MIWP Action 2.4
Central INSPIRE Infrastructure Components

INSPIRE Geoportal

JRC INSPIRE Team
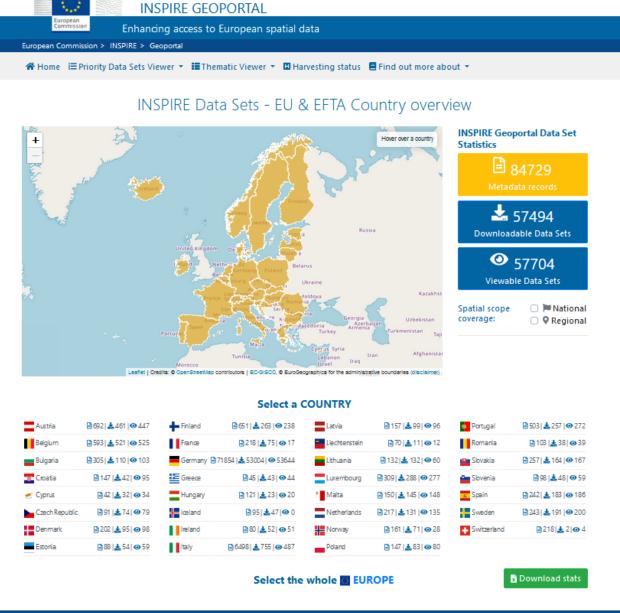
70th MIG-T meeting – July 7, 2022

INSPIRE Geoportal
Revamp

https://inspire-
geoportal.ec.europa.eu

Main access point to
INSPIRE Infrastructure tools
and resources.

- Based on own development.

- Main focus: INSPIRE M&R.

- Being revamped using a
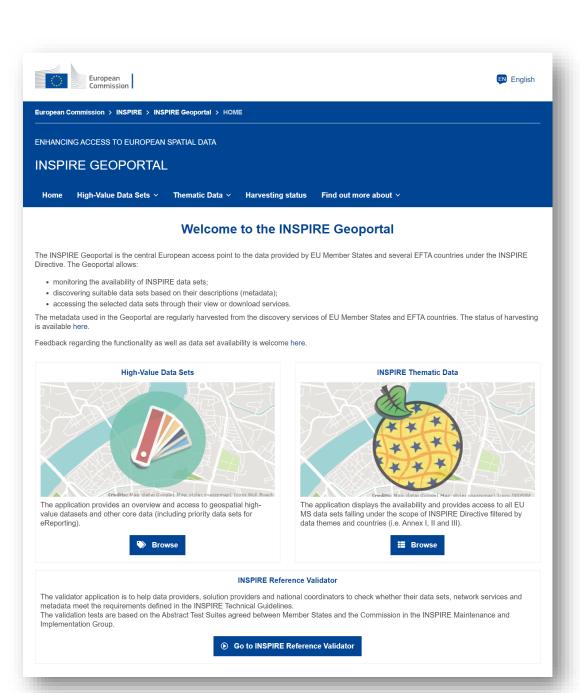 GeoNetwork-based backend.

