

Aktuelle Aktivitäten in der MIG-T

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INSPIRE-Infoveranstaltung, 03.11.2022

Koordinierungsstelle GDI-DE


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www.gdi-de.org | www.geoportal.de | https://twitter.com/GDI_DE

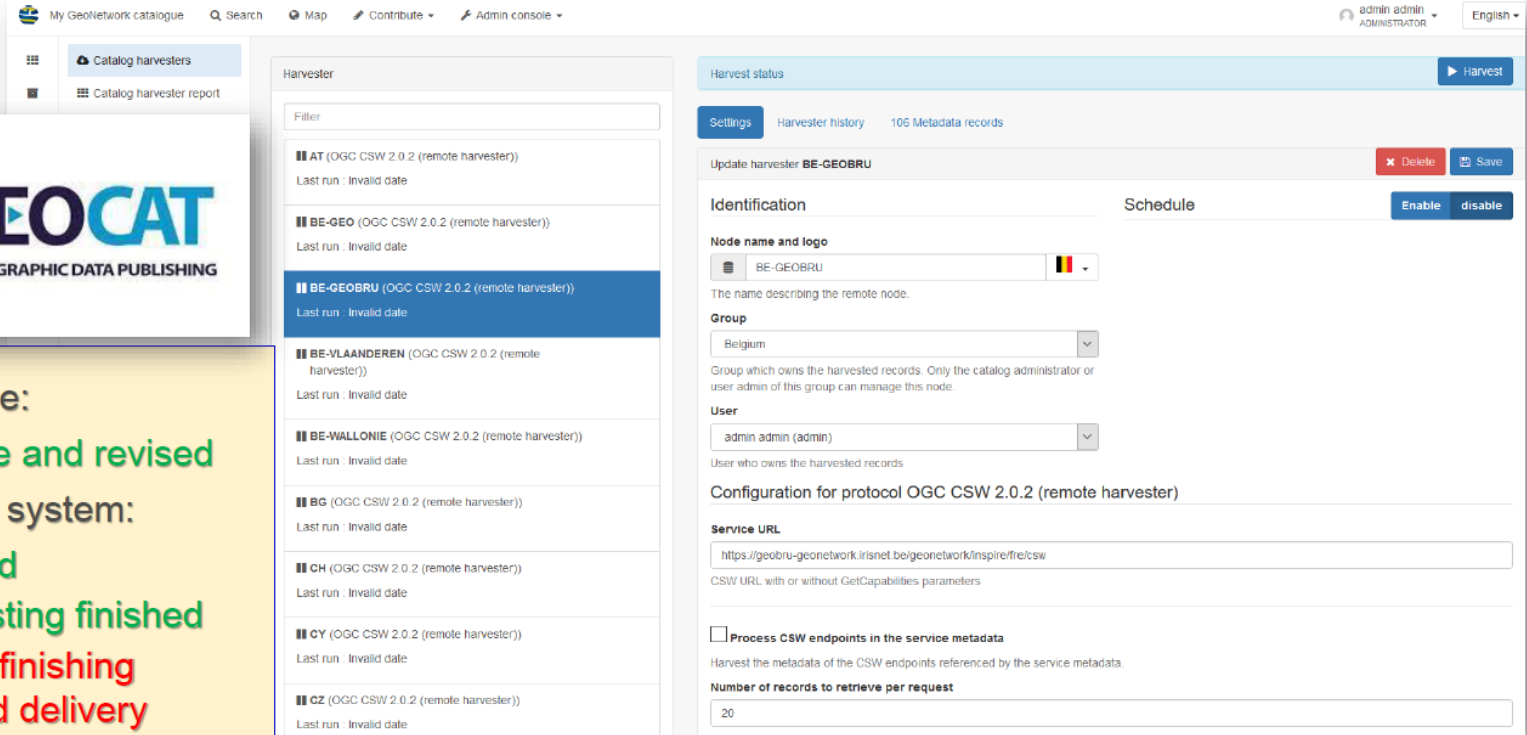
Status Migration auf GeoNetwork

➤ Quelle: Joint Research Center, 07.10.2022

INSPIRE Geoportal Revamp – Backend: GeoNetwork (AWS cloud)



- Prototype:
Available and revised
- Working system:
Delivered
JRC Testing finished
GeoCat finishing reviewed delivery



