

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

Report from UN-GGIM: Europe Working Group on Data Integration



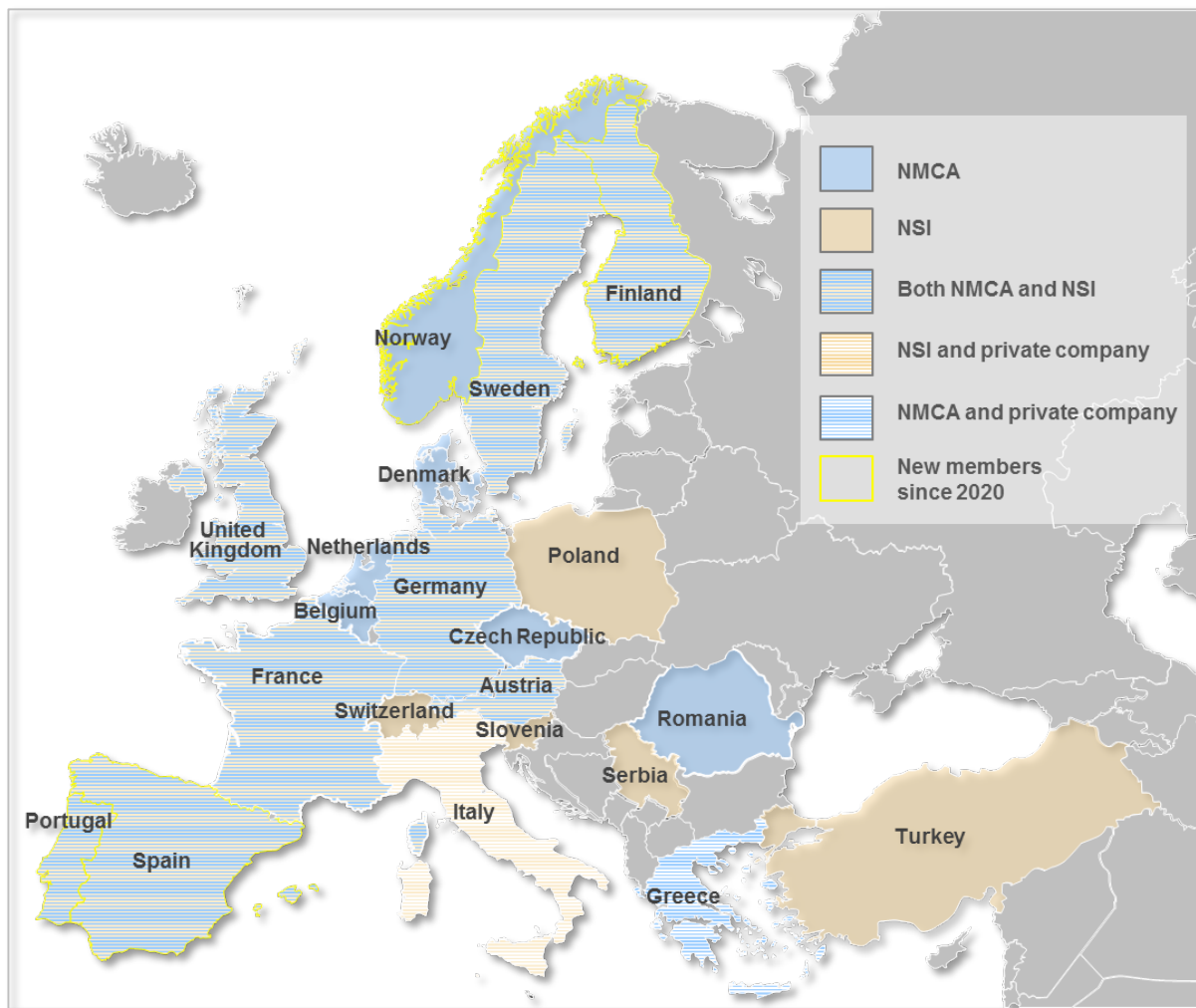
UN-GGIM
EUROPE

UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Pier-Giorgio Zaccheddu, BKG, Germany
UN-GGIM: Europe Plenary meeting, Brussels
13-14 October 2021



