

Working Groups Terms of Reference

This document is a consultation document produced to explain the **terms of reference of the working groups** to be organised in the project, the Galileo Information Centre for Mexico, Central America and the Caribbean.

Working Groups are set up as a mean to address some of the ongoing activities and issues for the dissemination and use of EGNSS in Mexico, Central America and the Caribbean as part of the European Union funded Project Galileo Information Centre Mexico, Central America and the Caribbean (GIC). These Working groups are set up to:

- a) Enhance local awareness and understanding of the European GNSS (EGNSS) services.
- b) Facilitate local development of EGNSS-based services and applications, namely by identifying and fostering ways into which local opportunities, stakeholders and human talent may come together.
- c) Fostering closer contacts between entities involved in GNSS and facilitate alliances between EU and local counterparts both in industry and academy.

Objectives

The **main goals** to be achieved by these workshops are detailed hereafter:

- develop an exchange of best practices and a matchmaking group for EU and Mexico, Central America and Caribbean industries and stakeholders with interests in digitalisation and on space matters;
- foster closer contacts between entities involved in GNSS-related R&D;
- provide both European and local industries with a fertile forum for the formation of business alliances;
- support GNSS R&D consortia, building-up local stakeholders' expertise on Galileo and enabling contacts with EU industry, technology developers and the Academia for long-lasting cooperation;
- identify opportunities for Mexico, Central American and Caribbean organisations and companies for co-operation on EGNSS that could eventually lead to financeable projects through e.g. the EU Horizon Europe Research and Innovation programme or other funding mechanisms available in Mexico and in the region;
- identify additional potential alternative financial sources at country or regional level which could support cooperation on EGNSS.

Working Groups

Working Group 1 – Aviation and Drones

This WG aims at gathering stakeholders interested in the use of EGNSS for different aviation and drones related applications such as:

Manned aviation	Navigation
Drones	Precision agriculture
	Infrastructure monitoring
	Emergencies prevention and response (Security, SAR,...)

Table 1: Working Group1 Topics

Working Group 2 – Agriculture and geomatics

This WG aims at gathering stakeholders interested in the use of EGNSS for agriculture and geomatics applications, such as:

Agriculture	Machinery guidance/automatic steering
	Yield/land/sensors monitoring
	Livestock tracking and virtual fencing
Geomatics	Mapping and surveying (cadastral, cartography,...)

Table 2: Working Group2 Topics

Working Group 3 – Transport

This WG aims at gathering stakeholders interested in the use of EGNSS for applications in transport domains (mainly related to roads, automotive,...) such as:

Road	Navigation
	Fleet management
	Road traffic monitoring by satellite (RTMS)

Table 3: Working Group3 Topics

Requirements and planning

The working groups' working procedures are as follows:

- **Initiative:** Working Groups are proposed, managed and co-chaired by DG DEFIS and the GIC consortium.
- **Membership:** The working groups will be formed by members with an interest in innovating through the European GNSS (Galileo and EGNOS), and to increase cooperation with EU counterparts on these matters. Members are expected to disseminate knowledge on E-GNSS and foster the use of EGNSS-based applications and services in Mexico, Central America and the Caribbean through collaboration with EU stakeholders and entities.

Each Working group will have **15-30 participants**, covering all user chain of the specific thematic area (Institutional, Private Sector, Financial, Universities): EGNSS users (or potential users), users' associations, technology providers, financial organizations, policy makers, Universities, institutions, etc.

Working group participants will be selected and approved by DG DEFIS and by the GIC coordinator. The GIC coordinator, the chairpersons and any participant of each specific working group can propose new members at any time.

The participation is voluntary, and no emoluments nor payments will be charged to the GIC project.

- **Time frame and duration:** There is no limited time frame for Working Groups, but they will last at least until the end of the GIC EU project (January 2024).
- **Output:** The Working Groups will work towards the creation of concrete project proposals based on EGNSS, for the subject matters covered by each working group. All meetings will be recorded
- **Dissemination:** Working Group participants are encouraged to disseminate and promote their experiences in the meetings through social networks, mass media, blogs, circulation to stakeholders and relevant communities, Twitter campaigns, etc. Progress made by the Working Groups will be posted on the GIC Webpage.
- **Working methodology:** The Working Groups accomplish all their work virtually. They are overseen by the GIC coordinator and the chairs from the GIC team, with final approval of progress made and work accomplished by the European Commission (DEG DEFIS – project manager).
- **Budget:** There is no structural budget available for the participants of the Working Groups.
- **Communications:** Working Groups will use the GIC facilities, for free, to meet and perform the work, including an online management tool and a communication platform.

Each working group meeting will be organised in a roundtable. These sessions **will be held online and will last approximately an hour and a half**.

The preliminary agenda for these sessions (workshops) is included hereafter.

	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022
WG1	Sesion#1		Session#2			Session#3	
WG2	Sesion#1		Session#2			Session#3	
WG3	Sesion#1		Session#2			Session#3	

Table 4: Preliminary calendar

The proposed dates could vary, in order to adapt the sessions to the members availability.

The proposed topics for the different sessions could vary as well, adapted to the needs and interest shown by the working group members and outcomes obtained through the different interactions.

- Session#1: Kick-off meeting session / introduction to EGNSS and to applications
- Session#2: Session on access to finance
 - European funding opportunities
 - Regional/local funding opportunities
 - Basics to project development

The second session (session#2) may be organised jointly with the other Galileo Information Centres in Latin America.

- Session#3: Work session(s) towards a EGNSS-based project (work in progress before and during the session).