The screenshot shows the 'My GeoNetwork catalogue' interface. On the left, a sidebar lists 'Catalog harvesters' and 'Catalog harvester report'. The main area displays a list of harvesters for various countries (AT, BE-GEO, BE-GEOBRU, BE-VLAANDEREN, BE-WALLONIE, BG, CH, CY, CZ). The 'BE-GEOBRU' harvester is selected and highlighted in blue. To the right, a detailed configuration page for 'BE-GEOBRU' is visible, including sections for 'Identification', 'Group' (set to Belgium), 'User' (admin admin), and 'Configuration for protocol OGC CSW 2.0.2 (remote harvester)'. The 'Service URL' is set to 'https://geobru-geonetwork.lirisnet.beigeonetwork/inspire/ire/csw'. There are also buttons for 'Harvest status', 'Settings', 'Harvester history', '106 Metadata records', 'Delete', 'Save', 'Enable', and 'Disable'.

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Preliminary results

Participant in beta-testing & survey
Requested participation in beta-testing

Improved result
Equal result
Decreased result
Non successful harvest

04/10/2022

COUNTRY	OLD GEOPORTAL						NEW GEOPORTAL (AWS)						
	Harvest date	N. dataset metadata	N. series metadata	N. service metadata	N. viewable datasets	N. downloadable datasets	Harvest date	N. metadata records	N. dataset metadata	N. series metadata	N. service metadata	N. viewable datasets	N. downloadable datasets
AT	29/09/2022	713	0	617	500	482	23/09/2022	1329	712	0	617	486	671
BG	20/09/2022	175	0	38	20	85	23/09/2022	219	176	0	38	79	79
CH	20/09/2022	207	3	34	4	0	23/09/2022	255	209	3	34	4	EMPTY
CY	16/09/2022	42	0	61	36	35	23/09/2022	103	42	0	61	37	37
CZ	15/09/2022	66	25	195	78	74	23/09/2022	286	66	25	195	77	60
DK	22/09/2022	203	0	246	100	96	23/09/2022	451	205	0	246	93	100
EE	05/09/2022	87	1	113	55	54	23/09/2022	208	88	1	119	59	59
EL	19/09/2022	45	0	98	39	42	23/09/2022	143	45	0	98	44	43
ES	16/09/2022	240	1	302	170	174	23/09/2022	543	240	1	302	200	164
FI	19/09/2022	567	67	218	230	258	23/09/2022	855	567	67	218	232	267
FR	20/09/2022	167	54	54	13	49	23/09/2022	275	167	54	54	39	3
HR	19/09/2022	134	17	235	94	38	04/10/2022	386	134	17	215	99	38
HU	19/09/2022	119	0	63	12	16	23/09/2022	189	110	0	59	17	19
IE	26/09/2022	74	0	21	45	51	23/09/2022	103	80	0	23	51	60
IS	16/09/2022	95	0	27	0	16	30/09/2022	123	95	0	28	EMPTY	EMPTY
LT	10/08/2022	132	0	122	60	92	23/09/2022						
LV	21/09/2022	156	1	240	96	99	23/09/2022	397	156	1	240	93	88
LU	20/09/2022	308	0	59	257	259	23/09/2022	367	308	0	59	270	289
LI	19/09/2022	72	0	3	12	11	23/09/2022	74	71	0	3	11	11
MT	16/09/2022	150	0	150	148	145	04/10/2022	300	150	0	150	148	143
NL	08/09/2022	206	1	350	130	124	23/09/2022	568	205	1	362	136	122
NO	20/09/2022	138	5	240	28	72	23/09/2022	383	138	5	240	28	59
PL	16/09/2022	143	4	246	81	87	04/10/2022						
PT	03/10/2022	496	5	524	273	243	23/09/2022	1025	496	5	524	363	317
RO	17/03/2022	102	1	76	33	35	04/10/2022	183	106	1	76	34	35
SE	23/09/2022	243	0	220	182	196	23/09/2022	464	243	0	221	181	186
SI	12/06/2022	98	0	131	57	47	23/09/2022	229	94	0	131	50	48
SK	16/09/2022	124	2	97	29	18	23/09/2022	683	265	2	416	172	119
DE	27/09/2022	79191	697	142000	62115	61364	27/09/2022	221990	79110	696	142178	53804	12990
BE 1 (Federal)	19/09/2022	89	0	47	72	74	29/09/2022	136	89	0	47	72	74
BE 2 (Geobru)	27/09/2022	56	0	50	44	38	29/09/2022	106	56	0	50	44	56
BE 3 (Wallonie)	20/09/2022	122	40	43	157	145	23/09/2022	204	122	39	43	157	159
BE 4 (MD Vlaan.)	20/09/2022	251	20	96	236	87	04/10/2022	374	258	20	96	247	163
IT	20/09/2022	6524	143	2076	523	780	24/09/2022	8743	6524	143	2076	565	480