INSPIRE Geoportal
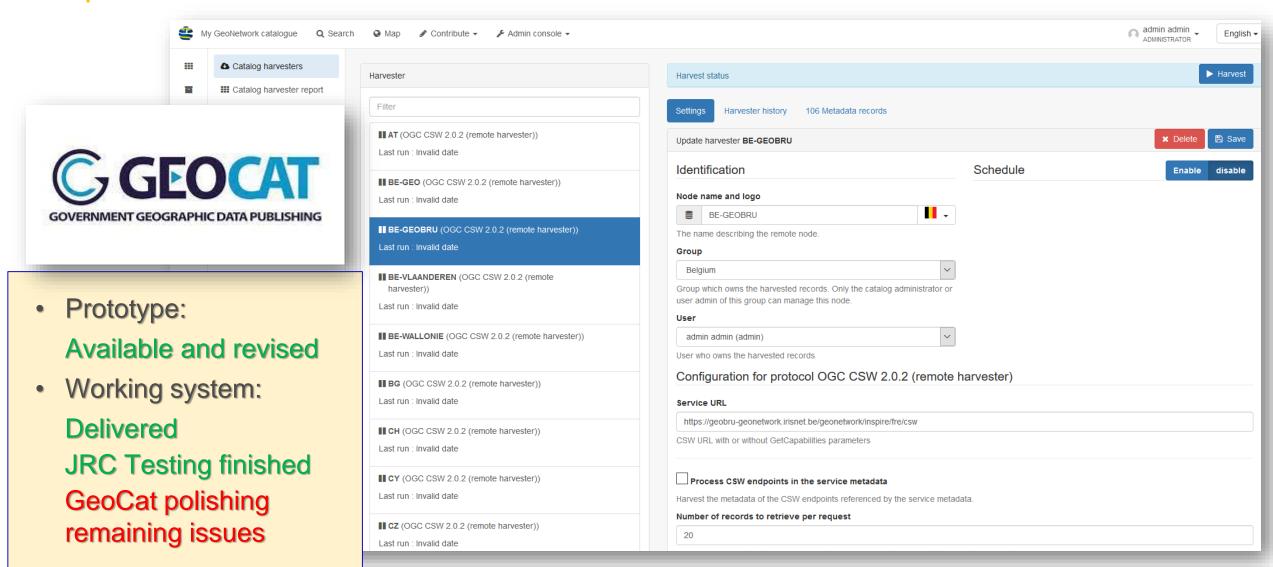## Revamp – User interface

User interface

- **Available** – Filtering by High Value Datasets (HVDs).

  To be launched when the Implementing Act on HVDs is entering into force.

- **Ongoing** – Additional developments to integrate the new user interface with the new backend: GeoNetwork.

INSPIRE Geoportal
Revamp – Backend: GeoNetwork (in the cloud)

- Prototype:

  Available and revised

- Working system:

  Delivered

  JRC Testing finished

  GeoCat polishing remaining issues

INSPIRE Geoportal
Testing - Overview

- **Special thanks to Davide Artasensi & GeoCat for the HUGE technical work**.

- Testing of the new GeoNetwork backend is finished by JRC:
  - Harvesters of all MS and EFTA countries endpoints were tested.
  - Overall, acceptable results - Not perfect.
  - Performance approximately reduced to 1/3 (depending on endpoint).
  - Issues (due to national infrastructure specificities) pending to be resolved.

    GeoCat still working in polishing the system (workarounds + smart solutions).
    - 2 endpoints harvesters almost solved (HU, PL).
    - 3 endpoints harvesters under analysis (SK, BE md Vlaanderen, DE).

