EuroGEO
The European component of the Group on Earth Observation

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Unique Value provided by EuroGEO

- Delivering an integrated European contribution to GEOSS and increasing GEOSS benefits for Europe
- Acting as an incubator in cooperation with Copernicus/European countries/organisations to produce and test EO services and applications
- Delivering specific EO applications benefiting from integrating global datasets made available through GEOSS
- Promoting, scaling up and developing EO applications in association with users
- Building on Copernicus Data & Information Access Services (DIAS) + Horizon 2020 resources
- Compliance with GEO engagement strategy: supporting the implementation of the Agenda 2030 for Sustainable Development
Key Results Achieved in 2017-2019 (1/2)

- Launch of the initiative (during GEO Plenary in October 2017)
- Set up of the EuroGEOSS Coordination Group (end 2017)
- Request for Expression of Intent (April 2018 – June 2018)
- Launch of the 9 topical voluntary bottom up Action Groups (September 2018)
- Sprint-2-Ministerial Process (early 2019 and ongoing)

- € 15 million call in Horizon 2020 WP Societal Challenge 5 (Autumn 2017), leading to kick-off of e-shape (May 2019);
- € 15 million call in Horizon 2020 WP Societal Challenge 5 on Commercial Applications using Earth Observation (Autumn 2018), evaluation ongoing
Key Results Achieved in 2017-2019 (2/2)

- 2 regional sessions (side events) during GEO Plenaries (2017: launch event and 2018: achievements)
- Broadly set up communication strategy with presentations on or related to EuroGEO in: European SpaceWeek (November 2017, Tallinn, Estonia), Baveno+20: From GMES to Copernicus and Beyond (June 2018) and INSPIRE Conference (September 2018, Antwerp, Belgium)
- One annual EuroGEOSS workshop (Geneva, Sept 2018) and the next one under preparation (Lisbon, July 2019 – EuroGEOSS will become EuroGEO at this event)
- Several presentations at (internal) Member State meetings
Key Milestones and/or Deliverables for 2020-2022

- First results of e-shape – Pilots and other H2020 projects taken to the next level and synergies among initiatives
- Results from the voluntary bottom up Action Groups
- Establishing of a EuroGEO Secretariat
- Stronger cooperation with other regional GEO (AOGEO-EUROGEO Side-event in Canberra)
- R&I Grants
  - Granting Call under Horizon 2020 WP Societal Challenge 5 on commercial applications (Innovation Action)
  - Granting 3 Calls under Horizon 2020 WP Societal Challenge 5 (Climate, Mountain Regions, Arctic)
  - Delivery first Work Programme under Horizon Europe
- Implement EC-ESA Earth-system Science Initiative
Good Practices and/or Lessons Learned

- Great interest from the European Earth Observation community
- Voluntary basis commitments (see Action Groups)
- Right Balance of Copernicus Space Programme with strong R&D engagement (H2020 Societal Challenge 5 and Space Research Programme)
- Long-term perspective (Horizon Europe includes an area of intervention on Environmental Observations)
- Open governance (Coordination Group, European HLWG)
- EC-level good coordination (RTD, GROW, JRC, EASME)
EuroGEOSS: open innovation partnerships (1/2)

Two complementary routes

- **Fixed term projects from funding programmes such as:**
  - Horizon 2020
  - Copernicus
  - Other EU programmes
  - ESA
  - National programmes

- **Open innovation partnerships**
  - To collaborate, benchmark, combine existing developments
  - To leverage along the value chain
  - GEO collaborative spirit

- Building on fixed term projects → good conditions for starting open innovation partnerships
- Many applications already partly developed
- Booked budget through Horizon 2020 and preparation on-going for Horizon Europe
EuroGEOSS: open innovation partnerships (2/2)

Status:
• 2018 request for expression of Interest
• Launched by the EuroGEOSS Coordination Group
• Voluntary basis approach
• Almost 50 responses to first years’ request
• Action Groups formed on 9 topical areas, covering SDG’s and GEO SBA’s

Conclusion:
Enormous interest and opportunities to engage in EuroGEOSS!

9 Action Groups:
• Applications for Agriculture/Food security
• Applications for Land use/land coverage
• Urban applications (including urban air quality and urban health)
• Applications for Disaster Resilience
• Applications for Biodiversity & Ecosystems -
• Marine applications
• Applications for Climate
• Applications for Atmosphere
• Applications for Energy
Requests for Assistance

- Communication (Dedicated GEO Secretariat support to Regional GEOs)
- Formal (or not) mechanism for collaboration with other Regional GEOs to foster stronger interactions between Regional GEOs and Flagships/Initiatives
- Engage with non-technical audience
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