

# Geodetic Reference Frames: Europe



**UN-GGIM**  
**EUROPE**

UNITED NATIONS  
COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

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# Background

- Line of Work on Geodetic Reference Frames
  - Crucial component in collection and management of geospatial information
  - Coordination between technical and political level
  - Support global geodetic efforts
  - Represent European perspectives on global level
  - Tackle regional issues



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# Primary Objectives

- Support UN-GGCE and SCoG
- Act as a connecting body between technical and political level
- Promote growth and sustainability
- Assist Member States
- Engage regional experts to contribute to global discussions



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# Key Focus Areas

- Coordination and collaboration
- Capacity building and knowledge sharing
- Implementation support



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# 2023-2024

- Contributed to 2<sup>nd</sup> consultative meeting on the Global Geodesy Development Plan
- Encouraged ~100 participants to join the Listening World Tour
- Established connection with EUREF, the main technical organisation in Europe responsible for the realisation of ETRS89
- Finalized kick-off activities
- Established first work plan



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# Current work packages

## In progress

1. Contact register
2. Survey on spare parts for observatories
3. 'Geodetic status of Europe' baseline measurement

## Under consideration:

- Webinar: UN-GGCE's Hidden Risk report & European MSc Geodesy
- Discussion on UN-GGCE's policy brief #1 on strengthening collaboration and coordination within a country



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# Current work packages

## 1. Contact register

### *Objective(s)*

compile contact information for relevant stakeholders

### *Expected outcome(s)*

Comprehensive database  
Enhanced Communication  
Resource for collaboration

### *Focus area(s)*

coordination & collaboration  
implementation support



# Current work packages

## 2. Spare parts survey

### *Objective(s)*

Explore options for managers of Geodetic Observatories to exchange spare parts when needed, thereby enhancing operational efficiency and reliability

### *Expected outcome(s)*

Feasibility report

Interested partners identification

Recommendation for operational improvement

### *Focus area(s)*

Coordination & collaboration





# Current work packages

## 3. 'Geodetic status of Europe' baseline measurement

### *Objective(s)*

Assess current geodetic status of Member States within the scope of GRF Europe

### *Expected outcome(s)*

Proposed Performance Indicators

Baseline report

Strategic recommendations

### *Focus area(s)*

Capacity building

Implementation support



# Call for action

- Recognize contributions to activities of UN-GGCE
- Approve the ongoing work of GRF: Europe
- **Be ambassadors**
  - Highlight the value of geodetic expertise
  - Encourage your geodesists to contribute to activities by
    - providing necessary resources and time
    - recognizing their contributions



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