

GEO-CRADLE brings together key players fully representing the Region of Interest (Balkans, North Africa and Middle East) and the complete EO value chain therein, with the **overarching objective of establishing a multi-regional coordination network** to:

- i. Support the **effective integration of existing EO capacities** (space/air-borne/in-situ monitoring networks, modelling and data exploitation skills, and past project experience),
- ii. Provide the interface for the **engagement of the complete ecosystem of EO stakeholders** (scientists, service/data providers, end-users, governmental organisations, and decision makers)
- iii. Promote the **concrete uptake of EO services and data in response to regional needs**, relevant to four thematic priorities: adaptation to climate change, improved food security, access to raw materials and energy
- iv. Contribute to the **improved implementation of and participation in GEO, GEOSS, and Copernicus in the region.**

In this context, GEO-CRADLE keeps inventorying the regional EO capacities and user needs, through **targeted interviews with key actors in the region and through the dissemination of dedicated surveys**. The findings of these activities in combination within a gap analysis enable the definition of region specific **(G)EO Maturity Indicators and common priority needs**. **Four feasibility studies** focus on these needs, demonstrating how the regional priorities can be tackled by the GEO-CRADLE Network. In parallel, GEO-CRADLE sets up a **Regional Data Hub**, which abides by the GEOSS Data Sharing Principles and facilitates access to and dissemination of region-related data.

Finally, the project elaborates a **roadmap for the future implementation of GEOSS and Copernicus in the region**, with the ultimate aim to enable sustainable exploitation of the regional infrastructures and capacities as well as informed decision-making.

Contact Info

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Coordinating and integrating state-of-the-art Earth Observation Activities

in the regions of North Africa, Middle East and Balkans and Developing Links with GEO related initiatives toward GEOSS

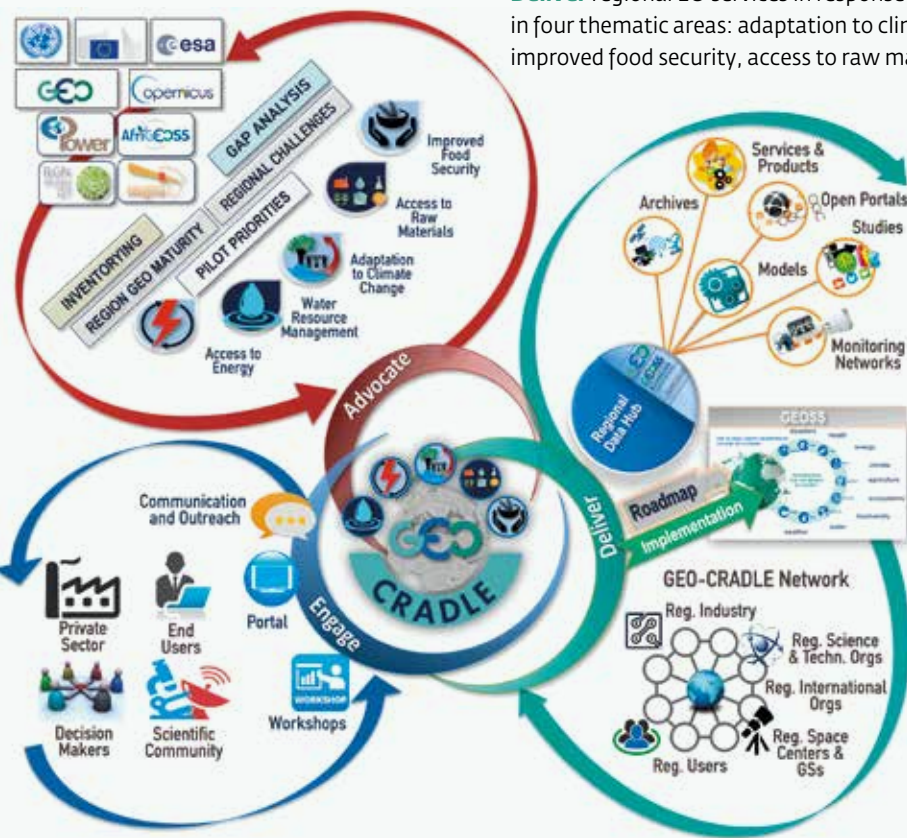
GEO-CRADLE

“ Strengthening the regional exploitation of Earth Observation data and information services towards improving food security and water extremes management, access to raw materials and energy, and adaptation to climate change ”



Objectives

Advocate for the importance of coordinated Earth Observation (EO) activities towards addressing regional challenges



Deliver regional EO services in response to regional needs in four thematic areas: adaptation to climate change, improved food security, access to raw materials and energy

Engage with the complete ecosystem of EO stakeholders (scientists, service/data providers, end-users, governmental organisations, and decision makers)

Deliver a concrete roadmap for the implementation of GEO, GEOS and Copernicus in the region

Expected Impacts

- **Better exploitation and coordination of regional EO capacities** by decision-makers and end-users
- **Improved EO data and information services** through the establishment of the Regional Data Hub
- **Increased EO business opportunities** for the private sectors, especially SMEs

GEO-CRADLE One-stop-shop

► **Building a Regional Data Hub that:**

- Provides **easy, centralised access** to region-related EO data
- Facilitates the **dissemination of EO data to the various regional stakeholders**
- Abides by the **GEOS Data Sharing Principles**
- Contributes to the **implementation of GEOS and Copernicus in the region**



25 Partners, 3 Continents, 1 Team

- **GEO-CRADLE** brings together a highly-complementary team combining a strong background in GEO-related coordination activities with proven excellence in the field of Earth Observation:
- Leading research institutes and universities
 - Highly-esteemed international associations
 - Service Providers with strong regional presence

