

## **The GEO-CRADLE Regional Data Hub tool: A vision for a regional GEOSS Portal**

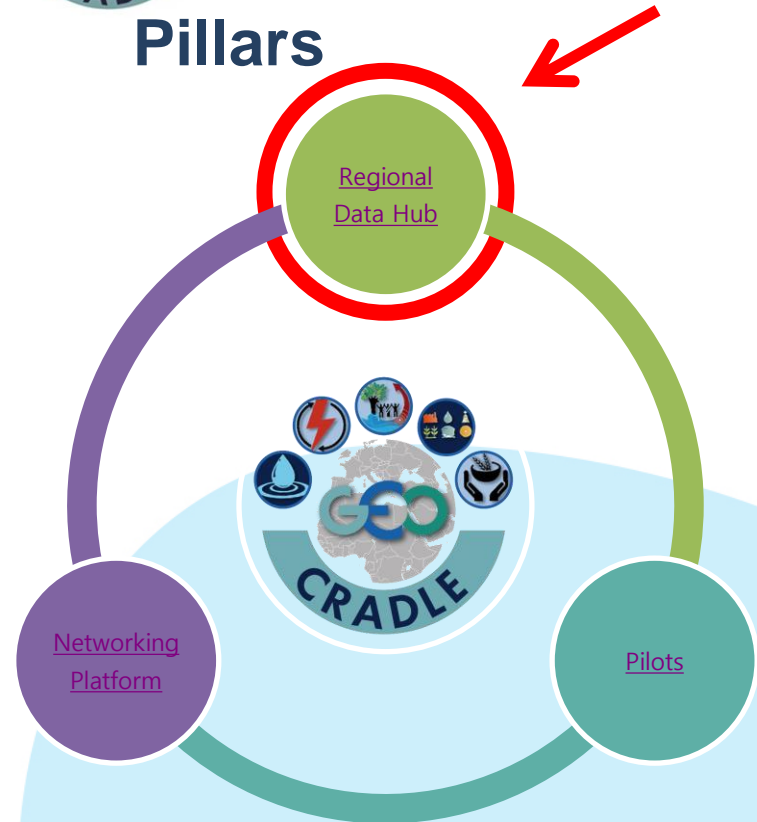
**Dr. Anna POLYCHRONIOU, Data Collection & Analysis**  
**Mr. Vassilis TSIRONIS, Software Development**  
**Dr. Haris KONTOS, Project Coordinator**



# The Project



## Pillars



## Objectives

- **Promote** the uptake of EO services and data in response to regional needs
- **Support** the effective integration of existing Earth Observation Capacities in the region
- **Facilitate** the engagement of the complete ecosystem of EO stakeholders in the region
- **Enhance** the participation in and contribution to the implementation of **GEOSS** and **Copernicus** in **North Africa, Middle East** and the **Balkans**

## Participants & Thematic Areas

- ❑ 25 partners from 3 continents
- ❑ 4 Thematic Areas
  - Adaptation to Climate Change
  - Improved Food Security & Water Extremes Managements
  - Better Access to Raw Materials
  - Better Access to Energy



