

# Belmont Forum

## E-INFRASTRUCTURES & DATA MANAGEMENT

Collaborative Research Action

### ConnectinGEO

Joan Masó, CREAM

Scoping Workshop

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# CONNECTINGEO DESCRIPTION

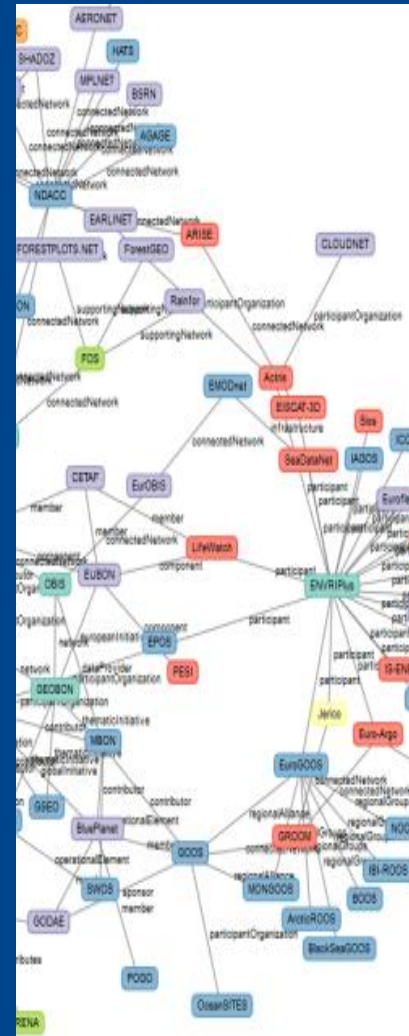
- ConnectinGEO is a Coordinate and Support Action of the Horizon2020 program aiming to link existing Earth Observation networks with science, private sector and with GEOSS and Copernicus stakeholders.
- Main objectives are
  - to enable ENEON and
  - to provide the EC with a gap analysis among existing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



# E-INFRASTRUCTURES & DATA MANAGEMENT

Analysis of GEOSS Common Infrastructure datasets  
Building an **Observations inventory**

The **ENEON commons** is supporting the network of networks by providing an open and inclusive computer-based collaboration environment that facilitates the discovery, execution, reuse and creation of knowledge from in-situ network's digital offerings and activities. A **collaborative environment** offered through a web portal. It offers information, e.g. a queryable graph of networks and their offerings. It accepts questions that are redirected to the right network experts



# E-INFRASTRUCTURE AND DATA MANAGEMENT ISSUES

Incomplete metadata generation and lack of comparable data quality documentation

The lack of association of datasets to the EV semantics

The lack of comprehensive research infrastructures and networks inventory

Lack of coordination of the research infrastructures

Lack of knowledge databases in connection to policy making

# EXPECTATIONS FROM E-I&DM CALL

Having a environment where observations, datasets, networks of EO and research infrastructures are coordinated (classified and connected by EVs)

**Scientists** should be able to find the right observation types and document observation requirements to deal with multidisciplinary problems

→ from EV to integrated data and observations

**Policy makers** and GEOSS should be able to formulate questions and get interpretations and options from data providers working with their experts.

→ from data to knowledge