Working Group on Data Integration – distribution across Europe



- 25-30 members from Member States affiliated to geospatial and statistical agencies
- Private companies
- Observer organisations, like Eurostat, JRC, EEA, University of Bonn



Work Plan 2019-2022

Task 1

Analysing further SDG indicators
→ Subgroup I, led by NSI Portugal

Task 2

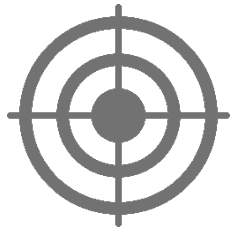
Analysing future trends in data integration (methods)
→ Subgroup II, led by NMCA Belgium & Austria

Task 3

Advisory group for data integration issues

Task 1

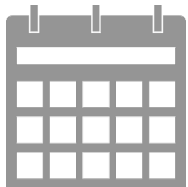
Lead: Statistics Portugal (INE)



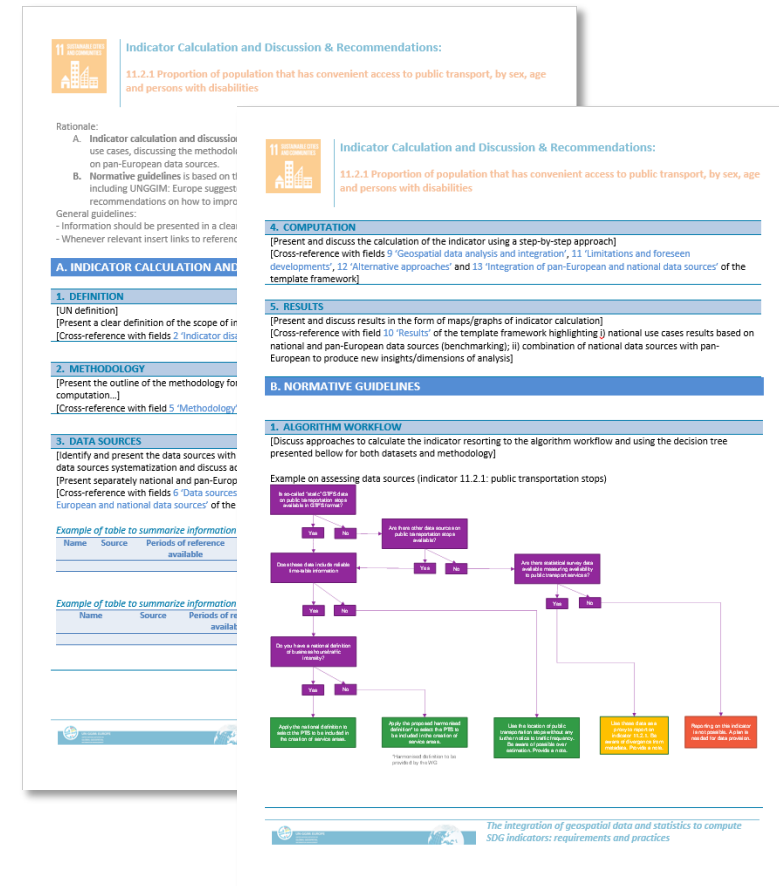
- Provide **methodological, operational and technical guidance** in the use of geospatial data and statistics to compute SDG indicators
- Take into account **European and national perspective**
- **Reduce statistical burden** and increase the level of detail of SDG indicators



- **Analyze SDG indicators 11.2.1, 11.3.1, 15.1.1 and 15.3.1**
- Compile and review **solutions**
- **Summarize the outcomes for guidance**
- Consider the production of a **flyer/leaflets**