# The Regional Datahub or GCRD



## DATA

### Regions of Interest

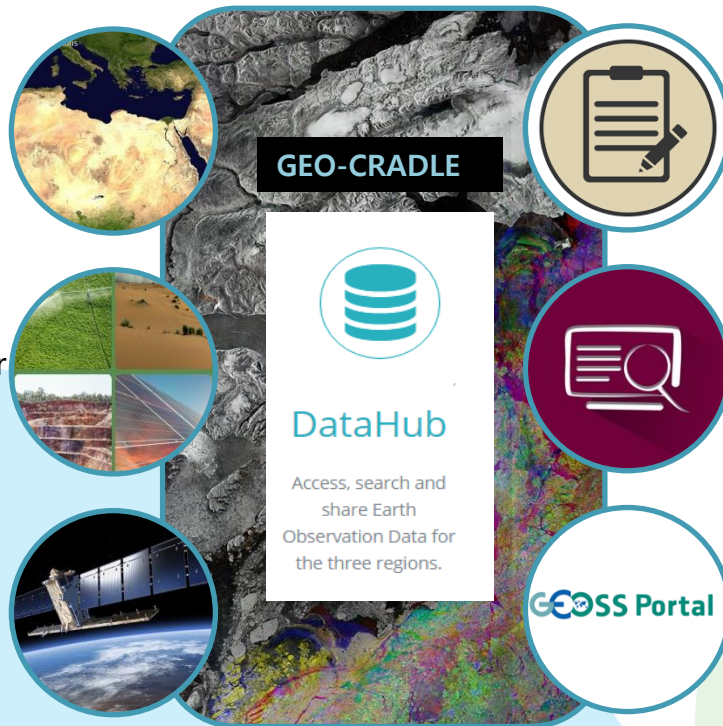
- Balkans
- Middle East
- North Africa

### Thematic Areas

- Climate Change
- Food Security & Water
- Extremes
- Raw Materials
- Energy

### EO Data Categories

- Space borne
- Ground based
- Modelling
- Data exploitation



## DATA PROVIDERS

### GEO-CRADLE Survey

- 10 national portals and sites
- Portals in total:**  
42 national  
54 national & international

### Desk Research

- 32 national portals and sites
- 12 continental and global portals and sites

### GEOSS Portal

- 25.131.225 datasets



# Data Providers in numbers



## National sites and portals



Adaptation to  
Climate Change



Improved Food  
Security and  
Water Extremes  
Management



Better access to  
Raw Materials



Better access to  
Energy

Total Number of  
Portals per Rol  
(unique)



Balkans



Middle East



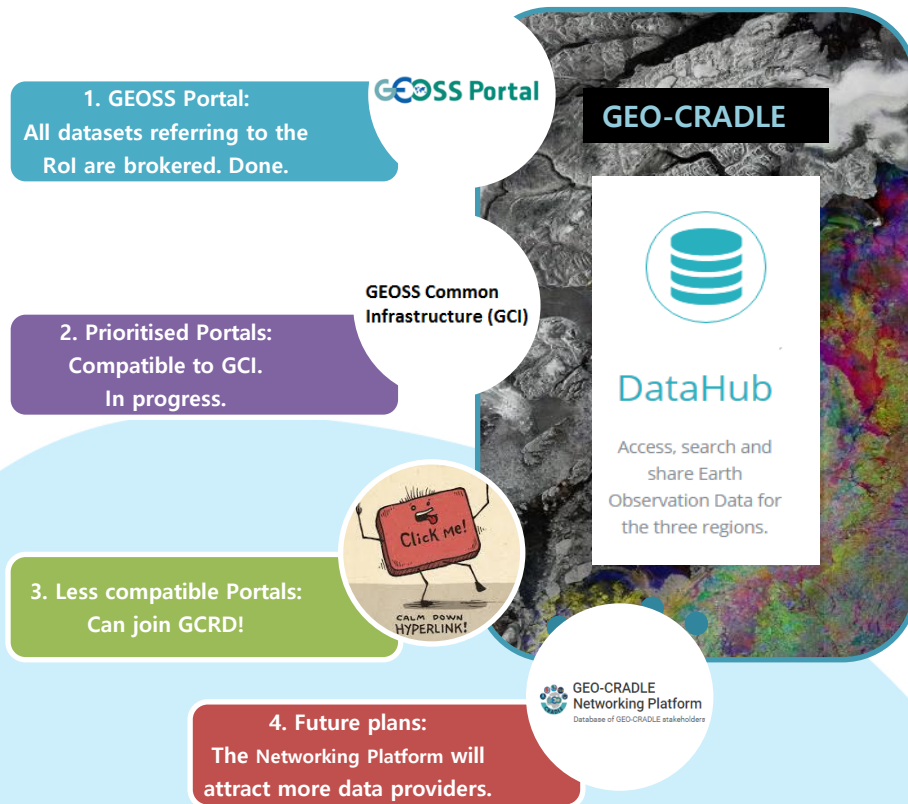
North Africa

Total Number  
of Portals per  
Thematic Area

16	17	8	3	23
6	8	1	2	18
0	1	0	0	1
22	26	9	5	Total number of portals and sites: 42



