



EuroGEO

NO.3



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One EuroGEO

**COMBINE
COORDINATE
COOPERATE**

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GEO CORNER

Action Groups

Delve into our 9 Action Groups and find out how to get involved



Agriculture



Biodiversity,
Ecosystems and
Geodiversity



Climate



Disasters and
Health



Energy



Green Deal
Data Spaces



Land Cover
and
Land Intelligence



Marine



Urban

[Discover More](#)

Action Groups



[Discover More](#)

EuroGEO - JRC/KCEO Expert studies on Action Groups

The Knowledge Centre for Earth Observation (KCEO) of the Joint Research Centre (JRC) has released ten studies in 2024 to assess the current status of each **EuroGEO Action Group**. These studies examine the groups' connections to **international, national, and local policies** and outline strategies to strengthen their role within EuroGEO. The goal is to evaluate the groups' status, potential policy contributions, state-of-the-art data capabilities and services provided by members and key stakeholders, and their role in advancing Copernicus.

[Read the studies](#)

WHAT'S NEW

EGW 2025 - Save the date!



 **Save the Date & Spread the Word!** 
EuroGEO Workshop 2025

 13–15 October 2025
 The Hague, Netherlands |
 Venue: World Forum The Hague

Jointly organized by the European Commission, the EuroGEO Secretariat and the Netherlands Space Office, this high-level event will be an opportunity for collaboration, innovation, and impact.

Join us towards a common goal to 

Combine. Coordinate. Cooperate.
Advancing collective Earth intelligence

#OneEuroGEO - One Voice.
Europe's united contribution to GEO

 **More details coming soon – stay tuned!**

EuroGEO contribution to the GEO Knowledge Hub



EuroGEOSec aims to strengthen the execution and visibility of the EuroGEO Implementation Plan within the global GEO Work Programme. Despite Europe being a major financial and strategic contributor to GEO—**highlighting over EUR 1 billion in projects funded by the European Commission**—its role has often been underrepresented, limiting the global reach and impact of its Earth Observation (EO) outputs. EuroGEOSec seeks to address this by coordinating and showcasing European EO efforts more effectively, aligning them with policy priorities and enhancing their integration into the global GEO landscape.

A **key strategy** is EuroGEOSec's stewardship of the EuroGEO Community section within the **GEO Knowledge Hub (GKH)**, where it curates and promotes European contributions. This initiative helps reduce fragmentation in the EO sector by linking diverse actors and outputs under a unified vision—**#OneEuroGEO**. One of its core missions is to establish a single point of access to all EuroGEO-related outputs through the GEO Knowledge Hub (GKH), ensuring that European efforts are **discoverable**, **cohesive**, and **well-integrated** into the global GEO community. Through better communication, branding, and community engagement, EuroGEOSec not only facilitates broader adoption of EO solutions but also positions itself as a central actor in monitoring and amplifying Europe's presence in the GEO framework.

To achieve this, EuroGEOSec actively engages with **14 current and past EU-funded projects**, guiding them in the dissemination and valorization of their results within the GKH. This includes supporting the creation and registration of knowledge packages, making data and insights easily accessible for stakeholders. Additionally, EuroGEOSec continuously works to assess the benefits of these contributions and identify areas for improvement, ensuring the initiative remains aligned with both community needs and European policy priorities.

EuroGEOSec has significantly expanded the knowledge base of the EuroGEO Community by adding 34 new knowledge packages, effectively doubling the previous total. These packages consolidate valuable insights and outputs from European Earth Observation (EO) projects, contributing to a more robust and accessible repository of scientific and policy-relevant resources.

In addition, **155 new knowledge resources**—including software applications, methods, datasets, videos, and scientific papers—have been published, further enriching the content available on the GEO Knowledge Hub (GKH). Lessons learned have also enabled the development of new GKH features, such as synchronization and harvesting capabilities with major platforms like Zenodo, YouTube, and TIB. It also introduced enhancements including a "Funding Awards" section and a dynamic package ranking display, reinforcing the GKH as a central hub for curated EO knowledge.

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EuroGEO White Paper: The New Era for EuroGEO

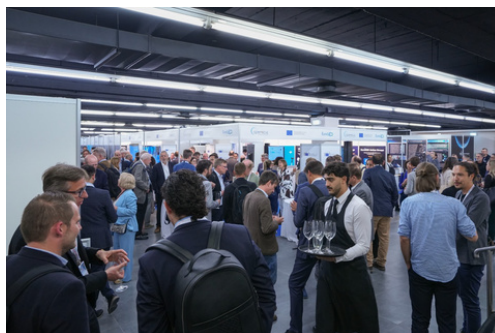


The recently published White Paper: The New Era for EuroGEO presents a strategic framework for transforming Earth Observation (EO) into actionable Earth Intelligence, aligned with both European priorities and the post-2025 vision of the Group on Earth Observations (GEO).

