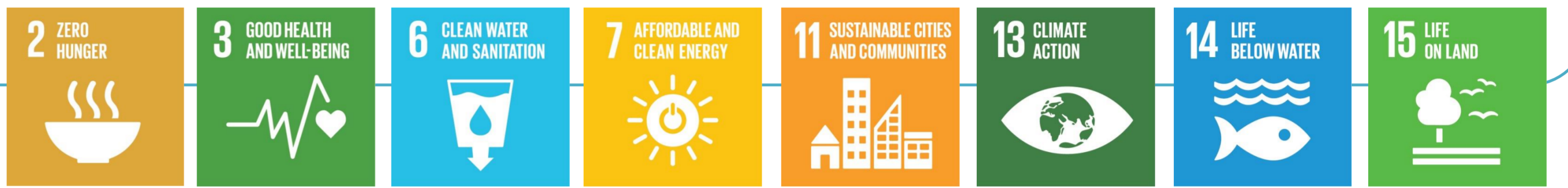


# ConnectingGEO ENEON

Coordinating an Observation Network of Networks EnCompassing saTellite and IN-situ to fill the Gaps in European Observations (SC5-18a-2014-H2020 - 641538)

**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**.

[www.connectingeo.net](http://www.connectingeo.net)



## Preliminary results on EO gap analysis

176 gaps identified coming from 5 threads:

- **Top-Down Thread 1 (TDT1)**. Identification of a collection of observation requirements and specifications from generic goals for sustainability as expressed in the GEOSS Strategic Targets, the SDGs, and the adherence to the planetary boundaries.
- **Top-Down Thread 2 (TDT2)**. Incorporation of material from international programs such as Future Earth, Belmont Forum, the Research Data Alliance and community assessments of socio-economic benefits of Earth observations.
- **Bottom-Up Thread 1 (BUT1)**. A consultation process in the current EO networks, consisting of collaboration platforms, surveys and discussions at workshops and even involvement of citizen science.
- **Bottom-Up Thread 2 (BUT2)**. A careful analysis of the observations and measurements that are currently in GEOSS Discovery and Access Broker complemented by other means (e.g. scientific literature).
- **Bottom-Up Thread 3 (BUT3)**. The realization of a series of real industry-driven challenges to assess the problems and gaps emerging during the creation of business opportunities.

