

In-situ observations requirements database as a tool to search for data that fit for the needs of the GEO initiatives

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As part of the strategy of the in-situ subgroup of the data working group, we want to work towards fulfilling user needs.

What is missing

The GEO Portal is a tool to discover and access what data GEO has.

Users submit their queries with a hope that they will find what their need.

What happens if "their" needs are not covered?
 How we can know and organize user needs?

Our response

G-reqs is a database tool and a **standard methodology** designed to **collect requirements** for in-situ data for the benefit of GEO activities.

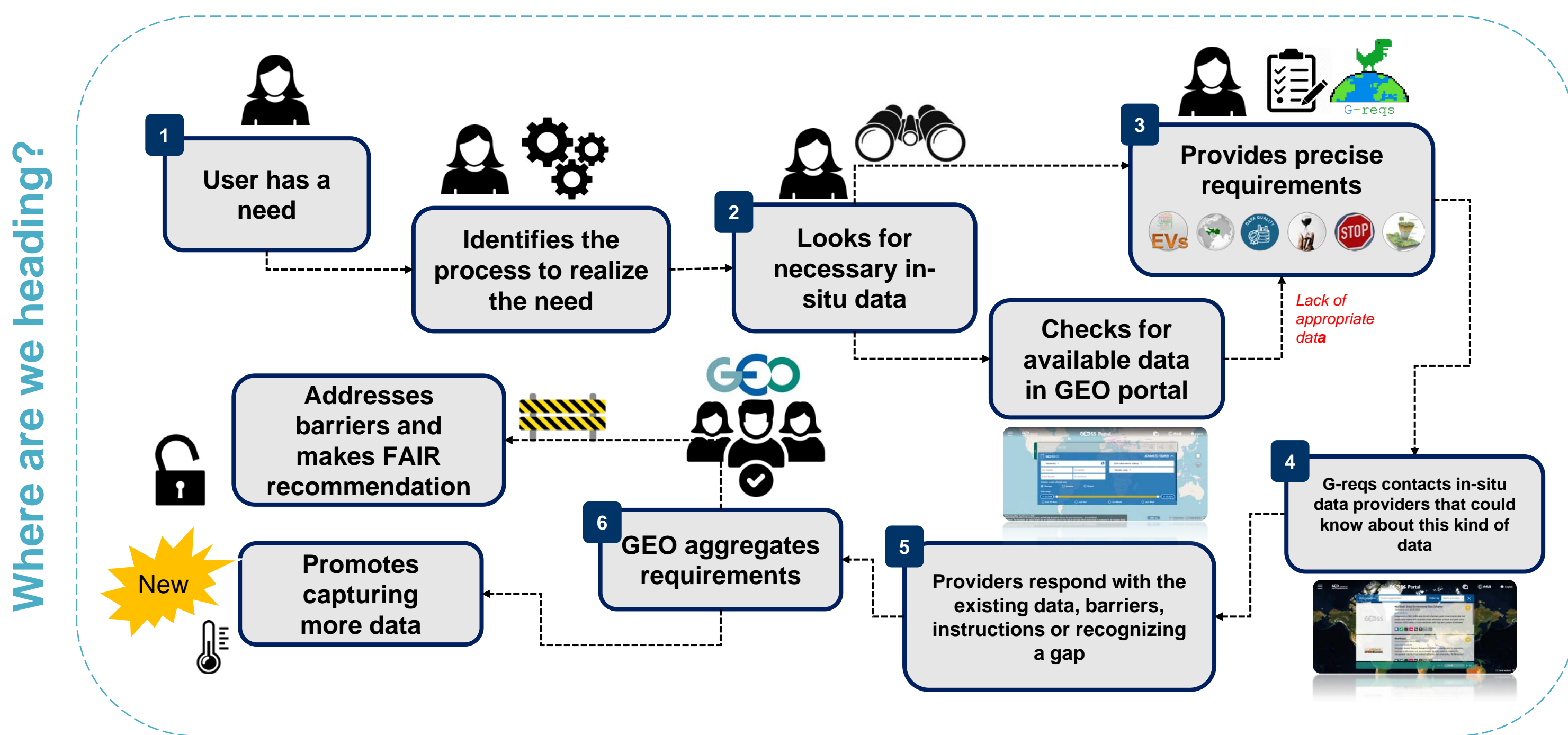
We want to know if current in-situ datasets meet user requirements, if current data is only partially useful, if there are barriers to access and use, or if new data should be collected.