Status Migration auf GeoNetwork

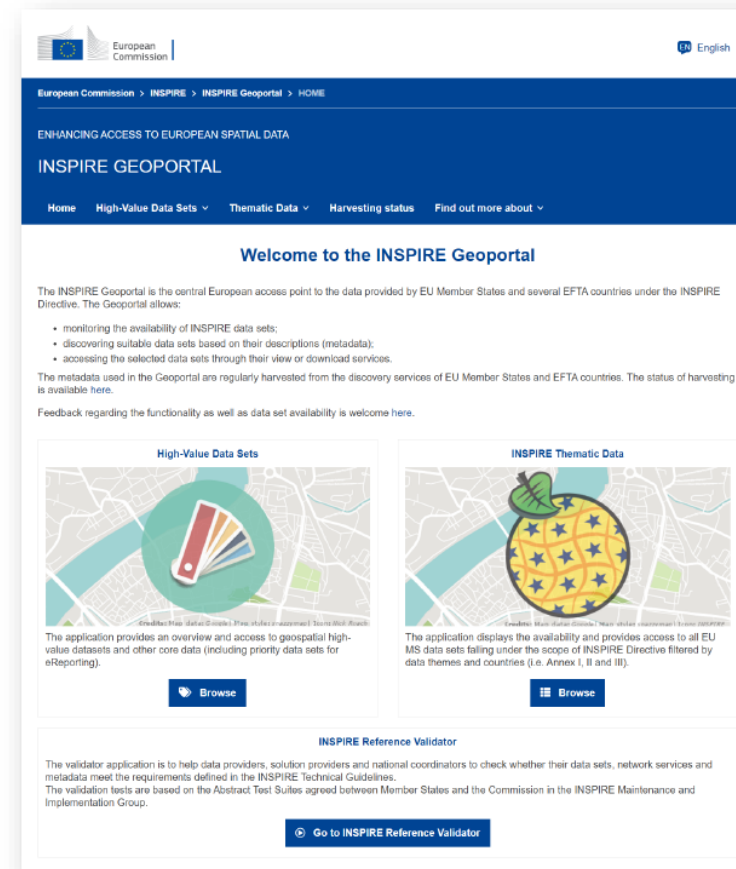
➤ Quelle: Joint Research Center, 07.10.2022

INSPIRE Geoportal Revamp – User interface

User interface

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

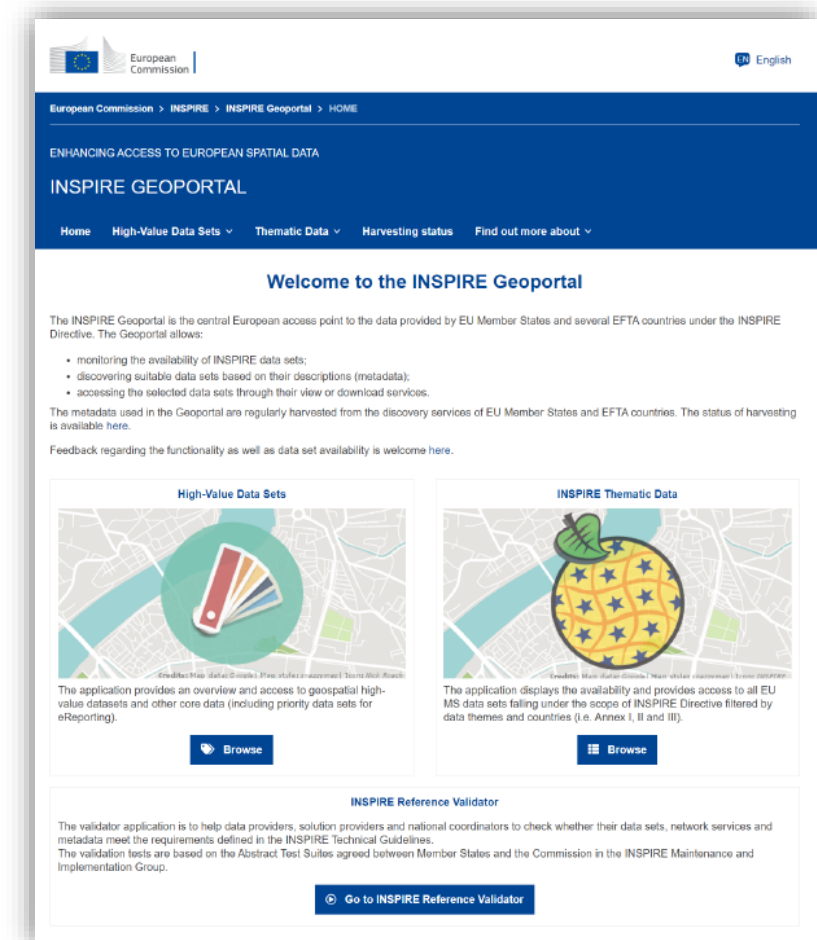
To be launched when the Implementing Act on HVDs is entering into force.
- **Almost finished** – Additional developments to integrate the new user interface with the new backend: GeoNetwork.



