# Action 2.4 – INSPIRE central infrastructure components
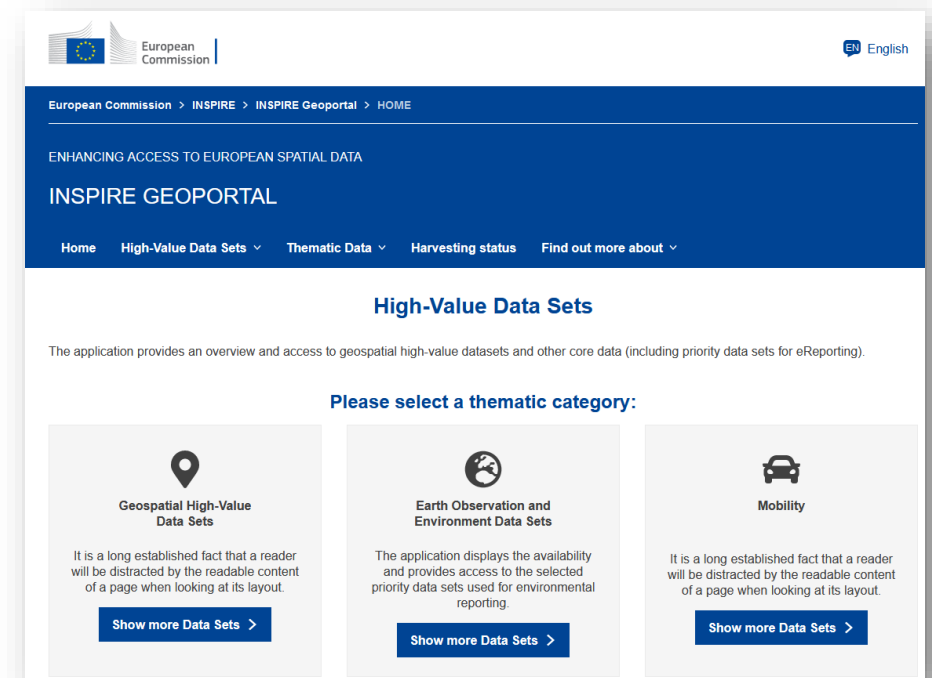
**JRC INSPIRE Team**

*14th 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

ETS:

- ETS for Data Specification on Mineral Resources
- ETS for Data Specification on Energy Resources
- ETS for Data Specification on Oceanographic geographical features
- ETS for Data Specification on Atmospheric Conditions and Meteorological Geographical Features
- ETS for Data Specification on Statistical Units
- ETS for Data Specification on Soil

### 🐛 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 materal

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

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# 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 proccess the new response. As a consequence, all the ETS releated 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

### Deployment instructions

The section containing the deployment process using Docker image and troubleshooting section. You can also find these in the training materal

https://github.com/INSPIRE-MIF/helpdesk-validator/releases/tag/v2021.3.1

# 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 | ATS | ETS |
| 2 | LU | ATS | ETS |
| 3 | NZ | ATS | ETS |
| 4 | EF | ATS | ETS |
| 5 | SD | ATS | ETS |
| 6 | BU | ATS | ETS |
| 7 | HH | ATS | ETS |
| 8 | HB | ATS | ETS |
| 9 | LC | ATS | ETS |
| 10 | US | ATS | ETS |
| 11 | PF | ATS | ETS |
| 12 | GE | ATS | ETS |
| 13 | BR | ATS | ETS |
| 14 | SR | ATS | ETS |
| 15 | EL | ATS | ETS |
| 16 | PD | ATS | ETS |
| 17 | OI | ATS | ETS |
| 18 | AF | ATS | ETS |
| 19 | SU | ATS | ETS |
| 20 | SO | ATS | ETS |
| 21 | MR | ATS | ETS |
| 22 | ER | ATS | ETS |
| 23 | OF | ATS | ETS |
| 24 | AC-MF | ATS | ETS |

https://github.com/INSPIRE-MIF/helpdesk-validator/issues/336

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# 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 November 30:
  - 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!

✉ JRC-INSPIRE-SUPPORT@ec.europa.eu

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# Keep in touch

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