

UN-GGIM: Europe – keeping up with a changing landscape

Presentation of UN-GGIM: Europe Work Plan



UN-GGIM
EUROPE

UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Francisco Vala, Vice-Chair of ExCOM
UN-GGIM: Europe Plenary meeting, Brussels
13-14 October 2021



From a strategy to a work plan...

Vision & Mission Statement

Maximise the use of geospatial information in Europe for a safer and more sustainable world

Three Strategic Pillars

Sharing
Knowledge

Raising
Awareness

Strategic
Leadership

WORK PLAN

blueprint that facilitates the collaboration of European Member States, European Institutions and observer bodies to work together to progress key priorities that are relevant to the region



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It is a Circular Process...



Establishing the lines of work

IGIF | Integrated Geospatial Information Framework - Europe

GRF | Geodetic Reference Frames - Europe

Data Integration

SDG | Sustainable Development Goals

Data Strategy and Policy



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IGIF | Integrated Geospatial Information Framework - Europe

The IGIF has quickly become the 'umbrella framework' for the activities of UN-GGIM.

GGIM-11 demonstrated how many of the existing frameworks and global expert and working groups are considering how they relate to the IGIF.

This line of work should support the regional representatives on the HLG-IGIF, provide the views of the European Region as the IGIF matures, and consider activities which will benefit members of UN-GGIM: Europe.

Aim and expected outcomes

- Actively promote the IGIF as a tool and an evaluation system for MS, especially those that already have national frameworks in place.
- Support MS to develop their capabilities and build capacity in country especially enabling them to evaluate and assess the relevance of the IGIF.
- Provide feedback and support the regional representatives on the HLG-IGIF.

Related UN-GGIM Activities

- Integrated Geospatial Information Framework
Overarching Strategic Framework
Implementation Guide
- High-Level Group of the Integrated Geospatial Information Framework (HLG-IGIF)

GRF | Geodetic Reference Frames - Europe

Many MS have active geodetic programmes and projects at the national level. Many are also active at the Global Level through UN-GGIM and other multilateral organisations. Yet, there is not an active Regional focused activity within the UN-GGIM: Europe.

Attendees at the European Geodesy Forum (23 June 2021) articulated the need for the UN-GGIM: Europe region to contribute to the global efforts and it is important to consider, in this context, that the Global Geodetic Centre of Excellence will be established in Europe.

Aim and expected outcomes

- Provide support and actions that further the aims of the Global Geodetic Centre of Excellence which will be established in 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.

Related UN-GGIM Activities

- SCoG - Subcommittee on Geodesy
- European Geodesy Forum - Towards a sustainable Global Geodetic Reference Frame: European Contribution 23 June 2021
- Global Geodetic Centre of Excellence will be established in Europe (Bonn, Germany)

Data Integration

Data integration is a central issue in the current European landscape focus on data strategy.

The New EU Space Programme, with its initiatives like Copernicus and Galileo, will continue to enhance the contribution of Earth Observation to Europe's digital and green transitions priority policies.

Exploring EO data sources and how they can be integrated with other data is a topic being addressed also within the European Statistical System (MoU) and the ESS is also aiming to develop strategy on the integration of geospatial data and statistics

Aim and expected outcomes

- Maintain the active contribution on data methods and on showcasing the added value of integrating geospatial data with other data, and further exploring requirements and practices on the use and integration of EO data.
- Explore ways to contribute and support activities promoting geospatial and statistical data integration, including reinforcing the involvement of the EO community.

Related UN-GGIM Activities

- Expert Group on the Integration of Statistical and Geospatial Information
- Current UN-GGIM: Europe WG on Data Integration

SDG | Sustainable Development Goals

Sustainable development will continue to mark the global agenda and, as 2030 approaches, measuring progress towards the SDGs will become increasingly relevant, with geospatial data playing an important role to provide context and deliver data to operationalize indicators.

The contribution of geospatial information has been highlighted by recent developments – the publication of the ‘SDGs Geospatial Roadmap’, the recently launched ‘Data Alliance’ and, within the IAEG-SDG WG GI. the focus on providing guidance to the statistical community on the use of EO.

Aim and expected outcomes

- Maintain the active contribution of UN-GGIM: Europe on showcasing the added value of integrating geospatial data with other data to address SDG indicators.
- Further exploring requirements and practices on the use and integration of Earth Observation data, maintaining a close articulation with the IAEG-SDG WG GI.

Related UN-GGIM Activities

- Geospatial Information for Sustainable Development
- Current UN-GGIM: Europe WG on Data Integration

Data Strategy and Policy

Policies that support open public sector data, common data spaces, data governance, ethical use of artificial intelligence, and concepts towards a geospatially enabled 'knowledge infrastructure' have an impact on data.

In Europe, the political programmes and the European Green Deal establish a green transformation in the light on the UN SDGs. The European data strategy, and its proposed Regulation on European data governance, has the ambition of a 'society empowered by data', anchoring data as the basis for better decision making. While the European Union is a subset of the region covered by UN-GGIM: Europe, its data policies and legislation have a broader regional impact.

Aim and expected outcomes

- To contribute to the development of relevant policy and data strategies regarding the management and use of geospatial data to maximise its value in addressing the challenges of a green, sustainable and digital Europe.
- Understand the linkages of European policy with the IGIF.

Related UN-GGIM Activities

- IGIF Strategic pathways on:
 - Policy and Legal
 - Data
 - Standard
- Working Group on Policy and Legal Frameworks for Geospatial Information Management

Putting the lines of work into practice...

A line of work does not necessarily translates into a Regional Working Group

The rationale and aims supporting the lines of work can be achieved by:

*Revising
existing
Regional
WGs*

*Establishing
new
Regional
WGs*

*Defining
strategic
project
teams*

*Networks
Communities
of interest
...*



Putting the lines of work into practice...

Regional Working Groups

- can be established to accomplish one or more specific goals of UN-GGIM: Europe
- have been operating based on defined ToR, the nomination of a Chair, which can appoint coordinators for key activities
- activities are expected to be developed over an extended period of time encompassing a wide participation of Member States and observers

Strategic Project Teams

- can be established to deal with strategic and targeted actions, not being directly addressed by the Regional WG,
- are expected to function for a shorter and more limited period of time under the scope of a mandate defining the time frame, activities and expected outcomes
- a coordinator, responsible for operationalizing the mandate, would be appointed, reporting to the ExCOM



Member States and observers are encouraged to express their interest in participating in the lines of work

Let's start putting the work plan into practice in the breakout sessions!



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