Status Migration auf GeoNetwork

Nächste Schritte...

- Aktuell: INSPIRE Geoportal beta-testing
- Ende November: INSPIRE Geoportal revamp
- 15. Dezember: Monitoring & Reporting



The screenshot shows the homepage of the INSPIRE Geoportal. At the top, there is the European Commission logo and the text "European Commission". Below this is a navigation bar with the following links: Home, High-Value Data Sets, Thematic Data, Harvesting status, and Find out more about. The main heading is "Welcome to the INSPIRE Geoportal". Below this, there is a paragraph explaining the portal's purpose and a list of three key functions: monitoring data availability, discovering suitable data sets, and accessing selected data sets. There are also two main sections: "High-Value Data Sets" and "INSPIRE Thematic Data", each with a "Browse" button. At the bottom, there is a section for the "INSPIRE Reference Validator" with a "Go to INSPIRE Reference Validator" button.

Was bedeutet das für das INSPIRE-Monitoring 2022?

➤ Quelle: Joint Research Center, 07.10.2022

Conclusions & Recommendations

- 2022 is a **transitional year**
 - first M&R edition using the new GeoNetwork-based Geoportal
 - improved transparency and reproducibility of results
- Make sure to:
 - **start testing** as early as possible
 - **provide feedback** (both positive and negative)
 - be ready to **accept the change!**
- For indicators whose values are self-declared (**conformity of datasets and services**):
 - use the INSPIRE Reference Validator to check conformity
 - we will make an **a posteriori assessment**
- Overall: do not focus on numbers, but on the actual usability of the infrastructure!



