

# The Copernicus Academy and Relay Networks initiatives and recent EU-funded projects for Education in Space Technologies Applications



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eo4geo, CopHub.AC and CoRdiNet are recent initiatives supported by European Commission with a common strategy to fill the existing **skill gaps** between supply and demand of **education and training in the Earth Observation from Space** (space/geospatial) sector. All projects will benefit of the strict collaboration existing among PMI, Public Administrations and Research/Education institutes operating in a unique local Copernicus ecosystem in South Italy that will be further reinforced from the participation to the projects. These initiatives will foster the uptake and integration of Copernicus space/geospatial data and services in real end-user activities pushing also on the Vocational Education and Training (VET) component particularly for up-skilling of professional within PMI and Public Administrations. Hybrid learning and interdisciplinary approach will be experimented in several education and training actions.

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@EO4GEOtalks

Help bridging the **skill gaps** between supply and demand of education and training in the EO/GI sector.

**EO4GEO Objectives**

EO/GI BODY OF KNOWLEDGE	EO/GI CURRICULA	EO/GI COURSES	TRAINING ACTIONS
EO4GEO will develop a commonly agreed Body of Knowledge (BoK) describing an ontology for the space/geospatial domain that can be permanently updated by making use of a set of collaborative tools	A series of curricula carefully designed, discussed and agreed upon within the community, linked to a series of occupational profiles in the sector making use of the BoK and other competency frameworks	A portfolio of VET training modules based on <b>existing training materials or newly developed ones</b> and a case-based learning method that is applicable for different scenarios and in any sub-sector of the space/geospatial domain	A series of training actions for different case-based learning scenarios in the sub-sectors 'integrated applications', 'smart cities' and 'climate change' including group work and internships making use of collaborative methods and tools

- Participate to the survey on the offer/demand
- Become an EO4GEO external expert

[www.eo4geo.eu](http://www.eo4geo.eu)

**INFO ON OUR WEBSITE**

Consortium

Co-funded by the Copernicus Programme

The vision of the Horizon 2020 project **CopHub.AC** is to establish a **long-term Copernicus hub** to consolidate and sustain the Copernicus Academy as **knowledge and innovation platform**.

To fulfill this several nodes will be created – like a new form of **research briefs, knowledge landscape, outreach and sustainability**. It will focus and link ongoing **R&D activities** in Copernicus-relevant academic fields and sustain the **innovation process** from academia to business on a **high scientific and technical level**.

We have a clear commitment to a **full thematic and geographic coverage** for a Europe-wide boost in demand-driven uptake of **space technology and geospatial information**.

**COPERNICUS ACADEMY**

Research Briefs → COPERNICUS ACADEMY MEMBERS (Copernicus Academy Gateway) → Thematic Working Groups

INNOVATE & SUSTAIN + CSO: Monitor CopHub.AC Ecosystem, CopHub.AC Innovation Monitor, Copernicus Academy Roadmap, Copernicus Academy Champion Award

OUTREACH: CopHub.AC 2 Citizen App, Training Elements

CONNECT + COPERNICUS RELAYS: Success Stories, Networks, Skills development / Education (Link to EO4GEO)

Co-funded by the Copernicus Programme

**CoRdiNet** is an open network of five very diverse **Copernicus Relays** with a coordinating function on local, regional, cluster and national level, supporting, promoting and stimulating digitalisation and new business solutions based on Earth Observation (EO) i.e. Copernicus data.

CoRdiNet is an **inclusive network**, establishing strategic relationships with key players in Copernicus user uptake ecosystem

Relays Network ↔ Synergies ↔ Academia Network

User Uptake Key Stakeholders (Relays and Academia)

Copernicus User Fora, Other Parties: Masters, Hackathons, Accelerators, Incubators (ESA BICs), Regional/local networks, clusters, innovation hubs, associations, Copernicus User Uptake Support Office

CoRdiNet's methodology for Copernicus market update is based on **three pillars**:

- Copernicus data and core service promotion;
- Fostering innovation driven by end-user needs;
- Increase end-user awareness.

Fostering innovation: End-users regional challenges and local needs → Creation of business relationships along the value chain to prepare Pilot Projects

Copernicus data and Core services dissemination: End-users awareness raising and Copernicus promotion → Collaboration with other User uptake key stakeholders

Increase awareness: Outreach on market uptake activities and results → Strategic coordination with other regional and local networks