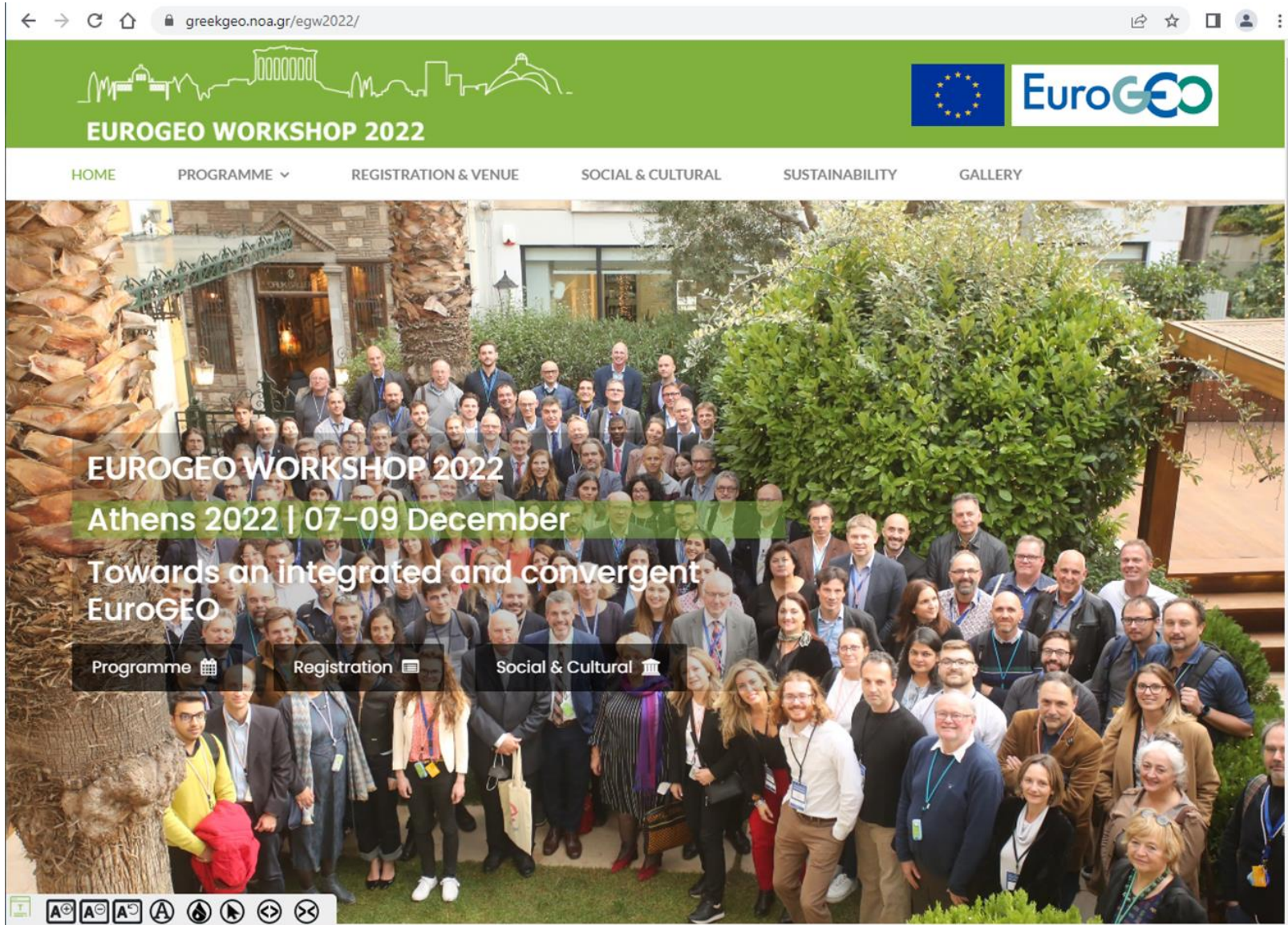


Preparing EuroGEO for the future

PB-25: 7-8 Feb 2023
Geneva, Switzerland

European Commission
Jean Dusart

2022 Achievements



260 participants
171 presentations
139 speakers
Action groups reactivated
Debates on Post-2025, GEOSS, ...