The document outlines how EuroGEO will evolve to close the gap between data and decision-making, shifting focus from access to EO data toward its integration into policies like the European Green Deal and international climate commitments. It introduces a renewed emphasis on user-driven innovation, scalable applications, and cross-sector collaboration.

[!\[\]\(83f22ed94ec5517769dd76d702c6bfd8_img.jpg\) Read the full document](#)

From Data to Action: Europe's Transformative Role at GEO Global Forum 2025



The GEO Global Forum 2025, held from **May 5–9** at the Convention Center – Auditorium della Tecnica in Rome, marked a pivotal moment in the global Earth Observation (EO) community. Celebrating two decades of progress since its inception, the Forum also served as the stage for the adoption of GEO's Post-2025 Strategy, aiming to reshape how EO data supports sustainable development, climate action, and global resilience.

At the heart of the Forum's activities was the vibrant EU Booth, offering a comprehensive showcase of the European Union's Earth Observation efforts. With more than **60 Horizon Europe-funded projects** represented—alongside the European Space Programme and the EuroGEO Secretariat—the booth served as an immersive hub for scientific exchange, policy dialogue, and technological demonstration with **43 live presentations, 9 round table discussions, 96 e-posters, and 39 videos**.

[See the Presentations](#)

[See the e-Posters](#)

Tracking Progress in Earth Observation: EuroGEO's R&I State-of-Play Reports

EuroGEO's **Research & Innovation Observatory (RIO)** monitors Earth Observation (EO) research across Europe and beyond. By combining a **web-based tool** with **expert analysis**, RIO tracks key trends, identifies research gaps, and supports strategic planning.

A main outcome of this work is the **State-of-Play Reports**, which offer up-to-date overviews of progress within each EuroGEO Action Group. These reports help guide decision-makers, researchers, and institutions by highlighting current initiatives and opportunities for innovation.

New reports are added regularly as RIO continues to grow.



[Read the report](#)



[Read the report](#)

EuroGEO Workshop inspires the launch of a new initiative | LEOO sparks passion for Earth Observation among youth

Launched during the EuroGEO2024 workshop in Kraków, the **Local Earth Observation Observatory (LEOO)** is a youth-focused initiative designed to inspire and educate the next generation of Earth Observation (EO) users. Sparked by the enthusiasm of students from **Biała Podlaska, Poland**, LEOO introduces high school learners to satellite imagery, EO data analysis, and real-world environmental applications through lectures, international exchanges, and hands-on activities.



In its first few months, **LEOO** has gained strong institutional support, hosted expert-led sessions, and initiated partnerships with schools and agencies—including **ESA's IGNIS** mission team. With plans to build a broader European LEOO Network (LEOON), the initiative is shaping a new generation of EO-literate students, while promoting local environmental monitoring and supporting the integration of EO into education systems.

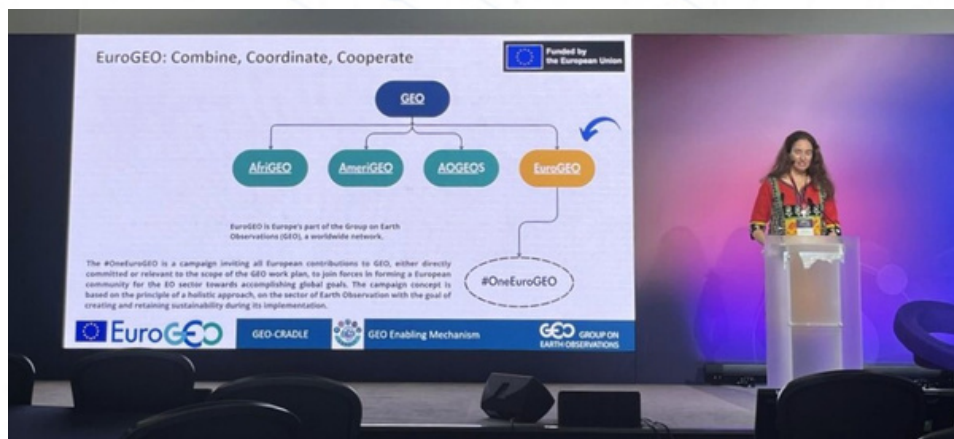


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Showcasing EuroGEO's Contribution to GEO and its Role in supporting the GEO-CRADLE Enabling Mechanism at ISRSE-40-GEO Knowledge Hub Workshop



At **ISRSE-40**, EuroGEO's key role in supporting the **GEO CRADLE** enabling mechanism and advancing Earth Observation (EO) services across **EMMENA, Africa, and Pacific Asia** was spotlighted in a keynote by Alexia Tsouni from the BEYOND Centre. The talk, based on work led by Dr. Haris Kontoes, emphasized EuroGEO's contribution to capacity building and regional collaboration within the GEO framework.