# Brokering new portals



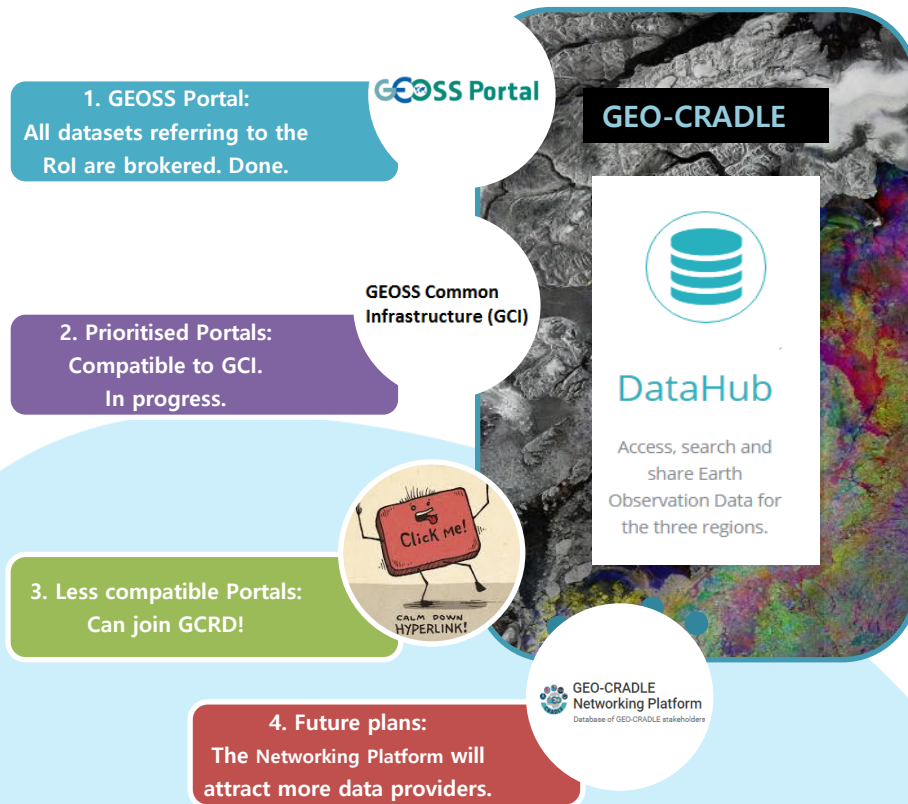
## 1. Step

Developing a Regional GEOSS Portal:

25.131.225 datasets to be brokered from GEOSS Portal, only the ones referred to the RoI of GEO-CRADLE.



# Brokering new portals



## 2. Step

According to GCI team:  
a Top-14 (out of 54) national  
portals is more compatible to  
GCI standards and offer free  
and open data.

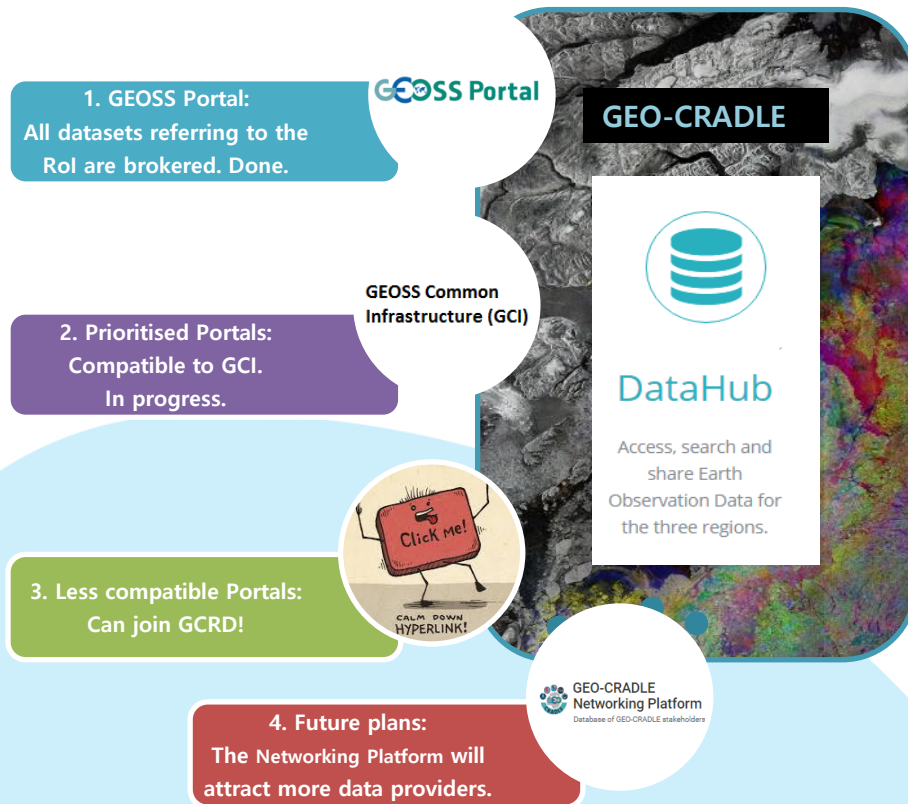
Six out of 14 portals are positive  
to join GCRD.

