Community of Interest on Geodetic Reference Frames

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4th plenary meeting of the Subcommittee on Geodesy

20/03/2024
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
- ...
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)

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<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>5 - very relevant</th>
<th>Average</th>
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<td>0.0</td>
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<td>6.6</td>
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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

- Communication
- Find cooperation with established bodies
- Concept and Scoping paper
- Terms of Reference

Priority

High

2022

Low

2022

Time

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