



# Action 2.4 – INSPIRE central infrastructure components

**JRC INSPIRE Team**

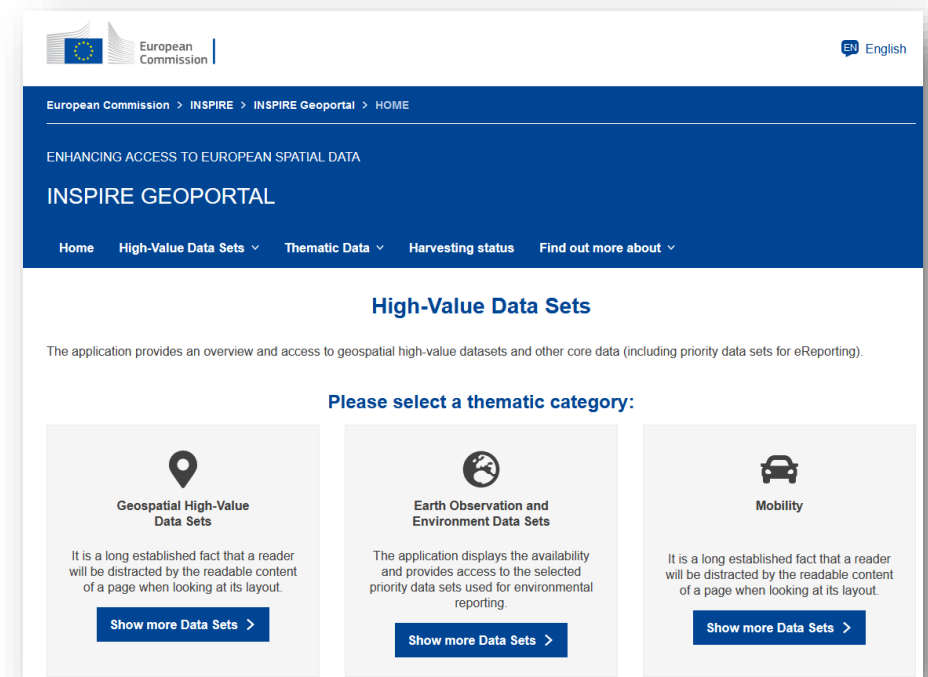


*14<sup>th</sup> MIG meeting – November 25, 2021*

# INSPIRE Geoportal – Ongoing developments



- 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
  - first prototype under assessment
  - first public instance available in **early 2022**
- New **frontend** to include an additional filtering option:
  - by **high-value datasets** – as specified in the upcoming Implementing Act following the 2019 Open Data Directive



# INSPIRE Reference Validator – v.2021.3

v2021.3

f0eda89

Verified

Compare

## v2021.3 16/09/2021

The version published at this time contains only non-breaking changes.

### New Features

ATS:

- [ATS for Data Specification on Mineral Resources](#)
- [ATS for Data Specification on Energy Resources](#)
- [ATS for Data Specification on Oceanographic geographical features](#)
- [ATS for Data Specification on Atmospheric Conditions and Meteorological Geographical Features](#)
- [ATS for Data Specification on Statistical Units](#)
- [ATS for Data Specification on Soil](#)

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### Bugfixes

- [#440 Fixed prefixes on lu-gml - #647](#)
- [#458 Polygon, PolyhedralSurface and TriangulatedSurface added to bu-as b.5 and lc-v-as a.1 - #633](#)
- [#473 Added certificates in validation process - #648](#)
- [#526 hb-as.a.4 paths fixed - #649](#)
- [#532 Parsed 'lang' to String to avoid type error - #650](#)
- [#555 ef-as a.1 conditions fixed for empty observations - #651](#)
- [#566 Fixed "An error has occurred" error on new UI.](#)
- [#571 Fixed SwaggerUI documentation.](#)
- [#572 Added missing ';' to media-type test & Update URL to point against atom URL - #653](#)
- [#576 Added missing semicolons to WFS - #652](#)
- [#582 Added missing '.Default' layers - #654](#)
- [#587 Updated wrong variable - #655](#)
- [#601 noDateTypeForSpecification message typo fixed - #657](#)

### Deployment instructions

The section containing the deployment process using Docker image and troubleshooting section. You can also find these in the [training material](#)

<https://github.com/INSPIRE-MIF/helpdesk-validator/releases/tag/v2021.3>

# INSPIRE Reference Validator – v.2021.3.1

- Hotfix release to solve an issue caused by a change in the behavior of the OGC TEAM Engine affecting Direct WFS tests.
  - <https://github.com/opengeospatial/teamengine/issues/469>