[The List of Top-14.](#)





# Brokering new portals



## 3. Step

The rest (national and international) portals & sites have:

1. less compatible infrastructure or/and
2. restricted policies on data sharing

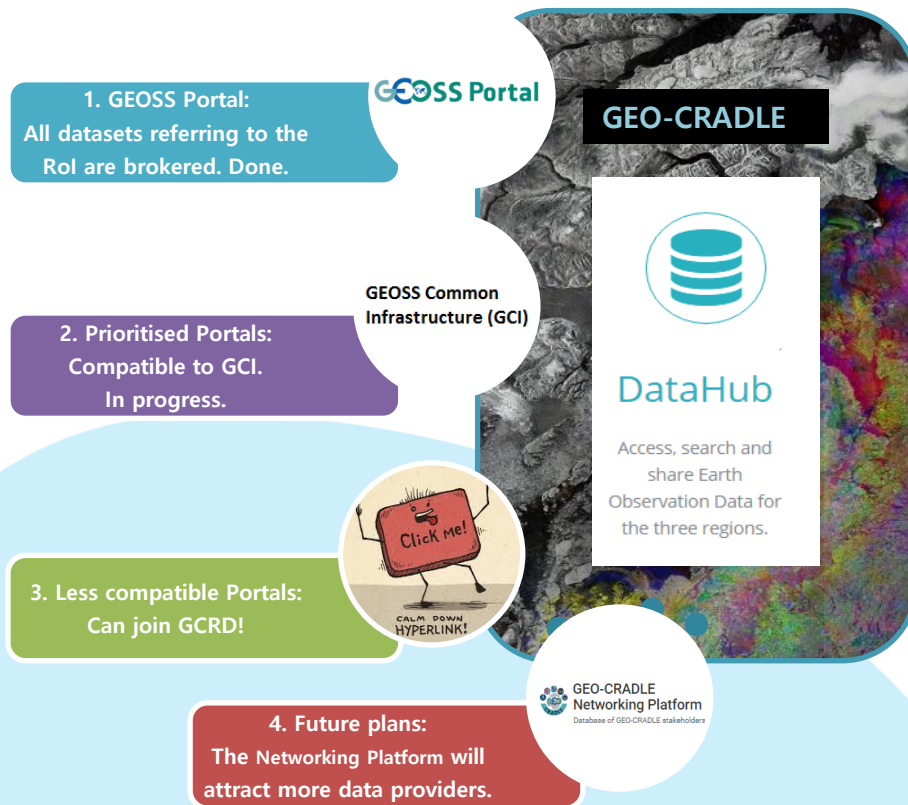
Will be:

- tagged with keywords and
- returned as links.

User can search/access data manually & according the policy of each portal.



# Brokering new portals



## INVITATION !

To all data providers of this workshop.

