



MIWP Action 2.3.1: Governance of INSPIRE artefacts

JRC INSPIRE Team

78th MIG-T meeting – May 17, 2024

Status update

- Conversion of TGs to AsciiDoc
- Updates and news on INSPIRE artefacts
- Overview of change proposals discussed by the Sub-group
- Validity/support of old schemas

Conversion of INSPIRE TGs in AsciiDoc

- All TGs scheduled by June 2024 will be available in the [2024.2 branch](#) in the coming days. *Comments and/or pull requests are more than welcome.*
- These TGs will be included in the v.2024.2 release (due by July 31st) and will contain the related change proposals endorsed by the MIG before that date.

27	Oceanographic geographical features			June 2024
28	Sea regions			"
29	Bio-geographical regions			"
30	Population distribution — demography			"
31	Atmospheric conditions and Meteorological geographical features			"
32	Geographical names			"
33	Energy resources			"
34	Mineral resources			"

Updates and news on INSPIRE artefacts

- **Hotfix release – v.2024.1.3:** It introduces a change to the version (from 4.0 to 5.0) of some schemas.

v2024.1.3 28/02/2024 Latest

This "hotfix" release introduces changes in the version of some schemas. Due to the *BaseTypes* schema version change from 3.3 to 4.0, all schemas imported from schemas moved to version 5.0 must also be moved to version 5.0 to avoid errors related to different namespaces.

Below is the list of the modifications carried out:

- [lcn] Updated to version 5.0 and changed the imported *BaseTypes* schema - [#120](#) - v5.0 - non-breaking change
- [net] Updated to version 5.0 and changed the imported *BaseTypes* schema - [#120](#) - v5.0 - non-breaking change
- [lcv] Updated the version of the imported *lcn* schema (from 4.0 to 5.0) - [#120](#)
- [tn] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)
- [tn-ra] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)
- [tn-ro] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)
- [tn-w] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)
- [us-govserv] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)
- [us-net-common] Updated the version of the imported *net* schema (from 4.0 to 5.0) - [#120](#)

Updates and news on INSPIRE artefacts

Next releases **2024.2** (TG, schema, UML) due by July 31, 2024 will include:

- Technical guidelines:
 - **change proposals** considered as “trivial change” and not subject to the voting process
 - **8 new TGs**, including the related endorsed change proposals (if present)
 - **changes included in the 1089/2010 amendment** for the newly converted TGs
- Application schemas:
 - **change proposals** considered as “trivial change” and not subject to the voting process
- UML:
 - **endorsed change proposals** related to TGs and schema which have an impact on UML

Overview of change proposals discussed by the Sub-group

- TG:

- #172: View Services TG - Deprecate WMS 1.1.1 → **Not accepted**
- #173: LU - Correct broken link → **"trivial change", JRC will implement it**
- #174: GE - Major update of TG to version 3.3 → **Already approved by MIG/MIG-T, JRC will implement it**

- Schemas:

- #123: PF_Link from ProductionSite to ProductionFacility is missing → **Not accepted**

TG change proposal #172

- JRC proposes deprecating the use of WMS 1.1.1 to provide INSPIRE View Services.
 - WMS 1.1.1 is a deprecated standard
 - The base standard for the INSPIRE View services is WMS 1.3.0
 - The Validator (which currently uses ETF 2.0) does not support WMS 1.1.1
 - WMS 1.1.1 uses DTD and requires the DOCTYPE declaration. For security reasons, DOCTYPE and DTD should not be allowed (see reference) and, for sure, they are not allowed in the ETF 2.1.
- The proposal was not accepted at this time, as this version is still being used and considered more reliable than WMS 1.3.0 (at least in Germany).
- JRC recommends to provide comments on GitHub on the change proposal itself, independently of the current situation in terms of adoption of WMS 1.1.1 in a specific country.

<https://github.com/INSPIRE-MIF/technical-guidelines/issues/172>

TG change proposal #173

LU - Correct broken link

10. Zoning

A partition where the planned land use is depicted, making explicit the rights and prohibitions regarding new constructions that apply within each partition element.