INSPIRE Geoportal
Testing - Preliminary results

COUNTRY	OLD GEOPORTAL						NEW GEOPORTAL (GN Sandbox)						
	Harvest date	Aprox. Processing time	N. dataset metadata	N. series metadata	N. service metadata	N. viewable datasets	N. download. datasets	Harvest date	Aprox. Processing time	N. metadata records	N. dataset metadata	N. series metadata	N. service metadata	N. viewable datasets	N. download. datasets
AT	09/06/2022	-	689	0	608	483	458	10/06/2022	15 min	1305	695	0	610	502	672
BU	10/06/2022	13 min	173	0	35	20	29	10/06/2022	3 min	144	135	0	8	81	82
CH	05/05/2022	-	204	3	33	4	2	10/06/2022	5 min	251	206	3	33	4	2
CY	04/05/2022	-	42	0	61	32	33	10/06/2022	2 min	103	42	0	61	39	34
CZ	10/06/2022	10 min	66	25	195	79	74	10/06/2022	5 min	286	66	25	195	78	62
DK	10/06/2022	-	154	0	246	98	81	10/06/2022	4 min	451	205	0	246	100	84
EE	04/05/2022	-	86	1	121	57	52	10/06/2022	3 min	215	87	1	127	58	54
EL	10/06/2022	10 min	45	0	98	32	22	10/06/2022	2 min	143	45	0	98	44	43
ES	27/05/2022	-	241	1	300	186	183	10/06/2022	8 min	542	241	1	300	199	165
FI	01/06/2022	-	576	75	213	238	263	10/06/2022	10 min	879	594	68	215	241	281
FR	10/06/2022	18 min	172	55	55	2	54	10/06/2022	5 min	285	174	55	56	39	3
HR	11/06/2022	2h 50 min	132	15	224	93	40	12/06/2022	6 min	371	132	15	224	95	39
HU	05/05/2022	-	120	0	63	12	15	10/06/2022	3 min						
IE	10/06/2022	20 min	79	0	23	51	50	10/06/2022	2 min	102	79	0	23	51	45
IS	25/05/2022	-	95	0	27	0	47	10/06/2022	4 min	371	212	0	37	EMPTY	EMPTY
LT	24/05/2022	-	132	0	125	60	132	10/06/2022	4 min	257	132	0	125	60	132
LV	10/06/2022	-	156	1	240	96	99	10/06/2022	4 min	398	157	1	240	94	88
LU	11/06/2022	17 min	309	0	59	271	288	11/06/2022	6 min	368	309	0	59	278	304
LI	05/05/2022	-	71	0	3	12	11	11/06/2022	2 min	74	71	0	3	12	11
MT	25/05/2022	-	150	0	150	146	144	11/06/2022	4 min	300	150	0	150	145	141
NL	07/06/2022	-	213	2	345	133	129	11/06/2022	9 min	607	227	2	378	151	140
NO	12/06/2022	46 min	140	5	245	26	74	11/06/2022	4 min	390	140	5	245	28	62
PL	05/05/2022	-	143	4	246	56	68	11/06/2022							
PT	17/05/2022	-	500	5	528	260	261	11/06/2022	19 min	1033	500	5	528	372	326
RO								15/06/2022	?	183	106	1	76	39	38
SE	08/06/2022	-	243	0	220	200	191	15/06/2022	?	472	247	0	225	211	215
SI	12/06/2022	8 min	98	0	131	57	47	11/06/2022	5 min	229	94	0	131	59	49
SK	04/05/2022		255	2	403	167	164	11/06/2022							
GE	17/05/2022	-	71254	602	126905	53644	53004	20/06/2022							
BE1 (Federal)	06/05/2022	-	95	1	48	78	81	12/06/2022	3 min	144	95	1	48	78	82
BE2 (Geobru)	07/06/2022	-	56	0	50	43	40	12/06/2022	2 min	106	56	0	50	44	56
BE3 (Wallonie)	17/05/2022	-	127	42	43	165	166	12/06/2022	3 min	212	127	42	43	165	167
BE4 (MD Vlaan)	02/06/2022	-	258	20	98	243	94	12/06/2022							
IT	12/06/2022	-	6941	142	3139	514	879	12/06/2022	~ 11 hours	8708	6502	141	2065	559	472

INSPIRE Geoportal
Testing - Next steps

- Time to start the Beta testing of the system by outreaching MS and EFTA countries.

  Opportunity to provide direct input to solve specific issues and make refinements of the system.

- Adapted INSPIRE Geoportal UI should be ready by end September 2022.

- The revamped INSPIRE Geoportal will be used in the next M&R round.

European Commission

INSPIRE Geoportal
Beta testing with MS and EFTA countries

- INSPIRE Geoportal Beta Testing

  - 1st short training session (~1 hour) to allow them use the harvester, explore and test it.
    - Using GeoNetwork Sandbox instance.
    - 15th July 2022 - The meeting will be recorded and shared (password protected).
  - Provision of authentication details for accessing the instance:
    - To be requested by those MS / EFTA countries willing to participate in the testing.
    - Deadline: 18th July – How: Sending an email to JRC-INSPIRE-SUPPORT@ec.europa.eu
  - Opening an Ad-hoc Online Survey to provide MS / EFTA countries feedback.
    - 22nd July 2022
  - 2nd training session (~6 hours), based on the analysis of the survey results.
    - Using the new INSPIRE Geoportal AWS cloud instance.
    - Including also training on the new Geoportal UI + Publication System.
    - TBD - End September 2022

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Thank you!

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