



Federal Agency for
Cartography and Geodesy



Activities of the EUREF Governing Board

Wolfgang Söhne



- EUREF Governance
 - GB Meetings
 - Cooperations
 - GB Membership
- Reference Frames
- EUREF Components
 - EPN / EPN CB
 - EPN Coordinators
 - EUREF Working Groups
- EUREF Campaigns

➤ GB meetings 2024/2025

- Fall 2024 meeting (GB96 I and II): online 15.10.2024 + 12.11.2024
- Spring 2025 meeting (GB97 I and II): online 12.02.2025 + 28.02.2025
- Summer 2025 meeting (GB98 I, II and III): online 16.05.2025 + 18.06.2025, (short) in-person during the symposium (Wednesday, 17:00)
- *Fall 2025: extended in-person meeting?!*

➤ Cooperations

- United Nations Committee of Experts on Global Spatial Information System (UN-GGIM): Europe
 - One of six Working Groups is „Geodetic Reference Frames in Europe“ (GRF)
 - Chair of WG GRF, Jeffrey Verbeurgt (Belgium)
 - Representation of GRFs on a political (and legal) level
- Global Geodetic Center of Excellence (GGCE)
 - Resolution no. 2/2024
 - Head of GGCE is Nicholas Brown (Australia)
 - „Geodesy Capacity Development Workshop for Europe on Transitioning to a Modern Geospatial Reference System“ on February, 17-21, 2025 in Bonn
 - Structured in „Why – What – How – Who“
 - Participants from 25 countries, several participants from EUREF community
 - Prolongation of (the financing of) the GGCE beyond 2025 underway

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- European Plate Observing System (EPOS)
 - MoU of 2022 between EUREF and EPOS ERIC – Update?
 - Several relations between EUREF/EPN and EPOS Thematic Core Service (TCS) „GNSS Data and Products“
 - EUREF-EPOS Workplan 2024-2025 presented at GB94 meeting and signed by both partners
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 - Monitoring of the various products
 - → presentations by Gael Janex and Enrico Seperlioni on Tuesday
 - → keynote by Lilli Freda on Wednesday
 - → presentation by Rui Fernandes on Thursday
 - → presentation by Fernando Geraldes on Thursday

➤ Cooperations

■ EuroSDR – European Spatial Data Research

- „EuroSDR is a not-for-profit organisation linking National Mapping and Cadastral Agencies with Research Institutes, Universities and Companies in Europe for the purpose of applied research in spatial data provision, management and delivery“
- (Joint?) Workshops „Georeferencing in the digital era“ in Oktober 2024 and May 2025, in Norway
- „How to Increase Use of Spatial Data & Sharing Data Across Borders – Relating to Reference Frames“
- Representing a (large?) community dealing with spatial data with a specific understanding of coordinate reference frames

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- → presentation by Roger Lott on Thursday

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- Broad expertise and strong continuity
- Scientific expertise and administrative experience are both important, should be in balance
- Several positions/functions becoming vacant in the next two years
 - Some functions may be optimally continued with in-house expertise
 - Members elected out of the EUREF community (ongoing)
 - Switching Working Groups into Coordinators?
 - Potential candidates for exposed functions to be prepared on the medium-term

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➤ EVRS/UELN

- New data from several countries, e.g. from Serbia, Poland, new or planned border connections, e.g. from Serbia to neighboring countries, between Czech Republic and Germany
- Continuing the investigations on the use of hydrodynamic leveling
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- → presentation by Martina Sacher on Wednesday

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- Permanent activities, e.g. communication with station providers, getting proposed stations into the operational EPN, having the EPN web pages up-to-date, etc.
- bookkeeping of national ETRS89 realizations
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 - → presentation by Juliette Legrand on Wednesday

- EUREF Working Groups
 - EPN Reprocessing WG
 - Resolution no. 3 in 2023
 - EPN Repro3 processing is in delay, but approaching the end
 - 12 of 17 EPN Analysis Centres have been actively contributing
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- → presentations during the AC workshop on Tuesday

■ WG on EPN Densification

- Most recent solution is D2237
- Waiting for the finalization of EPN repro3
- Resolution no. 3 / 2024
- Benchmark test initiated in between for the EPN-D Analysis Centres
- → presentation by Ambrus Kenyeres on Tuesday

■ WG on Deformation Models

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 - → presentations by Joachim Schwabe on Thursday

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 - Study Group on ETRS89 realization
 - Approx. 20 members to cover a wide range of interest and knowledge
 - Long list of questions and topics to discuss
 - Several online meetings so far
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- EUREF GB asked for validation of
 - Romanian reference station upgrade campaign (ROMPOS)
 - EUREF Serbia 2023 campaign
 - → Poster presentations of both countries

Thank you for your kind attention!

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