Held in Farnborough, UK, the **40th International Symposium on Remote Sensing of Environment** gathered global EO leaders, highlighting EuroGEO's impact and the crucial role of international cooperation in addressing environmental challenges through EO-based solutions.



[READ MORE](#)

New publication from HaDEA: An overview of EU Space research projects supporting the development of Earth observation technologies



The European Union is advancing **Earth Observation (EO)** through innovative research that boosts Copernicus services. A new publication by the European Health and Digital Executive Agency (HaDEA), End-to-Earth: AI for Earth Observation, explores how Artificial Intelligence (AI) is transforming EO. The broader End-to-End Earth Observation Systems and Services report presents key Horizon Europe projects driving innovation in the space sector.

[Discover More](#)

[Download the publication](#)

EuroGEO Factsheet

EuroGEO in the GEO post 2025 era is grounded in the principles of Combination, Coordination and Cooperation!



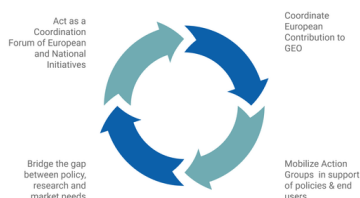
#OneEuroGEO

EuroGEO in the GEO post 2025 era

EuroGEO revised Vision

EuroGEO, Europe's part of the Group on Earth Observations (GEO), is a European network of actors that promotes, showcases and stimulates **Combination, Coordination and Cooperation** to serve European and international policies and users through **Earth Intelligence** leveraging **European excellence**.

Strategic Objectives



EuroGEO Secretariat

The EuroGEO Secretariat is the operational vehicle of EuroGEO that serves as a '3C' (**Combine, Coordinate and Cooperate**) engagement platform to structure the European ecosystem.

It **coordinates, supports and facilitates** the smooth implementation and integration of the EuroGEO activities.



#OneEuroGEO

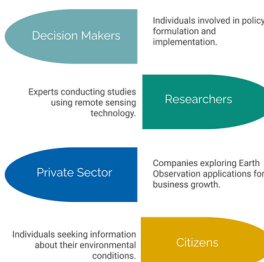
Ecosystem



Engaged audiences

- GEO stakeholders and initiatives
- International Organizations
- European Union (EU) and Member States (MS), European EO Institutional Actors
- EO solution providers, associations and Private actors related to EO
- Research and Innovation (R&I)
- Research and Academia
- Incubators
- General public, NGOs

Beneficiaries of EuroGEO



Fast Facts on EuroGEO



#OneEuroGEO Approach

Reflects our aspiration to build an **integrated** and **collaborative** EO ecosystem of actors contributing to a **sustainable** and **resilient** future for all European citizens, addressing the **environmental, social and economic** demands of the linked markets with respect to a sustainable development, the EU policies, the GEO Work Program and the GEO regional initiatives.

Stay Connected



LEARN MORE

RESOURCES

Resources

EuroGEO - JRC/KCEO Expert studies on Action Groups on GKH

**Assessment of European Earth Observation Research Projects for
Policy-Relevant Services**

Principles for user-centric practices of cloud platforms

White Paper : The New Era for EuroGEO

PROJECT NEWS

The RESPONDENT Project: Harnessing Earth Observation to Strengthen Energy Resilience



In an era of increasing climate uncertainty and anxiety surrounding energy security for the future, ensuring the stability, affordability, and seamless supply of renewable energy sources is critical to **Europe's transition towards a sustainable and secure energy sector.**

In response to this challenge, **RESPONDENT**, an EU-funded project under the **Horizon Europe programme** and managed by the **EU Agency for the Space Programme (EUSPA)**, is pioneering the integration of Earth Observation (EO) and AI-driven forecasting to enhance grid resilience and support energy security.

By leveraging the **enormous potential** of European space-based technologies, such as **Copernicus and Galileo data**, **RESPONDENT** is providing innovative solutions that address key environmental challenges while also helping to accelerate the path towards the green transition.

