolutions of the Assembly, as described in "Implementation of PBN Strategy and Roadmap 2013-2025." The plan was developed by the taskforce established at the State Aviation Administration of Ukraine (SAAU) level and approved by SAAU in 2013, and now requires updating. The major challenges of PBN implementation in Ukraine will be assessed.

For more information, visit www.project-ukraine.eu.

About Project UKRAINE

UKraine Replication, Awareness and INnovation based on EGNSS

The UKRAINE project was established in January 2015 to capitalize on opportunities for partnerships created by the finalization of the EU-Ukraine Cooperation Agreement in the field of Global Navigation Satellite Systems (GNSS). It was created with the aim of strengthening Europe's position as a major space player with Galileo and EGNOS in the Ukrainian market of GNSS applications, by laying the groundwork for research and development as well as commercial alliances between existing entities. Achieving these objectives will create business opportunities in Ukraine for both national and European companies, as well as generating public benefits for the Ukrainian economy and public good.

Key components to the project are preparation of the Ukrainian aviation market to the extension of EGNOS, identification of legislative options to support the uptake of European GNSS, development of solutions for multimodal logistics and dangerous goods transport, and fostering commercial relationships between enterprises in both Ukraine and EU Member States.

This project received funding from the European GNSS Agency within the EU Research and Innovation program Horizon 2020 under the Grant Agreement No. 641517.