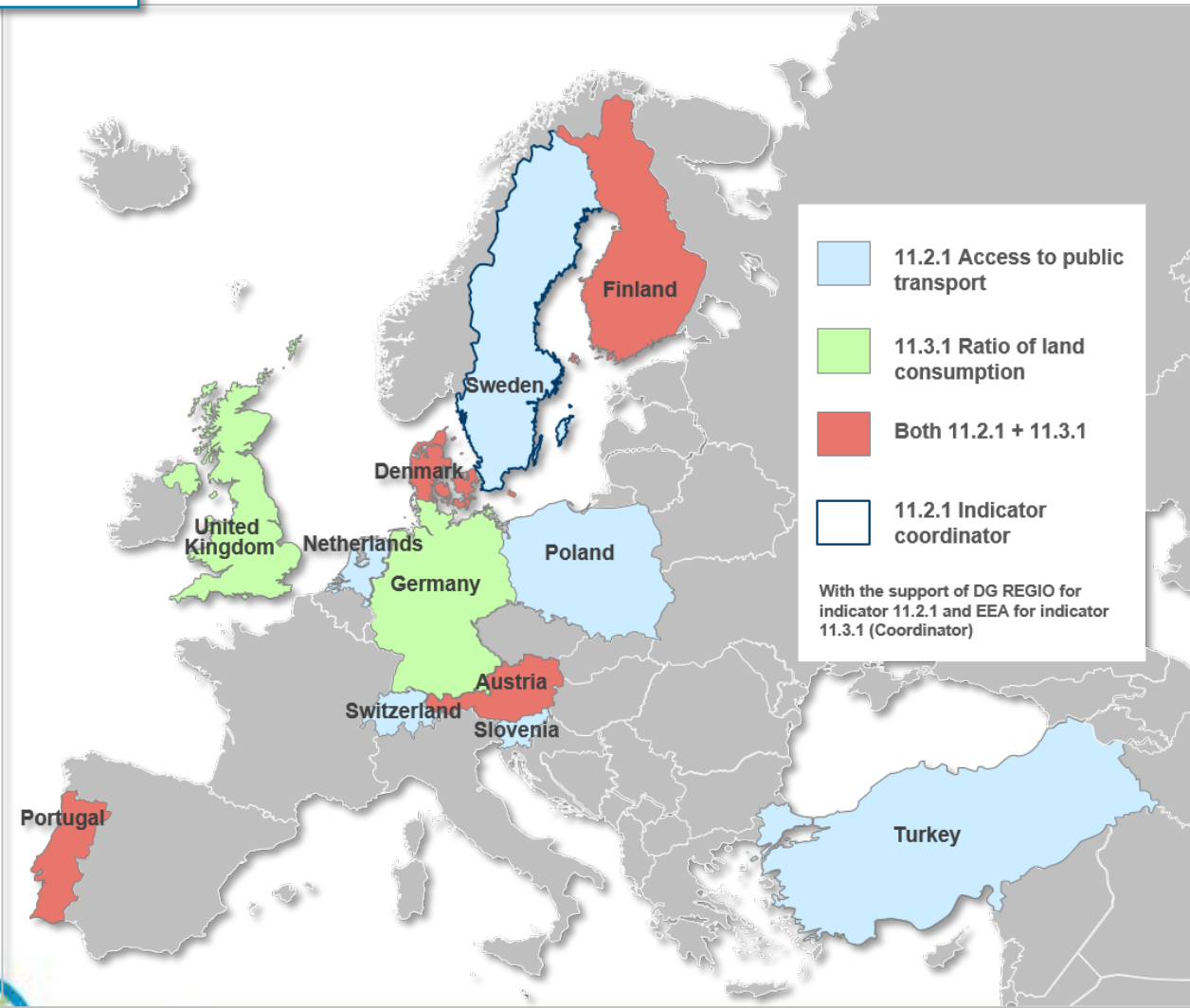


- **All tasks according to Workplan**
- **Deliverable** on SDG analysis with outcomes and findings to be finalized **until 31 December 2021, published in early 2022**