NOTE "Zoning is an important component of land-use planning. It commonly includes regulation of the kinds of activities which will be acceptable on particular lots (such as open spaces, residential, agricultural, commercial or industrial), the densities at which those activities can be performed, the amount of space structures may occupy, etc." : Spatial development glossary European Conference of Ministers responsible for Spatial/Regional Planning (CEMAT),

<http://www.coe.int/t/dq4/cultureheritage/heritage/cemat/VersionGlossaire/Bilingue-en-fr.pdf>

Replace the link with a new

link: <http://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=09000016804895e5>



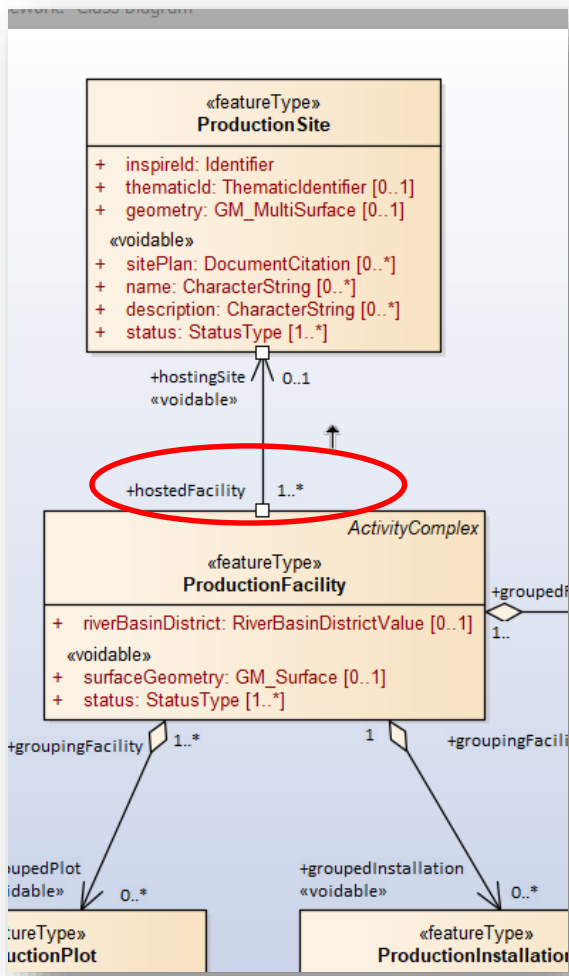
TG change proposal #174

- GE - Major update of TG to version 3.3, containing the following main changes:
 - Default encoding(s) for application schema Geology
 - Layers organisation section: populate with best practice
 - Geology codelist changes, styles – best practice
 - GeochronologicEraValue codelist change
 - Terms describing the lithology
 - Geophysics schema - change
- The MIG approved all changes but they were never applied to the TG.
- The word version of the TG with all changes in "track changes", was attached to the issue. The related pull request for the modification of the AsciiDoc version of the TG will follow as soon as possible.

<https://github.com/INSPIRE-MIF/technical-guidelines/issues/174>

Schema change proposal #123

- PF: Link from ProductionSite to ProductionFacility is missing



- The *hostedFacility* association role is only present in the UML diagram
- It is not defined in the IR, so it is not even in the TG or the schema.
- The proposal was rejected because the connection between ProductionSite and the related ProductionFacility(ies) can be established through query. It is also recommended by the [INSPIRE Generic Conceptual Model](#) that the “*associations should be modelled as navigable in only one direction*”.
- Please provide any additional feedback as a comment on the issue.

<https://github.com/INSPIRE-MIF/application-schemas/issues/123>

Validity of old schemas

- Version v.2024.1.x adapted schemas to the **IR amendments**
 - major versions (v.4.0 → v.5.0) including breaking changes for several schemas
- **Related changes:** Validator (since v.2024.0)
- MIG-T members are responsible for raising awareness and pushing their national communities to the adoption of the new schemas.
- Validity of old schemas
 - based on previous MIG-T feedback, deprecated versions should no longer be used after 2 years after a major release (https://knowledge-base.inspire.ec.europa.eu/tools/xml-schemas_en)
- JRC proposal
 - keep old schemas valid for **1 additional Monitoring and Reporting cycle**, i.e. the use of new schemas will be mandatory from Monitoring and Reporting 2025

Thank you!



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