

EUREF's Reference Networks EPN, UELN, and ECGN – Basis for Tectonic Monitoring and Investigations in Europe

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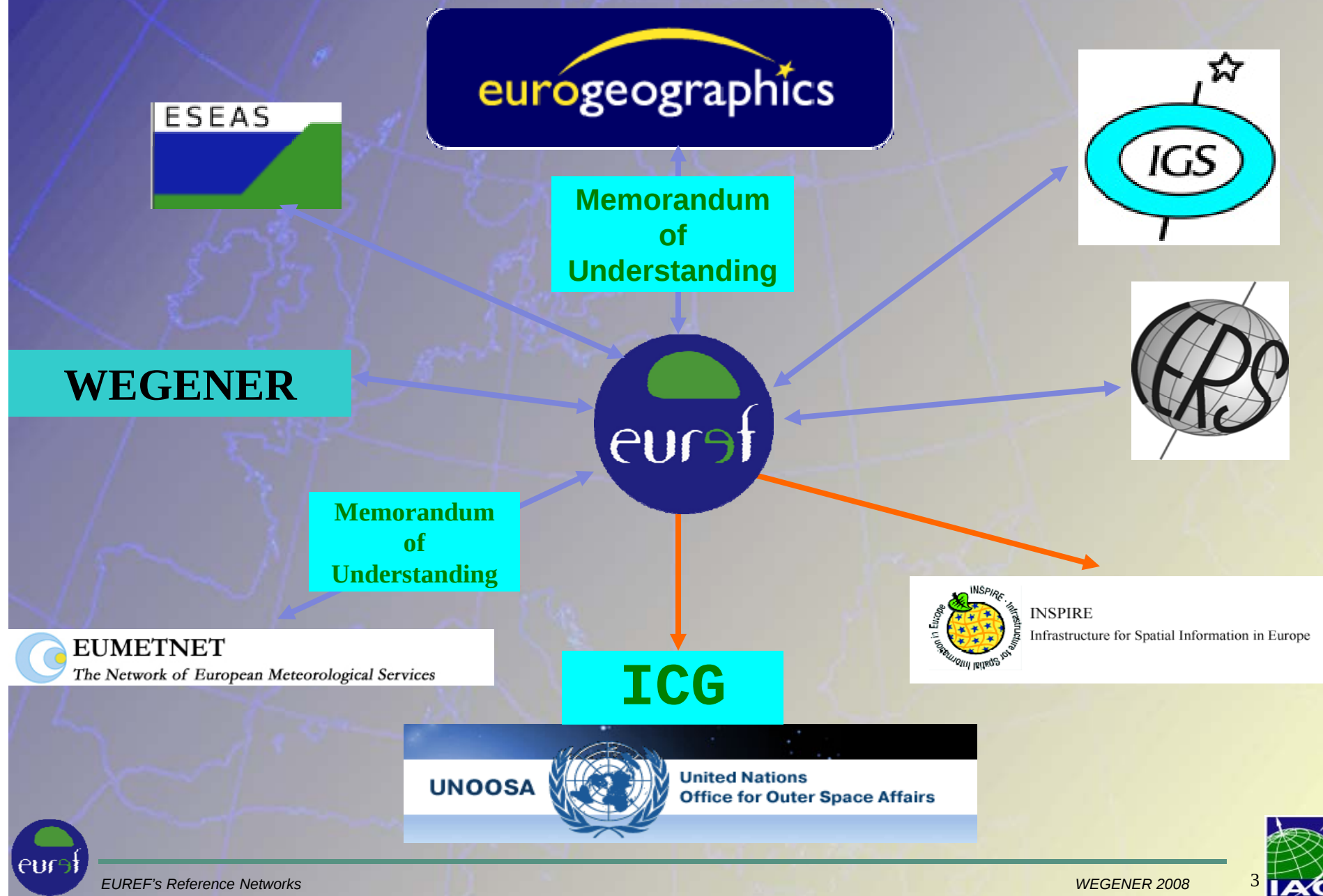


Outline

- (1) Mission of EUREF**
- (2) Definition and Realization of European Geodetic Reference Systems**
- (3) EUREF's Network Infrastructure**
- (4) From Re-processing and Velocity Fields to Real-Time Network Monitoring – Projects, Examples, Ideas**
- (5) Conclusions**



Network of Cooperation



(4) Conclusions for Cooperation

- EUREF is the key organization for the support of the geodetic GNSS ground based infra-structure in Europe - GNSS, Height and Gravity reference frames -
- EUREF invites WEGENER to join EUREF TWG Meetings for special items (and reversed)
- EUREF & WEGENER should think about common
 - initiatives in special regions (Mediterranean Sea – AFREF)
 - initiatives for geodetic infrastructures (FP7 Project PLEGG - Platform for European GNSS and other Geo-products)
 - scientific investigations of geodynamical features in Europe (recent crustal movements - vertical, horizontal)
 - contributions to environment and security in Europe.

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EUREF's Reference Networks

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