If your EO data refer to:

- Balkans or
- Middle East or
- North Africa

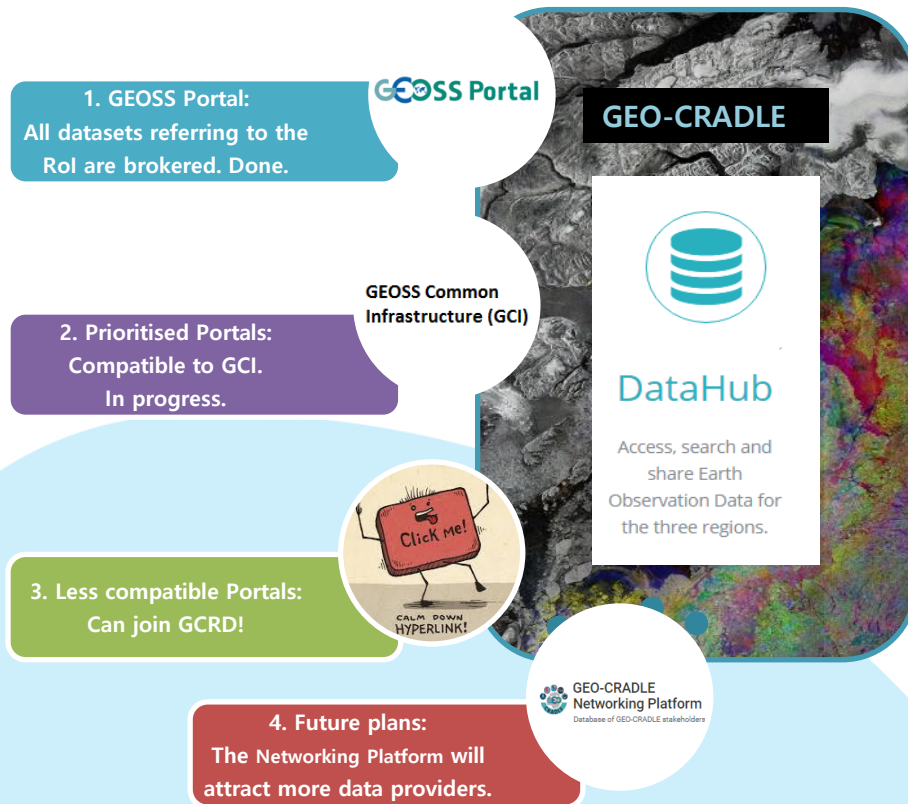
Please join GEO-CRADLE Regional DataHub (GCRD)!!

**geocradle@noa.gr**





# Brokering new portals



## 4. Step

Networking Platform:  
GEO-CRADLE Database  
of Stakeholders

**To join the network follow the link  
to create your profile:**

<http://cpdev.crowdpolicy.com/geo-cradle-stakeholders/>



**Thank you!**

The bottom of the slide is decorated with three large, overlapping, rounded shapes. On the left is a large light blue shape. To its right are two smaller, vertically stacked shapes: a light green one on top and a light pink one on the bottom.



# Prioritised Portals

a/a	Portals	Brokered by GEOSS
1.	Danube Reference Data and Services Infrastructure (DRDSI)	Done
2.	Eusoils	In progress
3.	Albania - <a href="#">GEOportal</a>	Pending answer
4.	Montenegro - <a href="#">GEOportal</a>	Pending answer
5.	Croatia - <a href="#">GEOportal</a>	Pending answer
6.	Moldova - <a href="#">National geospatial data of Moldova</a>	In progress
7.	FYROM – <a href="#">Soil information system</a>	Pending answer
8.	Bosnia & Herzegovina - <a href="#">GEOportal</a>	Pending answer
9.	REP of SRPSKA - <a href="#">GEOportal</a>	Not working currently
10.	Slovenia- <a href="#">Portal</a> and <a href="#">Forest Data Viewer</a>	Pending answer
11.	Cyprus - <a href="#">Geoportal</a>	In progress
12.	Cyprus - <a href="#">Air quality</a>	In progress
13.	United Arab Emirates - <a href="#">Abu Dhabi Geospatial Portal and Map Viewer</a>	Pending answer
14.	Poland - <a href="#">Central geological Db</a>	Pending answer

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