



Present and future of metadata catalogues at pan-European level – The INSPIRE Geoportal

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INSPIRE Geoportal

- Central point of access to all data shared under INSPIRE:
 - harvests national catalogues (does not store any data)
 - allows to search, view and download datasets
 - available filters:
 - priority datasets for environmental reporting
 - INSPIRE data themes



INSPIRE GEOPORTAL

Enhancing access to European spatial data

European Commission > INSPIRE > Geoportal

[Home](#) [Priority Data Sets Viewer](#) [Thematic Viewer](#) [Harvesting status](#) [Find out more about](#)

Welcome to the INSPIRE Geoportal

The INSPIRE Geoportal is the central European access point to the data provided by EU Member States and several EFTA countries under the INSPIRE Directive. The Geoportal allows:

- monitoring the availability of INSPIRE data sets;
- discovering suitable data sets based on their descriptions (metadata);
- accessing the selected data sets through their view or download services.

The metadata used in the Geoportal are regularly harvested from the discovery services of EU Member States and EFTA countries. The status of harvesting is available [here](#).

Feedback regarding the functionality as well as data set availability is welcome [here](#).

Priority Data Sets Viewer



Credits: Map data: Google | Map style: snazzymap | Icons: Nick Roach

The application displays the availability and provides access to the selected priority data sets ¹ used for environmental reporting. It allows filtering by environmental domain, environmental legislation and country, as well as individual priority data sets.

[Browse Priority Data Sets](#)

INSPIRE Thematic Viewer



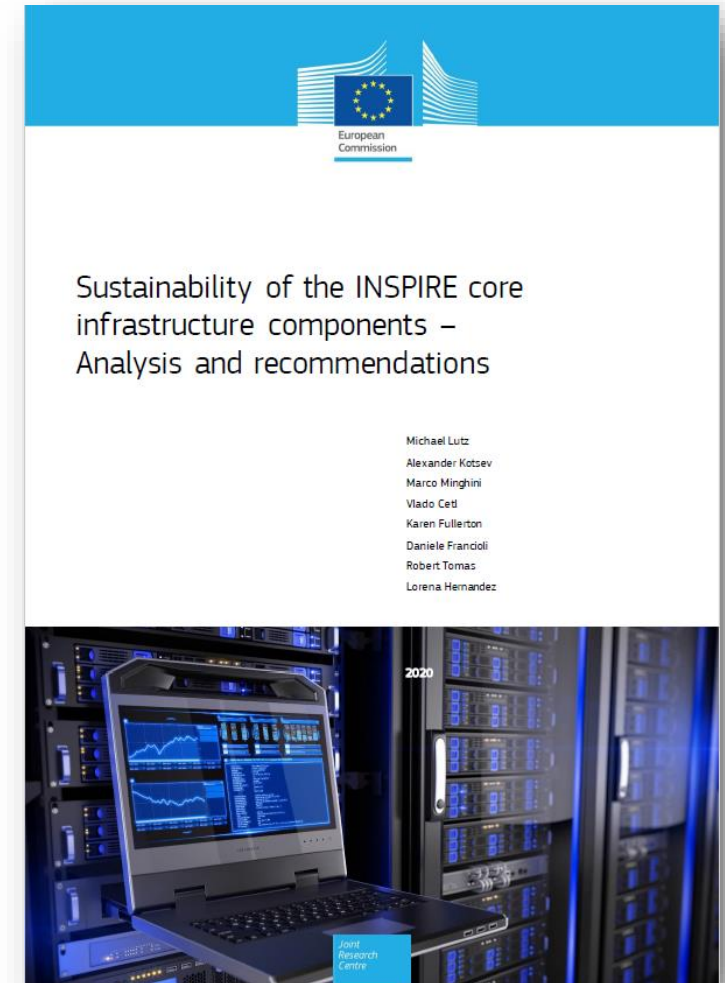
Credits: Map data: Google | Map style: snazzymap | Icons: INSPIRE

The application displays the availability and provides access to all EU MS data sets falling under the scope of INSPIRE Directive filtered by data themes and countries (i.e. Annex I, II and III).