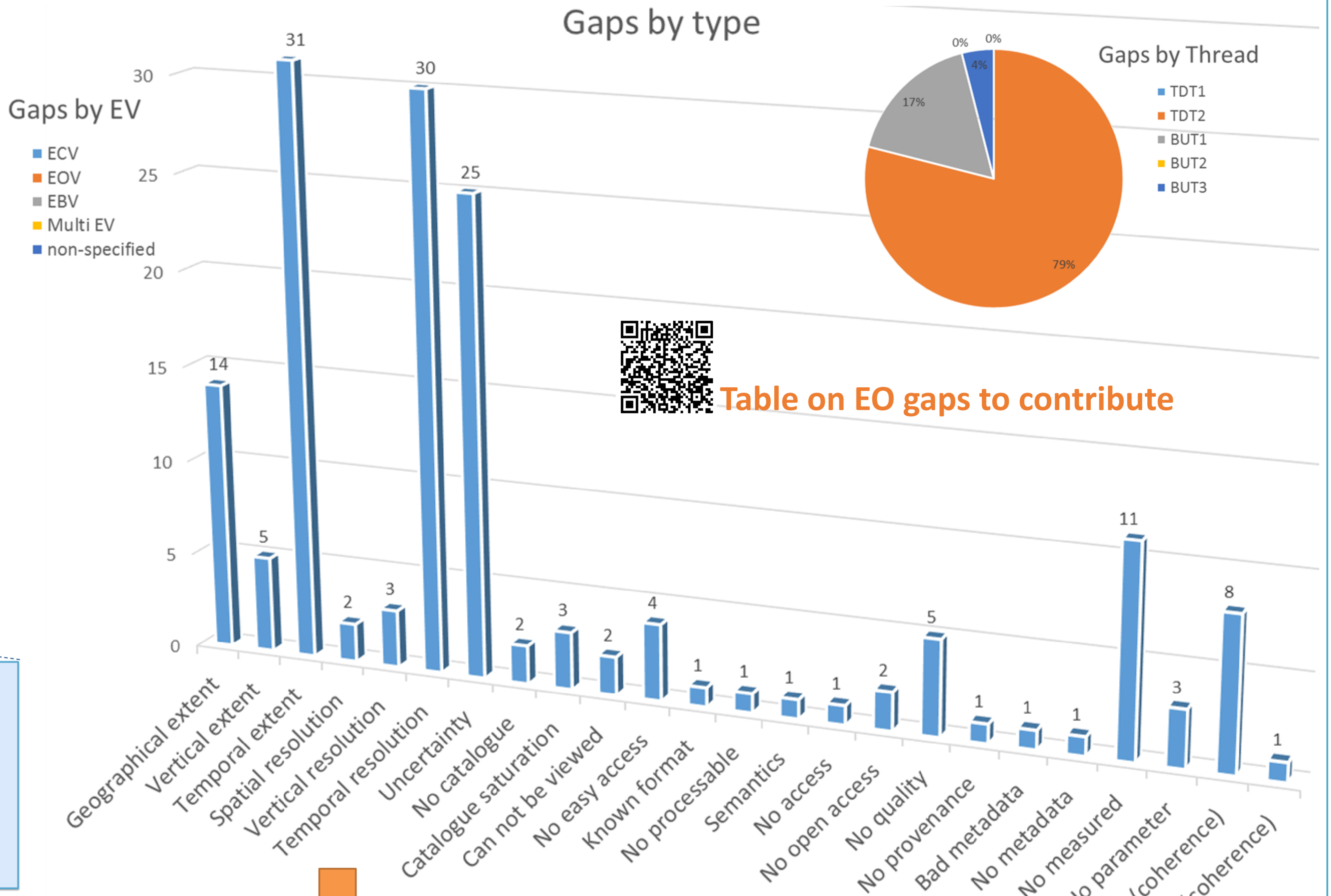
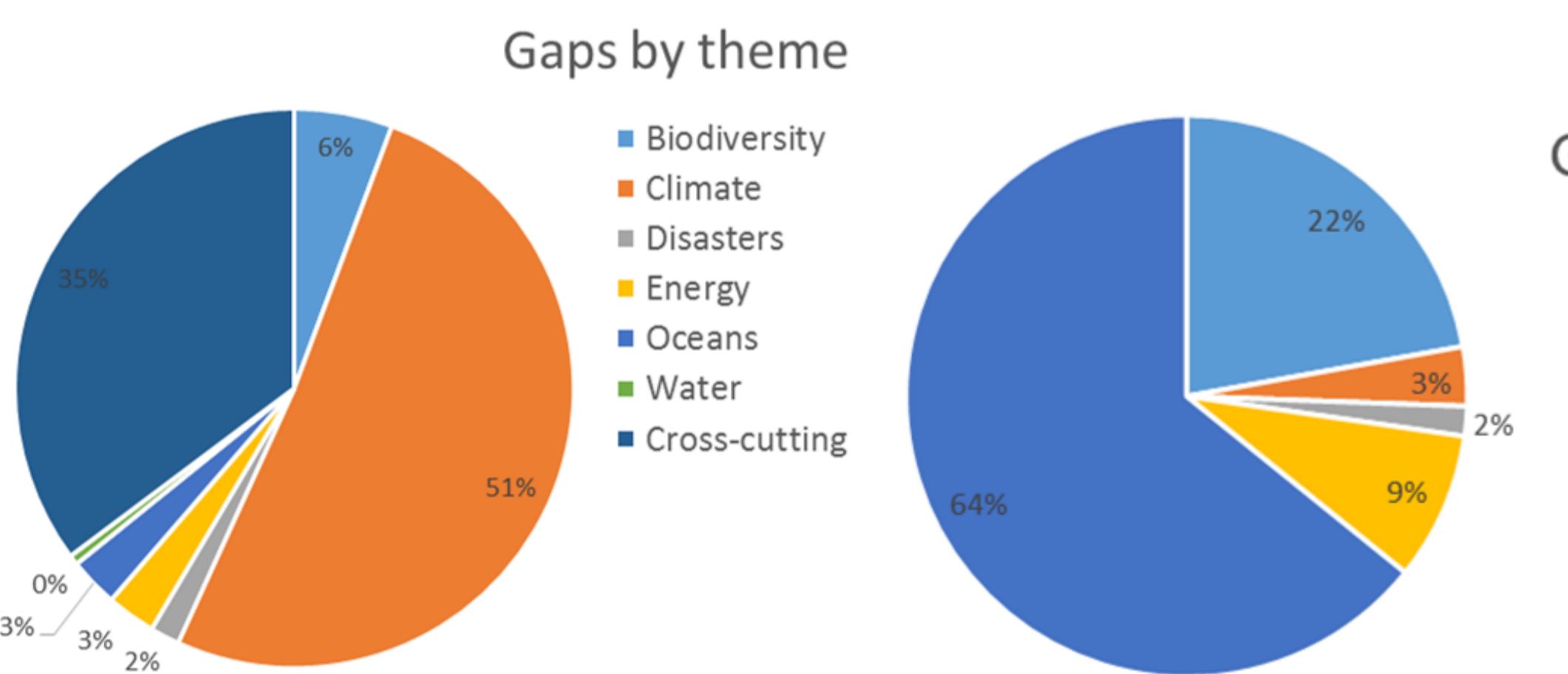
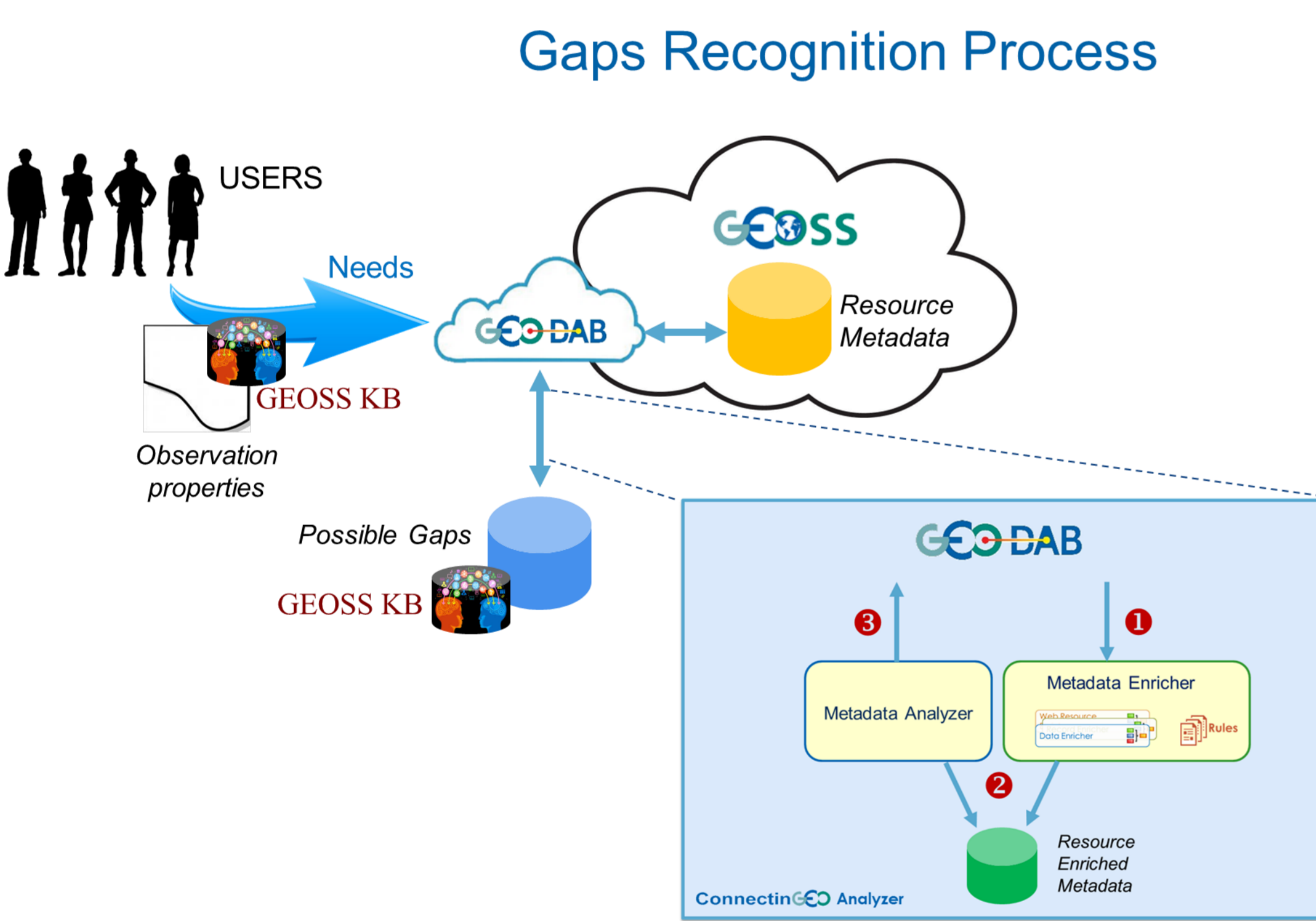
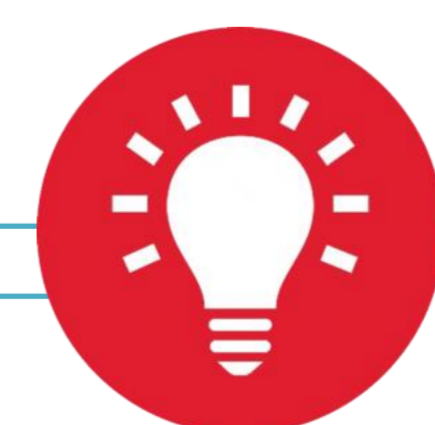


Table on EO gaps to contribute



## Main results on ENEON

Next step: gaps prioritization



## Other important results

### Map of EV on all domains

- EVs current status in different communities and way to move forward [D2.2]
- Proposal of EVs for selected themes [D2.3]

### Map of SDG related to gaps

- Report on observations, measurements and gaps in observation systems reported by the communities [D3.4]

**Call for Paper: Special issue on 'Environmental and socio-economic methodologies and solutions towards integrated Essential Variable definition and generation**