Task 1

Contribution to Indicator 11.2.1 & 11.3.1

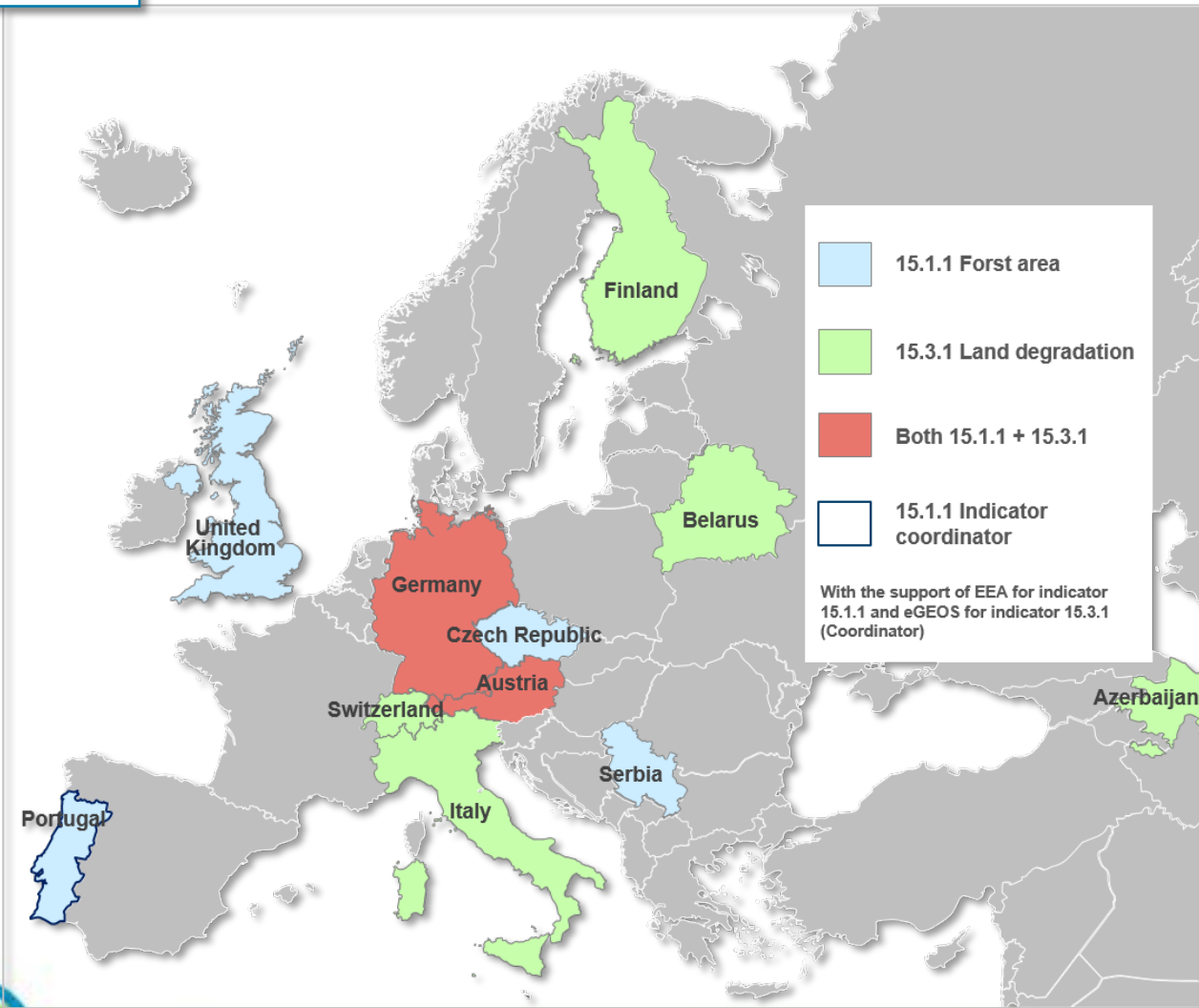


- Input from EEA
- Evaluation and assessment in 2021
- Templates for normative guidance on indicator calculation and recommendations to be completed in 2021
- Deliverable
Provision of operational and technical guidance
end of 2021/early 2022



Task 1

Contribution to Indicator 15.1.1 & 15.3.1

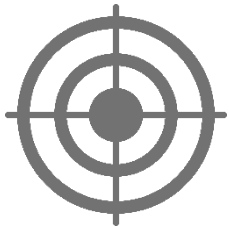


- Input from EEA
- Evaluation and assessment in 2021
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Task 2 Data Integration Methods (Subgroup II)

Lead: NMCA's Belgium & Austria



- Analysis of **data integration methods** used across Europe like “Linked Data” or “geocoding”.
- Investigate on **impact assessment** at economic and organization level



- Evaluate links to the **GSGF and GSGF-Europe** and connect with **GEOSTAT-4**
- Collect **national best practice examples** for data integration
- Describe methods in the **context of the European strategies and developments** (Data spaces, Geospatial Knowledge Infrastructure)



