

# Earth Observation gaps and prioritization actions' Workshop

The workshop will present the results of gaps and priorities in EO coming from ConnectinGEO

**A tangible outcome of ConnectinGEO: a prioritized list of critical gaps in the EU in-situ Earth Observations**

The ConnectinGEO methodology is developed to:

- find gaps and recommend priorities and remedies in the Earth Observation data collection,
- link societal goals and targets to Essential Variables (EVs) required to monitor progress towards these goals and targets.

Divided in two phases:

- Gap analysis elicitation.
- Gap prioritization.

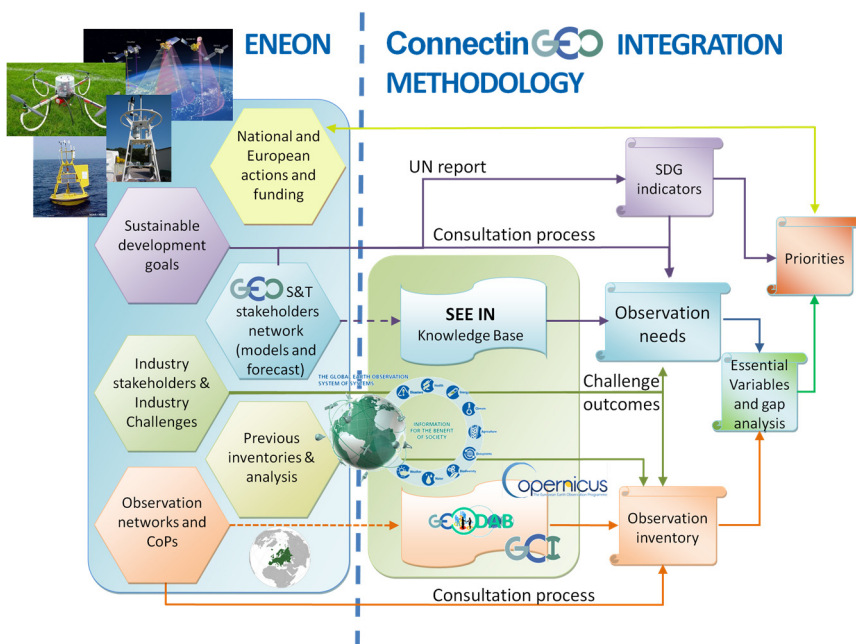
ConnectinGEO is seeking feedback at the end of the first loop on:

- Accuracy of the current detected gaps..
- New gaps not included yet.
- Criteria to set priorities (in terms of impact, feasibility and costs).

Gaps are extracted from: Sustainability goals and targets; international research and innovation programs, consultation process in the ENEON networks; observations in GEOSS DAB; gaps in creating business opportunities.

- Preliminary Workshop agenda**
- Session 1: Introduction to the ConnectinGEO Approach to Gap Analysis and Prioritization
  - Session 2: "Top-Down" approach to Gap Analysis: Thread 1: Identification of a collection of observation requirements; Thread 2: Research programs aims and targets
  - Session 3: "Bottom-Up" approach to Gap Analysis: Thread 1: Consultation process
  - Session 4: "Bottom-Up" approach to Gap Analysis: Thread 2: GEOSS DAB analysis
  - Session 5: "Bottom-Up" approach to Gap Analysis: Thread 3: Industry-Driven Challenges
  - Session 6: Assessment of the Gaps Identified so far and Steps Towards Prioritization

**ConnectinGEO** is a Coordinate and Support Action of the Horizon2020 program aiming to link existing Earth Observation networks with science, private sector and with GEOSS and Copernicus stakeholders. Main objectives are to enable ENEON and to provide the EC with a gap analysis among existing EO networks prioritizing the **Sustainable Development Goals** and the **Essential Variables**.



## ConnectinGEO methodology threads

**Top-down approach:** derive sustainability indicators needed to monitor progress towards GEOSS Strategic Targets and SDGs and infer the EV.

**Top-down approach:** incorporate to international programs: Future Earth, Belmont Forum, and the Research Data Alliance.

**Bottom-up approach:** direct dialog with members of ENEON

**Bottom-up approach:** through an observation inventory populated from the GEODAB and the SEE IN Knowledge Base.

**Bottom-up approach:** SMEs participation in pilots to transfer experiences between CoPs and generate new products based on open access GEOSS EO data.

More information about the **workshop**:  
[www.gstss.org/2016\\_Laxenburg\\_Gaps/](http://www.gstss.org/2016_Laxenburg_Gaps/)

More information regarding **ConnectinGEO**:  
[www.connectingeo.net](http://www.connectingeo.net)

Instructions for registration here: [http://www.gstss.org/2016\\_Laxenburg\\_Gaps/registration.php](http://www.gstss.org/2016_Laxenburg_Gaps/registration.php)  
 During the registration you will be able to tell us if you are proposing a presentation