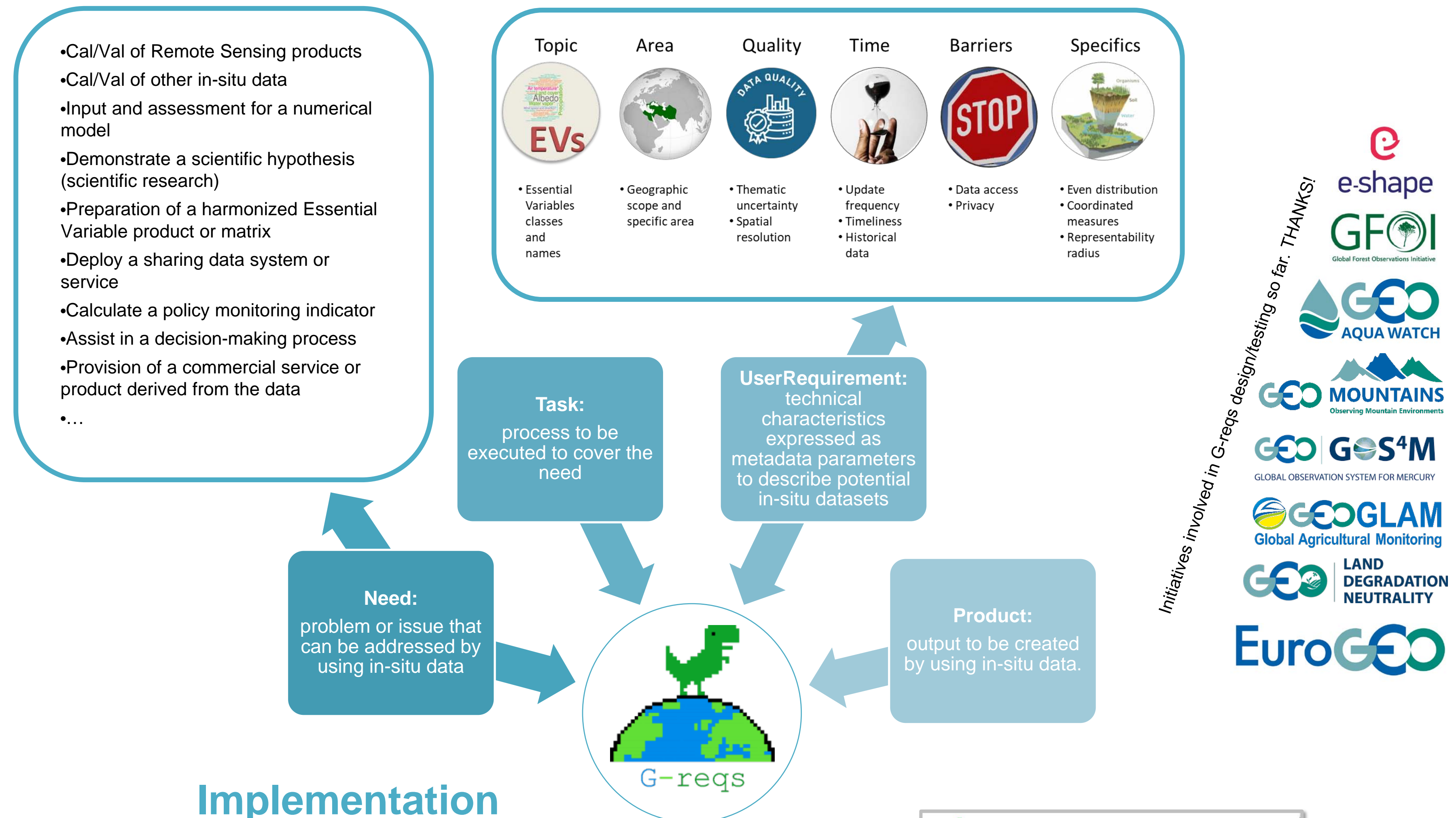
G-reqs
Geospatial in-situ requirements

Based on previously recognized approaches

G-reqs is based on ISO 19101-1:2014 reference data model for standardization in the field of geographical information and previous practical implementation for collecting requirements such as WMO OSCAR and Copernicus CIS².



Conceptual model



Implementation

G-reqs is available at <https://www.g-reqs.grumets.cat/>

A **web application** was developed and can be directly accessed at <https://maps.eea.europa.eu/EuroGEO/dev/>

You can also ask for an interview where we will guide you in the process of documenting in-situ data requirements.

We provide FAIR access to the G-reqs database.