- **All tasks according to Workplan**
- **Deliverable** on data integration methods for senior adviser/managers to be ready for the Plenary in autumn 2021
- Derive a **brochure/leaflet dedicated to policy makers** is still under discussion → maybe available in 2022

MS Example Assessment



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Task 2 Data Integration Methods (Subgroup II) - Recommendations

Data Integration Methods
Analysis of future trends in geospatial data capture, creation, maintenance and management and recommendations for amplified use of good practices
UN-GGIM: Europe Working Group on Data Integration
Version 0.9
2021-09-30

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- Define and implement valid **Persistent Identifier (PID)**
- Agree upon **common definitions** and enforcement of **fundamental geographies** and **linked data**
- Make geospatial and statistical data interoperable, simple, and of **good quality**
- Develop and implement sustainable and **automated data integration processes**
- Develop and implement **standardized Open APIs** for a smart geospatial data provision
- Invest resources and capacity building into a cross-domain '**Geospatial knowledge infrastructure (GKI)**'
- Modernize the current National Spatial Data Infrastructures towards GKIs



What are the tasks of the UN-GGIM: Europe Working Group on Data Integration for 2019-2022?

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→ Subgroup I, led by NSI Portugal

Task 2

Analysing future trends in data integration (methods)
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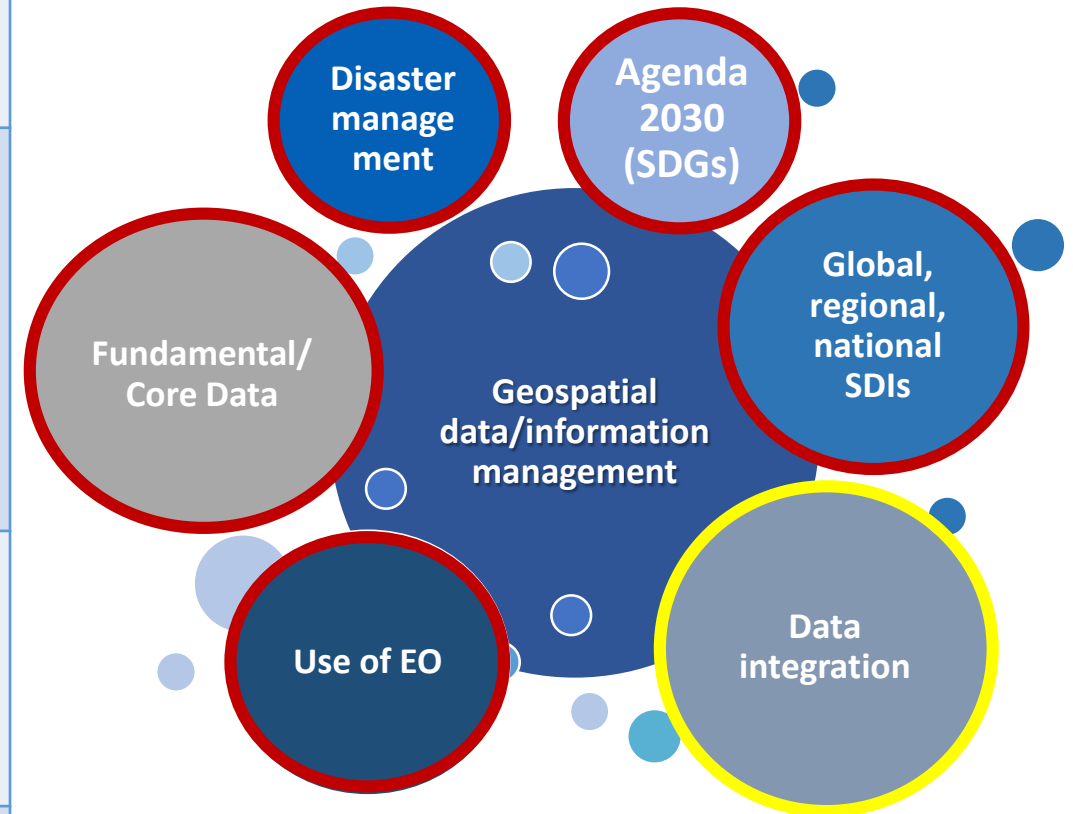
Task 3

Advisory Group for data integration issues



Task 3 Working Group as “Advisory Group” – a thematic view...