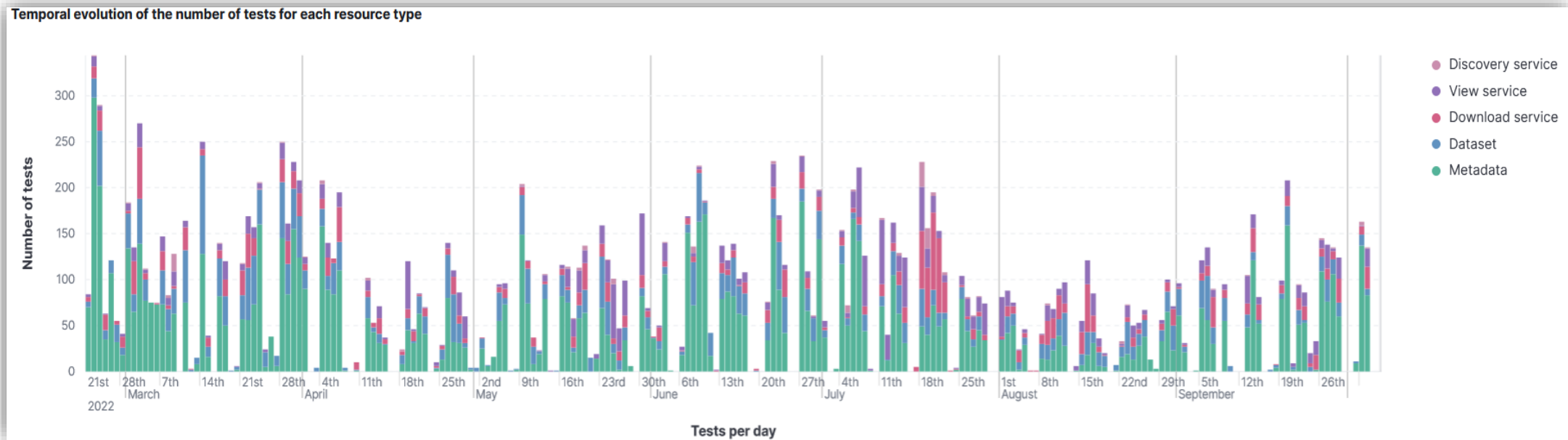
Releases

- **V2022.3 – 15/09/2022** (non-breaking changes)
 - > aktuelles Release, Berechnung der Metadaten-Konformitätsindikatoren im INSPIRE-Monitoring 2022
- **V2023.b – in Kürze**
 - > basiert auf neuer ETF-Version 2.1
- ETF Version 2.1.0 (<https://github.com/etf-validator/etf-webapp/releases/tag/2.1.0>)
 - > unterstützt nicht mehr WMS 1.1.1 aus Sicherheitsgründen
 - > Fehler bei der Validierung der geometrischen Orientierung in GML-Datensätzen behoben

Neues Dashboard

➤ Quelle: Joint Research Center, 07.10.2022

- Monitoring der Nutzung des INSPIRE Validator
 - Technologie: Elasticsearch / Kibana
- Live-Demo im Rahmen des MIG(-T)-Meetings in Brüssel Ende November



Zusammenarbeit mit dem JRC

➤ Quelle: Joint Research Center, 07.10.2022

ETF – Opportunities for collaboration

- We are looking for organisations that:
 1. are not yet using the ETF but would like to start using it, either for INSPIRE-specific purposes or for other purposes – **we offer help with the deployment**
 2. are already using the ETF: please share with us
 - a. motivation, scope, description of the instance
 - b. URL (if public)
 - c. source code (if public)
 - d. feedback on the usage, suggestions for improvement
 3. are already using the ETF and are available to **be interviewed** to provide feedback, propose ideas/suggestions for improvement



INSPIRE Registry v2

➤ Quelle: Joint Research Center, 07.10.2022

INSPIRE Registry

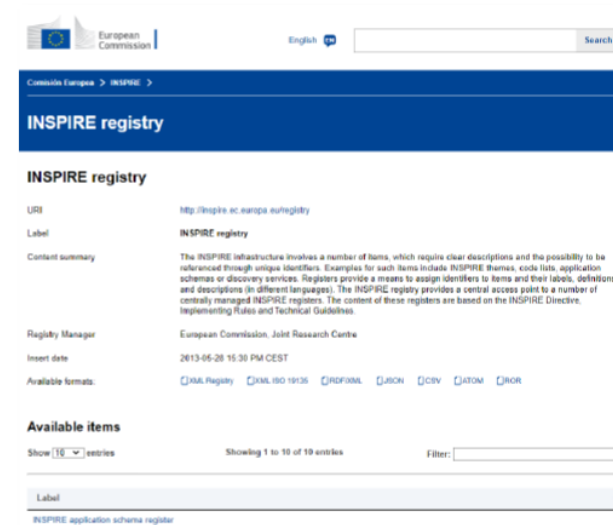
Software update

- Currently based on Re3gistry v.1.3
- INSPIRE Registry v2 rollout (Based on Re3gistry v2.3.1)
 - **Completed:** Development; Correction of bugs and new features; Testing in sandbox environment; Security assessment. Testing in production servers.
 - **Completed:** Deployment.
- Launched: 6th October 2022.



Maintenance and evolution

- Handover to the Consortium finished.
- New workflow management NSPIRE-MIF/helpdesk-registry.



News item in INSPIRE Knowledge Base:

<https://inspire.ec.europa.eu/news/update-inspire-registry-re3gistry-software-v2>

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

<https://github.com/INSPIRE-MIF/helpdesk-registry/tree/main/helpdesk-management>

Releases

- INSPIRE schemas – v.2022.2 (enthält alle von der MIG bis zum 31.07.2022 verabschiedeten Änderungsvorschläge)
> <https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2022.2>
- INSPIRE TGs – v.2022.2 (enthält alle von der MIG bis zum 31.07.2022 verabschiedeten Änderungsvorschläge)
> <https://github.com/INSPIRE-MIF/technical-guidelines/releases/tag/2022.2>
- INSPIRE UML models – v.2022.2 (enthält alle von der MIG bis zum 31.07.2022 verabschiedeten Änderungsvorschläge)
> <https://github.com/INSPIRE-MIF/uml-models/releases/tag/v2022.2>
- Nächste Releases (geplant): v.2023.1 – 31.01.2023

Feedback gewünscht!