[Browse INSPIRE Thematic Data Sets](#)

INSPIRE central infrastructure components

- Sustainable evolution of the INSPIRE central infrastructure components by:
 - focusing on the INSPIRE specificity and not on mainstream tool development
 - using of existing, mature open source software
 - harmonising the approach for helpdesks
 - extensively using the cloud to host the tools
 - improving transparency and dialogue with Member States
 - building strategic partnerships with stakeholders & software communities



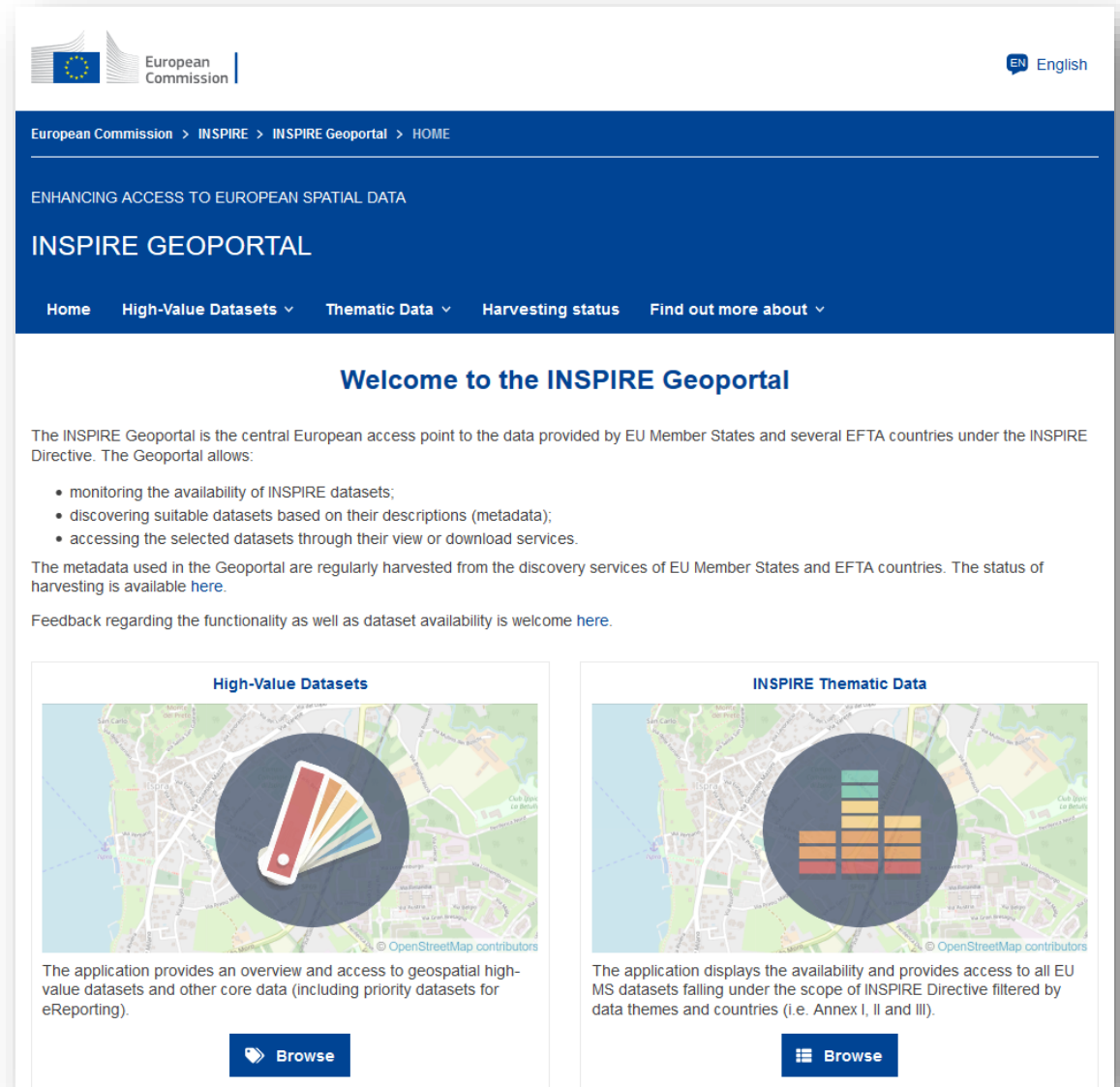
INSPIRE Geoportal – Backend

- Re-engineered **backend** based on GeoNetwork:
 - aligned with GeoNetwork's plan to move to **micro-services**
 - main focus is on the **harvesting module**
 - direct contribution to the main branch (no forks) to ensure **sustainability**
 - **containerisation** & **cloud** hosting
- Prototype **under development**, production version ready in early 2022



