

UN-GGIM: EUROPE

Line of work on Geodetic Reference Frames – Concept Note

Background

Geodesy and geodetic networks play a crucial, but often invisible, role in the collection and management of geospatial information. There are many programmes and projects at national and international levels related to geodesy yet there is not a Regional Activity within UN-GGIM: Europe. This has been identified as a missing link between the technical organisations and UN-GGIM: Europe.

The UN Global Geodetic Centre of Excellence (UN-GGCE) is established and hosted by the Government of Germany, and this Community of Interest will provide support and activities to the Global Geodetic Centre of Excellence. The Community of Interest will provide a distinct forum to bring the perspective of UN-GGIM: Europe members and contribute to the overarching global discussions and activities.

Objectives

Provide support and actions that further the aims of the Global Geodetic Centre of Excellence which is established in Bonn, Europe;

Align and support the UN-GGIM Subcommittee on Geodesy's priorities for the Global Geodetic Reference Frame, and to translate them into actions relevant for UN-GGIM: Europe;

Act as a coordination body between technical and political level;

Focus on growing and sustaining the geodesy profession;

Provide support and input to the European Members States, as and when required.

Outputs

Propose activities linked to the GGRF Position Paper and the objectives of the Global Geodetic Centre of Excellence;

That the Global Geodetic Centre of Excellence has a wider pool of experts available to contribute to its work, and that European Members contribute where relevant;

The avoidance of duplication of effort – making sure that activities at the regional level support the global activities, and the outputs are transferrable in to UN-GGIM: Europe;

Development of a knowledge hub to support growing and sustaining the geodesy profession;

Providing regional use cases and examples to promote geodesy.

A network of contact points in different kinds of organizations (e.g. geodetic, defence, governmental) in the Member States of Europe.

Short- to Medium-term actions

- Define the structure and set up of a wiki working page
- Establish connection with recognised geodetic organisations (e.g. EUREF, EUPOS, EPOS)
- Respond to calls for action of the UN-GGCE and the SCoG

Timetable 2022 to 2024

The establishment of a solid foundation for the Community of Interest is expected to be done in a time-frame of about 2 years.

A contact point register is expected to be mature by end of 2024, with a first version mid-2024.

A work plan with specific long-term actions aligned with the work plan of UN-GGIM: Europe, GGCE and SCoG is expected to be delivered by mid-2024 in the form of a scoping paper.



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Participants (to be extended)

Function	Name	Country Code	Affiliation
Lead	Jeffrey Verbeurgt	BE	National Geographic Institute
ExCom lead			
Members	Anne Jorgensen	NO	Kartverket
	Hannu Koivula	FI	National Land Survey of Finland
	Johannes Bouman	DE	Federal Agency for Cartography and Geodesy BKG
	Hannes Frings	DE	Federal Agency for Cartography and Geodesy BKG
	Laila Lovhoiden	NO	Kartverket
	Lennard Huisman	NL	Kadaster
	Mark Greaves	UK	Ordnance Survey
	Martin Lidberg	SE	Lantmateriet
	Mikael Lilje	SE	Lantmateriet
	Panagiotis (Panos) Lolonis	GR	Ktimatologio (Hellenic Cadastre)
	Zuheir Altamimi	FR	Institut géographique national