Preparing for the next edition to
Take place in September 2023

Recent initiatives supporting EuroGEO/GEO

- Renewal of contribution to the GEO Secretariat Trust Fund (EUR 1,2 Mil)
- Renewal of the strong partnership with our European partners to support Europe's engagement in GEO
 - Leveraging European data-sharing and exploitation practices within GEOSS (JRC for covering years 2025-2027)
 - Enhancing the access to in situ Earth observation data in support of climate change adaptation policies and activities (EEA for covering years 2024-2026)
- Concrete launch of ESA/RTD Earth Systems Science Initiative
- Launch of a partnership with Member States on 'Agriculture of Data'
- Preparation with DG INTPA of a Space and Earth Observation in Africa flagship



Launch on February 24th of the new Copernicus Data Space Ecosystem

Immediate access to large amounts of open and free Earth observation data from the Copernicus Sentinel satellites.

The next level of data processing and distribution infrastructure.

Easy data discovery, visualization, download, streaming and analysis.

A powerful tool to benefit a wide range of users, including institutions, researchers, and businesses.



Horizon Europe calls contributing to GEO

- HORIZON-CL6-2023-GOVERNANCE-01-9: *Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observations by World Meteorological Organization and its affiliated bodies* (EUR 2 million)
- HORIZON-CL6-2023-GOVERNANCE-01-10: *Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat* (EUR 2 million)
- HORIZON-CL6-2023-GOVERNANCE-01-11: *Reducing observation gaps in the land-sea interface area* (EUR 9 million)
- HORIZON-CL6-2023-GOVERNANCE-01-12: *Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance* (EUR 7 million)

Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat



POLICY CONTEXT

- Need to strengthen **GEO-related coordination mechanisms** at European and national levels
- Support increased innovation, space application development and the reinforcement of a **space data ecosystem concept within Europe**
- Pursue **international cooperation** to help stimulate the market and promote European technology and services

EuroGEO

Coordination and Support Action



EXPECTED OUTCOMES

- Support to the **EuroGEO community**;
- Establishment of **organisational support**. This includes the increase of synergies among EU funded projects in the context of environmental observations and other topics related to EuroGEO;
- More developed and better monitored **execution of the EuroGEO Implementation Plan** and **visibility and exposure to European lead Flagships and Initiatives in the global GEO WP**
- Assistance to the development of a **sustainability concept for the EuroGEO initiative**;
- Further developed research policies, guidelines and where possible standards in close relation with the EC **Knowledge Centre on Earth Observation**

Focus of the new Implementation Plan

Engaging with a broad range of users in Europe for identifying their needs for EO based services or products, building on the wide range of European EO assets, and addressing also the inter-connections **between** various groups and policy areas.

Demonstration, incubation, upscaling, downscaling, or replication of existing EO services and products across Europe (and beyond), also through streamlining innovation instruments available at EU, national or sub-national levels and actively promote synergies

Connecting European EO research communities, service providers, including the private sector, and users to allow for mutual learning and spreading of good practices and successful business models across Europe

Further the design of a **European digital ecosystem** that supports access and inter-operability of EO data and provides benefits to businesses, citizens, and scientists/researchers and promotes the GEO vision in Europe to realise a future where decisions and actions are informed by evidence

Supporting the consolidation of **national GEO management structures across Europe**

European Position Paper on GEO Post-2025 Strategy

- Publication of the first Interim report of the Post-2025 WG on time for the GEO Week 2022
https://www.earthobservations.org/documents/geoweeek2022/GEO-18-4.1_Interim%20Report%20of%20the%20Post-2025%20Working%20Group
- Call for comments extended to 25th of November
- Preparation of a common discussion paper on the Post-2025 strategy framing the European position.
- Consultation with Commission services and with members of the GEO High Level Working Group
- Sharing of the note with the GEO Secretariat on 1st December 2022.
- Panel Discussion at Athens Workshop
- HLWG meeting to pursue discussion and collect feedback from European GEO members 7 March 2023

European Position Paper on GEO Post-2025 Strategy (1/2)