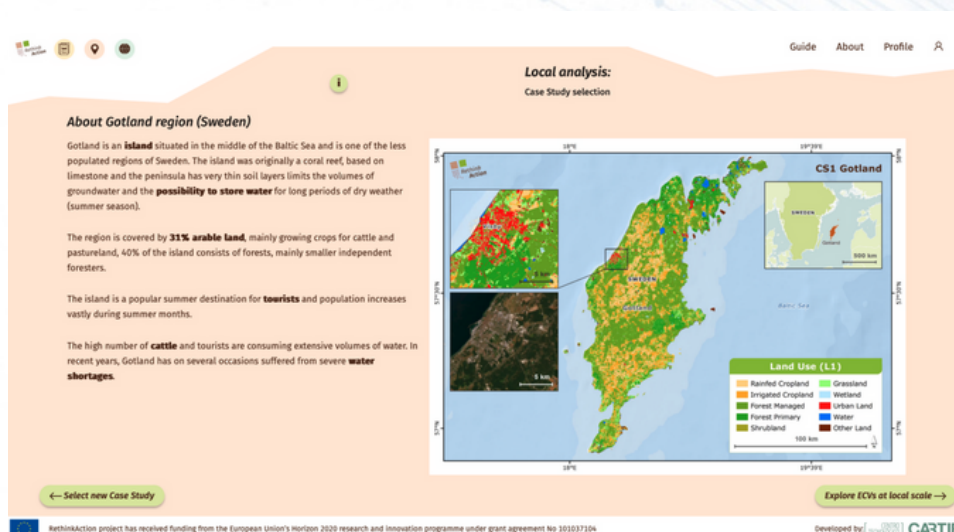
[Discover More](#)

Harnessing Earth Observation for Sustainable Land Use: The RethinkAction Approach



RethinkAction, a Horizon 2020 project, transforms **Earth Observation (EO) data into actionable solutions** for sustainable land use and climate adaptation. Through its user-friendly platform, it **empowers citizens, policymakers, and stakeholders** to make informed decisions using real-time data and a catalogue of over 60 climate strategies.

Aligned with **GEO's post-2025 vision**, RethinkAction promotes equity, education, and collaboration. By integrating local knowledge and fostering partnerships, the project ensures EO data is accessible, practical, and impactful—supporting a resilient, climate-smart future.

[Website](#)[Linkedin](#)[X](#)

SUCCESS STORIES

LATEST SUCCESS STORY

Thematic Area: Climate | Energy

Sync. Forecast. Power.



EuroGEO



RESPONDENT

Powering the Future: How RESPONDENT is Synchronising Europe's Clean Energy Transition

To accelerate Europe's clean energy transition, the RESPONDENT project developed a smart, space-enabled solution to manage the growing complexity of renewable energy integration. By combining Copernicus Earth Observation data, Galileo GNSS-based synchronisation, and AI-powered forecasting, the project equips grid operators and market participants with accurate, real-time tools for balancing supply and demand.

Tested in real conditions — including a successful final pilot in Athens and Barcelona — the RESPONDENT Solution Suite demonstrated how nanosecond-level time synchronisation and predictive analytics can improve grid stability, reduce congestion, and enhance energy planning.

RESPONDENT is a success story of European innovation, showcasing how space assets and artificial intelligence can work together to solve real-world energy challenges. It delivers not only cutting-edge tools, but also a replicable model for smarter, greener, and more resilient energy systems — supporting the EU's climate goals and strengthening energy security for all.

 respondent-project.eu [RESPONDENT Project](#) [@RESPONDENT_EU](#) [@RESPONDENT_EU](#)

Graphical representation of RESPONDENT

#OneEuroGEO

[Discover more success stories](#)

HOW TO GET INVOLVED



Get involved as a EU funded project

As a European Project you could send us at contact@eurogeosec.eu:

- Your Upcoming External Project Events for EuroGEO calendar
- Your news Article that can be hosted on our dedicated webpage
- Your project solutions/achievements promoted as Success Stories



#OneEuroGEO

GEO News

2025 GEO Awards Winners

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20 Years of GEO: A brand story

[LEARN MORE](#)

Youth are the future of Earth Intelligence for All



Up-coming Events

COSPAR 2025 Scientific Symposium

COSPAR 2025 Scientific Symposium

Space Exploration 2025: A Symposium on Humanity's Challenges and Celestial Solutions
November 3 - 7, 2025 - Nicosia, Cyprus

[LEARN MORE](#)[LEARN MORE](#)

Supporting Better EO Data Practices: GEO's Self-Assessment Tool for Data Management



The **GEO Data Management Self-Assessment Tool** was developed to help Earth Observation (EO) projects create stronger, more compliant **Data Management Plans (DMPs)**—an often overlooked yet essential part of research and project design. Built during the **E-shape** project and used across **37 pilot applications**, the tool supported the implementation of both **GEO's Data Management Principles** and the **FAIR Principles**, ensuring data was well-organized, shareable, and reusable.

Endorsed by the GEO Secretariat and now available through the **GEO Knowledge Hub**, the tool enabled EO professionals to meet regulatory requirements, align internal practices with global standards, and educate emerging researchers. It marked a significant step toward improving data practices across the EO community.

[SOURCE](#)

[ACCESS THE DATA MANAGEMENT
SELF-ASSESSMENT TOOL](#)



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