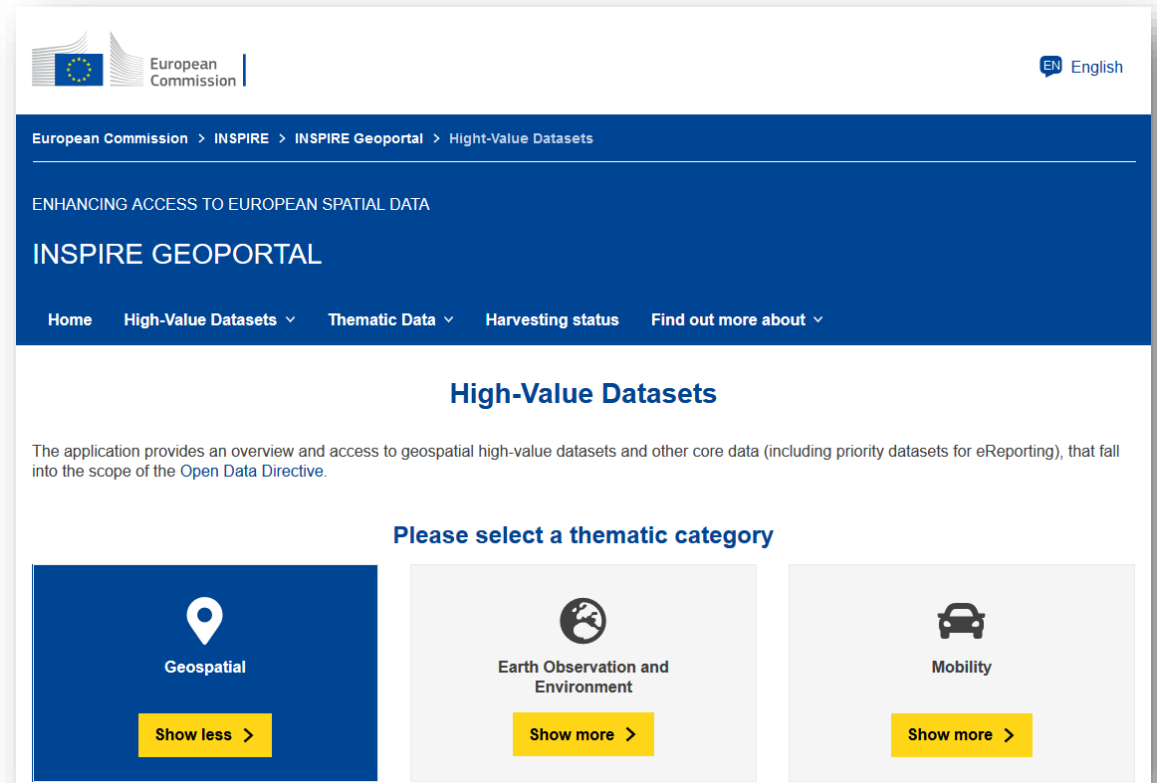
INSPIRE Geoportal – Frontend

- New **frontend** to include an additional filtering option:
 - by **high-value datasets** – based on the upcoming Implementing Act following the 2019 Open Data Directive







INSPIRE Geoportal – Frontend

- New **frontend** to include an additional filtering option:
 - by **high-value datasets** – based on the upcoming Implementing Act following the 2019 Open Data Directive
 - thematic categories:
Geospatial, **Earth Observation and environment**, **Mobility**



INSPIRE Geoportal – Helpdesk

- Migrated to [GitHub](#) within the INSPIRE-MIF organisation:

<input type="checkbox"/>	<input checked="" type="radio"/> 23 Open	<input checked="" type="radio"/> 35 Closed	Author ▾	Label ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>	<input checked="" type="radio"/>		Geoportal doesn't display the download services of our datasets #57 opened on 24 Sep by LauraAlemany					
<input type="checkbox"/>	<input checked="" type="radio"/>		INSPIRE Geoportal Harvesting Console #55 opened on 13 Sep by trodin					
<input type="checkbox"/>	<input checked="" type="radio"/>		DE: request for a new harvesting harvest error harvest result manual harvest request					3
#54 opened on 13 Sep by gdi-de-sara								
<input type="checkbox"/>	<input checked="" type="radio"/>		INSPIRE Discovery CSW 2.0.2 is not INSPIRE compliant #53 opened on 8 Sep by DeordD					
<input type="checkbox"/>	<input checked="" type="radio"/>		Resource linkages checker tool problem #52 opened on 13 Aug by marcingrudzien					
			2					
<input type="checkbox"/>	<input checked="" type="radio"/>		DE: request for a new harvesting bug harvest error manual harvest request					11
#49 opened on 13 Jul by alitka								
<input type="checkbox"/>	<input checked="" type="radio"/>		INSPIRE GEOPORTAL doesn't recognize SDI Digital certificate- SPAIN bug geoportal core harvest result					4
more info needed								
#48 opened on 9 Jul by MarisolGomezAndres								
<input type="checkbox"/>	<input checked="" type="radio"/>		Add organisation name in table with dataset issues enhancement					1
#44 opened on 24 Jun by idevisser								

<https://github.com/INSPIRE-MIF/helpdesk-geoportal/issues>

Thank you!



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