- **Rationale**

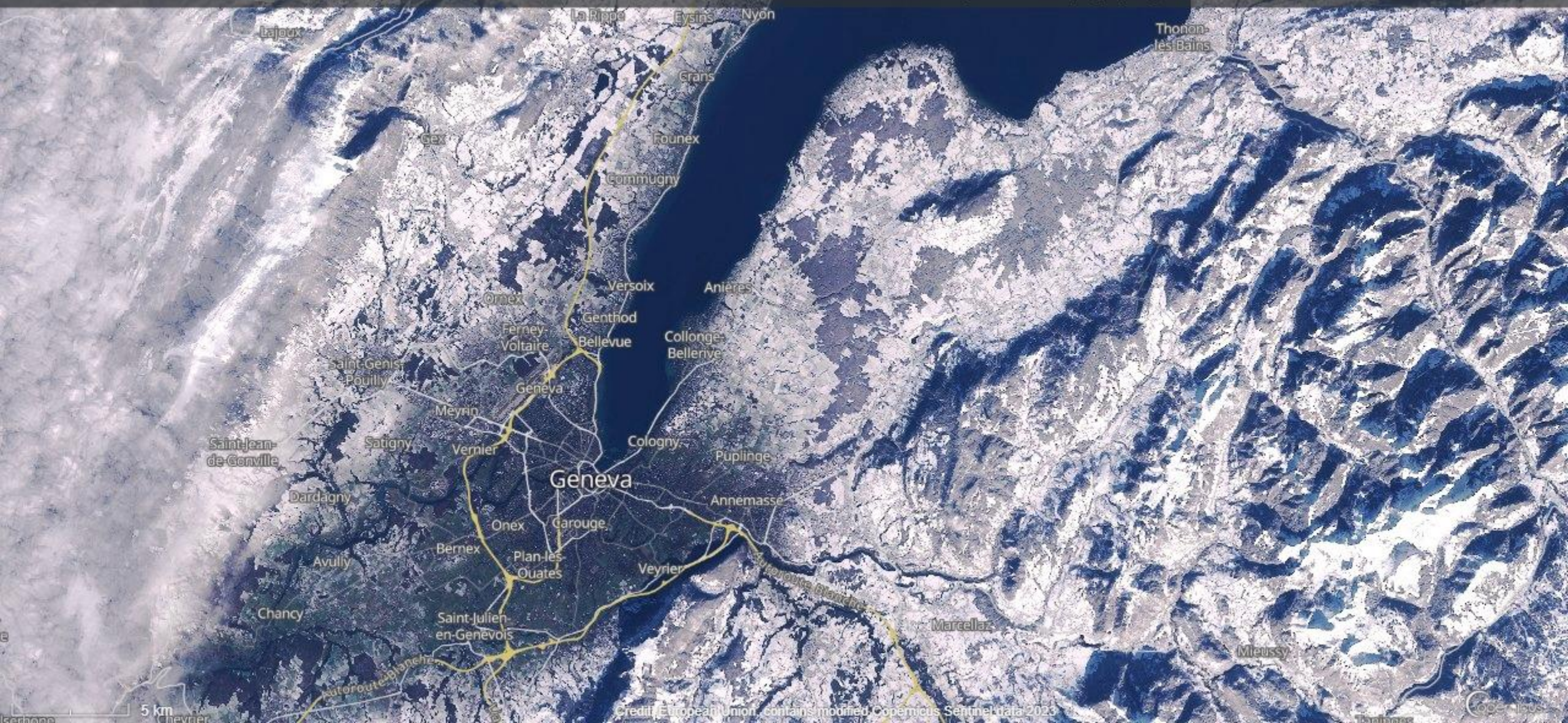
- Strong European engagement in Earth Observation (EU Space Programme and its Copernicus component) + MS initiatives → Europe's position to be coordinated.
- GEO Evolution helped by exploitation of European EO assets, but still below its potential
- Commitments taken under Canberra Declaration, recommendations of GEO Mid-Term Evaluation and ExCOM decisions to implement them

- **Towards a revised GEO Value Proposition**

- → Remain a government-driven group (Commercial Sector involvement within well-defined limits)
- → Strong commitment to promote GEO Data Sharing principles, good practices, open standards, capacity building
- → A GEO platform supporting the GEO WP Activities based essentially on public funding and open software
- → Free and open access to all essential EO data
- → Strengthen engagements priorities and consider new ones (biodiversity, protection – sustainable use of water/oceans) as long as they offer added-value towards their policy goals.

European Position Paper on GEO Post-2025 Strategy (2/2)

- **Role of the GEO Secretariat and the GEO Work Programme**
 - Facilitator role (via communication, cross-fertilisation, WP integration, finance leveraging).
 - Define effective ways of addressing its thematic priority areas (impact) on basis of a global culture of transparency in a systematic way
 - Defend legitimate interests (while promoting open licensing)
- **Relations to WMO, other UN bodies and international initiatives**
 - Common endeavours to establish a global system for standardised, open and interoperable climate observations and to exploit them so that they become available as services to society and citizens)
 - Reduce overlaps and redundancies
- **Other aspects: diversity and inclusiveness → GEO Value Charter (use of languages, visibility and acknowledgment of contributors)**
- **European contribution and visibility of GEO**



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