

Community of Interest on Geodetic Reference Frames



UN-GGIM
EUROPE

UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

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4th plenary meeting of the Subcommittee on Geodesy

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Outline

- Introducing GRF Europe
 - European geodetic landscape
 - European Geodesy Forum 2021
 - UN-GGIM: Europe – 2022-2025 Work Plan
- Initial objectives
- Roadmap 2022-2025
 - Administrative roadmap 2022-2025
 - First discussion round
 - Concrete achievements



European geodetic landscape

- EUREF: IAG Reference Frame Sub-Commission for Europe
 - definition, realization and maintenance of the European Reference Frame
- EuroGeographics: consortium of National Mapping Agencies
- EUPOS: European Position Determination System
- EPOS: European Plate Observing System
- ...



European Geodesy Forum 2021

Global geodesy forum (April '21) -> European Geodesy Forum (June '21):

- Articulated need for a European Community of Interest
- 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
- Representing and supporting regional (European) interests at UN-GGIM



UN-GGIM: Europe

- 2021: renewed strategy outlining the mission of UN-GGIM: Europe
 - Maximise the use of geospatial information in Europe for a safer and more sustainable world.
- Five key priority areas:
 - Integrated Geospatial Information Framework
 - Sustainable Development Goals
 - Data Integration
 - Data Strategy and Policy
 - Geodetic Reference Frames



UN-GGIM: Europe

- 2022: survey of the Strategy Project Team
 - 66 responses of 37 Member States (33 mapping agencies, 21 statistical agencies, academia, regional orgs, private sector and European Commission)

	1 - not at all relevant	2	3	4	5	6 - very relevant	Average
Data Integration	0.0	0.0	6.6	6.6	45.9	41.0	5.21
	0.0		13.1		86.9		
Sustainable Development Goals (SDGs)	0.0	3.4	5.1	23.7	30.5	47.3	4.93
	3.4		28.8		67.8		
Integrated Geospatial Information Framework (IGIF)	1.6	4.9	6.6	13.1	36.1	37.7	4.90
	6.6		19.7		73.8		
Data Strategy and Policy	1.7	0.0	10.2	15.3	45.8	27.1	4.85
	1.7		25.5		72.9		
Global Geodetic Reference Frame (GGRF)	1.8	7.0	8.8	17.5	36.8	28.1	4.65
	8.8		26.3		64.9		

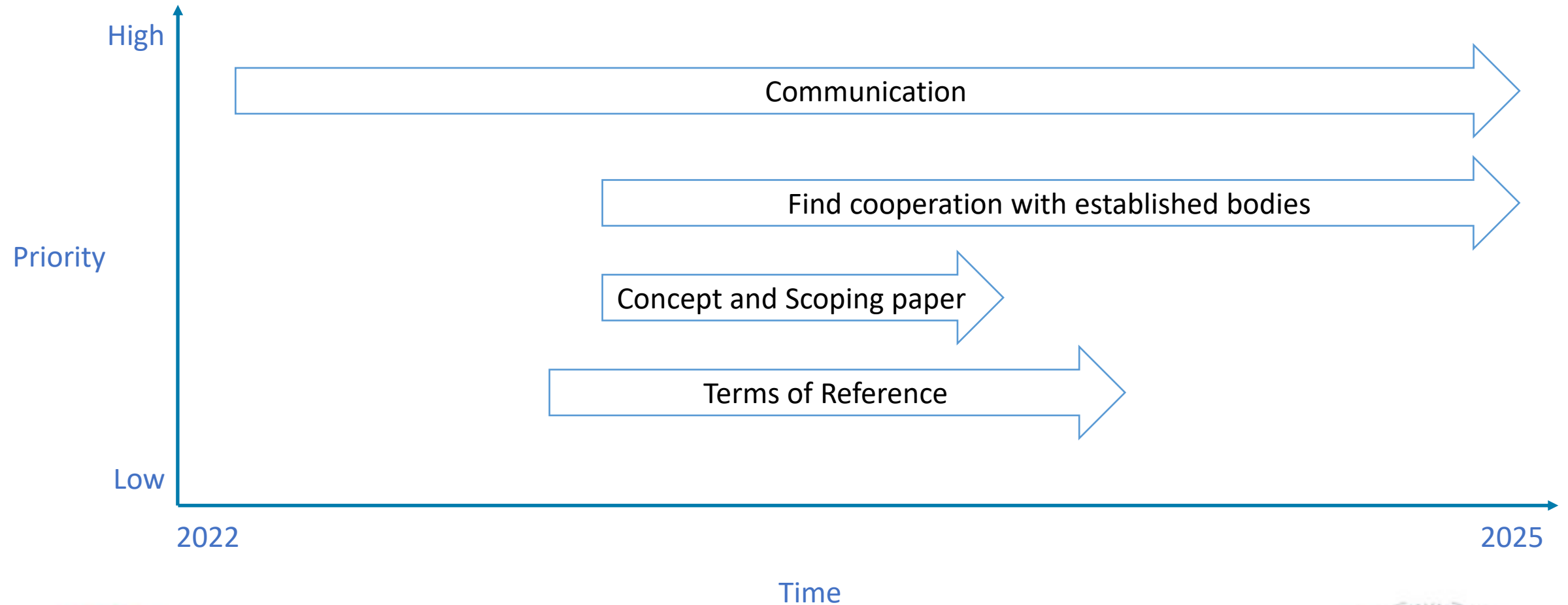


GRF Europe

- 2022: kick-off meeting organized by the Strategy Project Team
 - Develop concept note
 - Find interested parties and lead
 - Propose Community of Interest: a 'light touch' group which is more of a liaison between the interests of UN-GGIM: Europe and existing global and regional activities in topic area.
 - Objectives:
 - The Community of Interest will contribute to the activities of the Subcommittee on Geodesy
 - Focus on growing and sustaining the geodesy profession
 - Act as a coordination body liaising with and between established domestic and international programmes and bringing different communities together.



Administrative Roadmap 2023-2025



GRF Europe

- 2023: First Discussion Round
 - Lack of trained geodesists
 - Lack of geodetic programs at universities
 - Need for awareness raising with decision-makers
 - Avoid duplication of effort (Community of Interest)
 - Link to global (UN-GGIM / UN-SCoG / UN-GGCE)



GRF Europe

- Draft extended objectives GRF Europe:
 - Provide support and actions that further the aims of the Global Geodetic Centre of Excellence
 - 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 liaising with and between established national/regional and international programmes and bringing different geodetic stakeholders together
 - Focus on growing and sustaining the geodesy profession
 - Assist European Members States on topics related to geospatial information
 - Foster decision-making based on geodesy as and when required
 - Engage European experts to contribute to UN-GGIM / Sub-Committee on Geodesy / UN-GGCE



GRF Europe

- Concrete achievements:
 - Presented GRF Europe at EUREF23
 - Build up contact list of national POC's in support of the UN-GGCE Listening World Tour
 - Establish communication with regional groups
 - Assist Member States in finding help with regards to specific geospatial questions
 - Work with European agency on recommendation with regards to geodetic reference frames



GRF Europe welcomes all feedback from the participants



UN-GGIM: EUROPE

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