Level	Stakeholder	Topics (keywords)
Global	UN-GGIM, StatCom (→ UN EG ISGI), UN DRR, Group on Earth Observation (GEO), (UN) IAEG SDG, ...	IGIF (GSGF), Sendai, SDGs,...
Europe	UN-GGIM: Europe, Eurostat (GEOSTAT-4) Other EC-DG, EEA,... UNECE, EuroGeographics, ...	GKI/Data spaces, INSPIRE, Copernicus/ EuroGEO,...
National	NSOs, NMCAAs,...	National SDIs,...



→ Many stakeholders and activities! It’s hard to “keep on track”...



UN-GGIM:Europe & EuroGEO - What can be done together?

- Establish a **regular exchange on activities** between the EC unit responsible for EuroGEO and with UN-GGIM: Europe Executive Committee / Secretariat
- Continue to participate at and provide information through **workshops, conferences and plenary sessions**
 - A good start: EuroGEO Workshop 20-23 September 2021
& UN-GGIM: Europe Plenary on 13-14 October 2021!
- ... other ideas?

→ Find synergies, avoid duplication of work!



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What comes next? Towards the Work Plan 2021-2024

- UN-GGIM: Europe Strategy to be presented by David Henderson
- UN-GGIM: Europe Work Plan to be presented by Francisco Vala
- Conclude the tasks of the current Work Plan 2019-2022 in time
- Contribute to the new Work Plan 2021-2024 as much as possible



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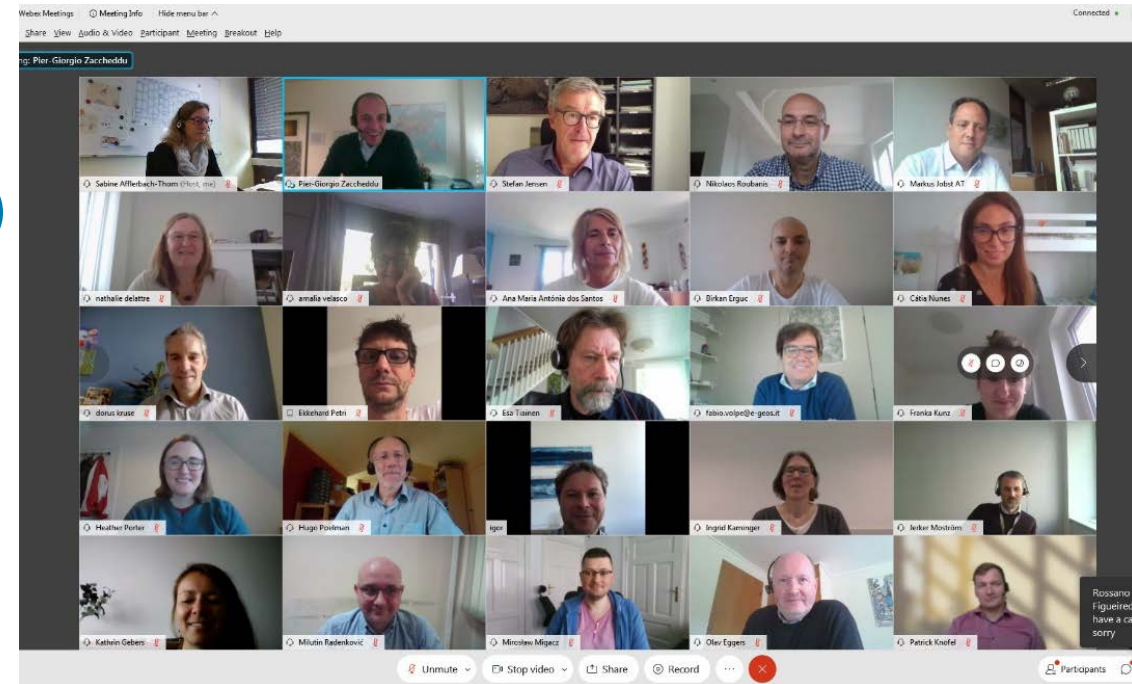
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Questions?

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<https://un-ggim-europe.org/>



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