Latest release


v2021.3.1  
f0eda89

Verified

Compare ▾

## v2021.3.1 04/10/2021

 carlospzurita released this 20 hours ago

 Bugfixes

This is an exceptional release of the Validator, which includes the latest version of the TEAM Engine. A hotfix was needed on the TEAM engine test driver due to a change in the OGC response and the validator was not able to process the new response. As a consequence, all the ETS related with the OGC validator were not able to run and process the result page

Several issues arose from this problem, see [#565](#), [#553](#), [#548](#), [#538](#),  
This release builds on the latest release (v.2021.3).

- TEAM Engine reference update to treat the new OGC validator response format
- TestDriver for TEAM Engine updated on validator.war inside INSPIRE validator

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# New tests – ATS/ETS for Annex II/III Data Specifications

- **ATS** developed and released for all data themes.
- **ETS** completed and all available in production.
  - please test!

Order	Data Theme	Link to ATS	Link to ETS
1	AM	<a href="#">ATS</a>	<a href="#">ETS</a>
2	LU	<a href="#">ATS</a>	<a href="#">ETS</a>
3	NZ	<a href="#">ATS</a>	<a href="#">ETS</a>
4	EF	<a href="#">ATS</a>	<a href="#">ETS</a>
5	SD	<a href="#">ATS</a>	<a href="#">ETS</a>
6	BU	<a href="#">ATS</a>	<a href="#">ETS</a>
7	HH	<a href="#">ATS</a>	<a href="#">ETS</a>
8	HB	<a href="#">ATS</a>	<a href="#">ETS</a>
9	LC	<a href="#">ATS</a>	<a href="#">ETS</a>
10	US	<a href="#">ATS</a>	<a href="#">ETS</a>
11	PF	<a href="#">ATS</a>	<a href="#">ETS</a>
12	GE	<a href="#">ATS</a>	<a href="#">ETS</a>
13	BR	<a href="#">ATS</a>	<a href="#">ETS</a>
14	SR	<a href="#">ATS</a>	<a href="#">ETS</a>
15	EL	<a href="#">ATS</a>	<a href="#">ETS</a>
16	PD	<a href="#">ATS</a>	<a href="#">ETS</a>
17	OI	<a href="#">ATS</a>	<a href="#">ETS</a>
18	AF	<a href="#">ATS</a>	<a href="#">ETS</a>
19	SU	<a href="#">ATS</a>	<a href="#">ETS</a>
20	SO	<a href="#">ATS</a>	<a href="#">ETS</a>
21	MR	<a href="#">ATS</a>	<a href="#">ETS</a>
22	ER	<a href="#">ATS</a>	<a href="#">ETS</a>
23	OF	<a href="#">ATS</a>	<a href="#">ETS</a>
24	AC-MF	<a href="#">ATS</a>	<a href="#">ETS</a>

# API gateway to access the Validator

- Introduced to limit the (massive) use of the production instance of the INSPIRE Reference Validator through the API:
  - sometimes performed using the bulk validation tool
  - sometimes making the instance unavailable
- **Limitations** on the API usage:
  - max 100 (temporarily increased to 200) requests/week and max 1 request/second
- Public UI will remain available with no changes
- **Transition phase** from September 15 to today:
  - API key to be requested for testing purposes, instructions available at <https://github.com/INSPIRE-MIF/helpdesk-validator/issues/594>
  - Validator available both with and without the API gateway during the transition phase
  - Validator available only with the API gateway after the transition phase

# Re3gistry software & INSPIRE Registry

- Re3gistry open source software:
  - included for the first time in the **OSGeoLive** distribution (v.14): <http://live.osgeo.org>
  - v.2 re-used by some Member States (e.g. IT, DK, NL)
  - latest **bugfix release** (v.2.2.4) released in July (EUPL license v1.2):  
<https://github.com/ec-jrc/re3gistry/releases/tag/v2.2.4>
  - ongoing work to fix some bugs reported in the helpdesk:  
<https://github.com/ec-jrc/re3gistry/issues>
- **INSPIRE Registry**:
  - will be migrated to **v.2** of the **Re3gistry** in early 2022
  - **governance of change proposals** will be migrated from GitHub to the INSPIRE Registry software itself
  - **release plan** will be defined in early 2022

# Thank you!



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