➤ Quelle: Joint Research Center, 07.10.2022

Change proposals – Additional feedback required

MIG-T support input requested on the following two change proposals:

- **TN-A_Nodes_inherit from TransportPoint instead of TransportNode**
(<https://github.com/INSPIRE-MIF/application-schemas/issues/61>) - decision on this change proposal would benefit from specific knowledge in the transportation domain. We kindly ask **MIG-T members to approach transportation experts at the national level** and ask them to provide feedback directly on GitHub, if possible.
- **Metadata contactInfo: onlineResource as alternative to electronicMailAddress**
(<https://github.com/INSPIRE-MIF/technical-guidelines/issues/72>) - **MIG-T support is very welcome**, directly on GitHub, if possible.

➤ <https://github.com/INSPIRE-MIF/application-schemas/issues/61>

➤ <https://github.com/INSPIRE-MIF/technical-guidelines/issues/72>



Bereitstellung der INSPIRE TGs auf GitHub

➤ <https://github.com/INSPIRE-MIF/technical-guidelines>

Status

All INSPIRE TGs will be converted from the [current pdf format](#) to the AsciiDoc format and published in this repository, according to the order and timing defined in the [conversion plan](#).

Currently, the following TGs have been converted:

- Metadata
 - [Metadata-iso19139](#)
- Services
 - [View Services](#)
- Data
 - [Soil](#)

Technical Guidance for the implementation of INSPIRE dataset and service metadata based on ISO/TS 19139:2007

The MD TG is available in the following formats:

- [AsciiDoc](#)
- [HTML](#)
- [PDF](#)

Bereitstellung der INSPIRE TGs auf GitHub

➤ <https://github.com/INSPIRE-MIF/technical-guidelines/pull/71>

Fix capitalisation of 'LocalName' in XML example #71

New issue

Open PeterParslow wants to merge 1 commit into INSPIRE-MIF:2022.2 from PeterParslow:patch-3

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -1

Changes from all commits File filter Conversations Jump to

Fix capitalisation of 'LocalName' in XML example

PeterParslow committed on 22 Aug Verified commit 1cbe6ac25ae6e8c28a423074cb088ef4d864eab6

```
2 metadata/metadata-iso19139/metadata-iso19139.adoc
```

3439	**/gmd:MD_Metadata/gmd:identificationInfo/srv:SV_ServiceIdentification/srv:serviceType:**	3439	**/gmd:MD_Metadata/gmd:identificationInfo/srv:SV_ServiceIdentification/srv:serviceType:**
3440		3440	
3441	<srv:serviceType>	3441	<srv:serviceType>
3442	- <gco:localname codespace="http://inspire.ec.europa.eu/metadata-codelist/SpatialDataServiceType">view</gco:localname>	3442	+ <gco:LocalName codespace="http://inspire.ec.europa.eu/metadata-codelist/SpatialDataServiceType">view</gco:LocalName>
3443	</srv:serviceType>	3443	</srv:serviceType>
3444	----	3444	----
3445	*Example* *4.3:* Spatial Data Service type "view"	3445	*Example* *4.3:* Spatial Data Service type "view"

Bereitstellung der INSPIRE TGs auf GitHub

➤ https://github.com/INSPIRE-MIF/technical-guidelines/blob/main/tg_conversion_plan.md

Order	TG	GitHub change proposal	Approved IR change	Due date
1	Technical Guidance for the implementation of INSPIRE View Services	Yes - endorsed		June 2022
2	Soil	Yes - endorsed		"
3	Technical Guidance for the implementation of INSPIRE Download Services	Yes		December 2022
4	Elevation	Yes	Yes	"
5	Coordinate reference systems	Yes - endorsed	Yes	"
6	Geographical grid systems	Yes - endorsed		"
7	Land use		Yes	"
8	Hydrography		Yes	"
9	Environmental monitoring facilities		Yes	"
10	Protected sites		Yes	"
11	Technical Guidance for the implementation of INSPIRE Discovery Services			June 2023
12	Utility and governmental services		Yes	"
13	Species distribution		Yes	"

Release 2022.2

Release 2023.1

Kompetenz durch Kooperation

alphaspirit | iStock / Getty Images Plus | Getty Images

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