

## INSPIRE Geoportal

**JRC INSPIRE Team** 



74th MIG-T meeting – April 28, 2023

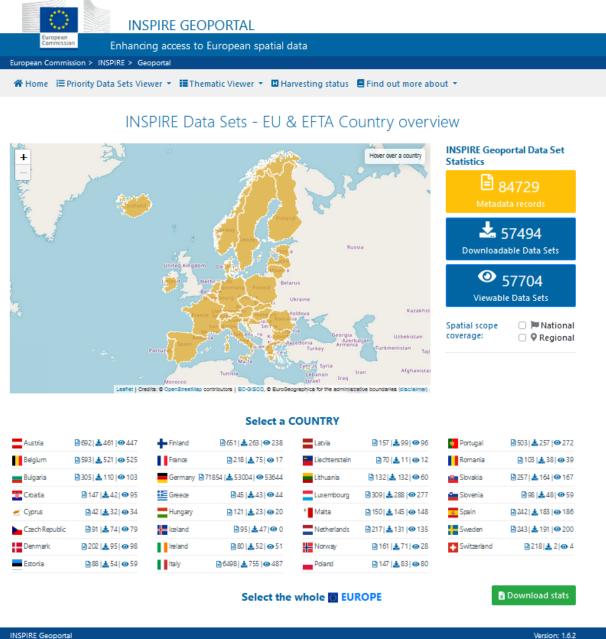


### **INSPIRE Geoportal** Revamp

https://inspiregeoportal.ec.europa.eu

Main access point to **INSPIRE** Infrastructure tools and resources.

- Main focus: INSPIRE M&R.
- Revamp on-going using the GeoNetwork-based backend.



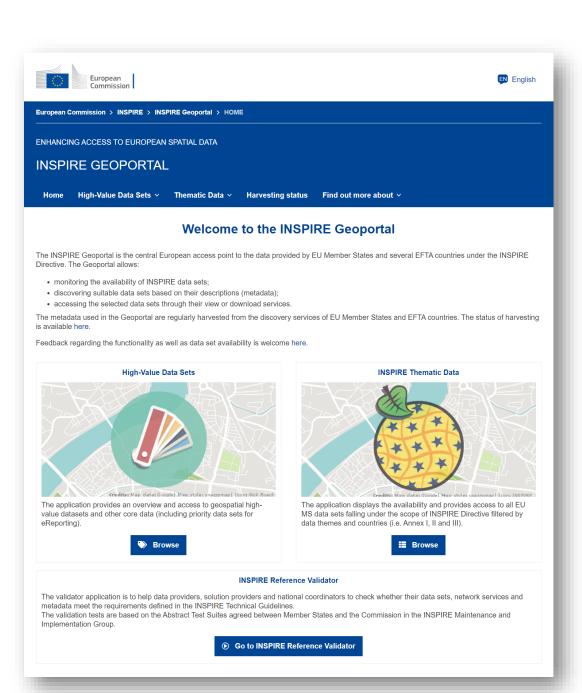
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### INSPIRE Geoportal Revamp – User interface

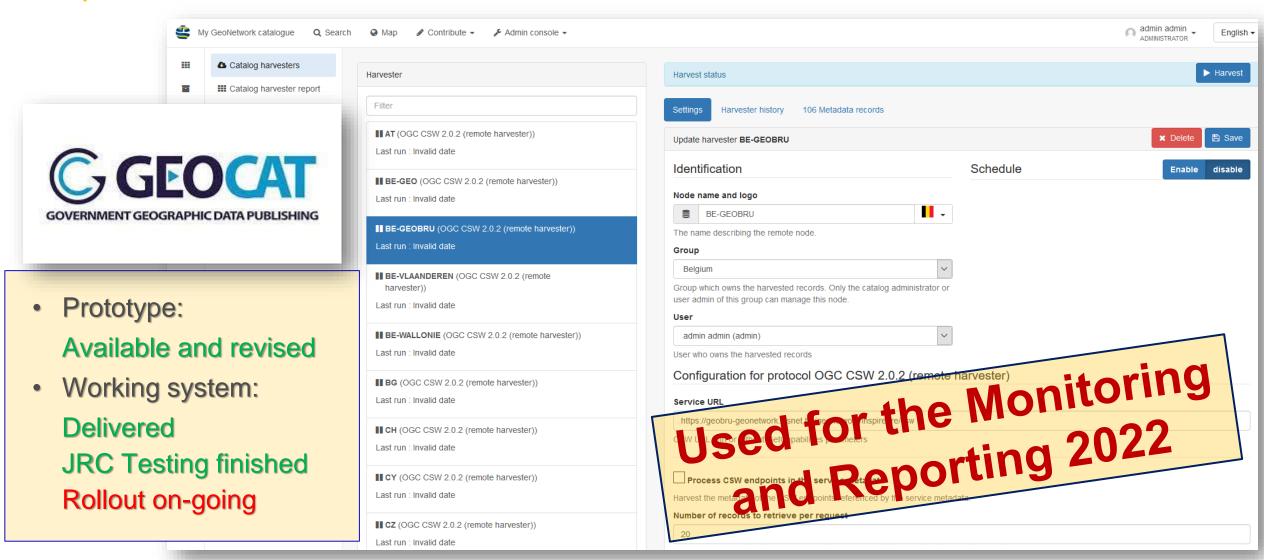
#### User interface

- Ready to be launched New user interface integrated within the new GeoNetwork backend.
- Including filtering by High Value Datasets (HVDs).

Based on Implementing Act on HVDs.



## INSPIRE Geoportal Revamp – Backend: GeoNetwork (AWS cloud)



# Revamped INSPIRE Geoportal Status and On-going work

#### **Harvesting console**

New harvesting console available. On request for large catalogues (DE, IT).

#### **Testing**

- How to improve reliability and performance (e.g. database ingestion)
  - Tuning configuration for each service component (service interaction, memory assignation).
  - Periodical cleaning of RAM memory.

#### **Security assessment**

- Some vulnerabilities identified during the (internal) security assessment.
- Looking for additional stakeholders willing to collaborate in stabilizing GeoNetwork v4.2

#### **Revamped INSPIRE Geoportal rollout**

- <u>Precondition</u>: Resolve system vulnerabilities and EU Login integration.
- On-going: Preparation of documentation for security assessment (JRC).



# Revamped INSPIRE Geoportal Next steps

#### **Revamped INSPIRE Geoportal rollout**

On-going work – Objective: in time for the Monitoring and Reporting work.

#### **Preparing new service contract**

#### Backend fine tuning

- Improvement of dataset accessibility analysis, including INSPIRE identifier checks and ATOM feeds processing.
  - Improve support for (complex) OGC Filters in GeoNetwork.
  - Solve the anomaly on accessibility of datasets (downloadable and viewable indicators).

#### **Data-service Linking Simplification**

Complete the implementation of the good practice in the Geoportal (and Validator).

#### Completing missing functionalities from the Classic INSPIRE Geoportal



## Thank you!





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