# MIWP Action 2.3.1: Governance of INSPIRE artefacts

**JRC INSPIRE Team**

*71st MIG-T meeting – October 7, 2022*

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# Status update

- New releases (schemas, TG, UML)
- Overview of change proposals to schemas and TGs
  - Already endorsed in the previous MIG/MIG-T meetings
  - New change proposals discussed by the Sub-group
  - Change proposals for which additional feedback is required
- Conversion of TGs to AsciiDoc

# Release of INSPIRE schemas – v.2022.2

- Inclusion of change proposals endorsed by the MIG as of 31/7/2022:

## v2022.2 01/08/2022 Latest

Compare

sMorrone released this 02 Aug 2022 v2022.2 9ddbd76

This release contains breaking and non-breaking changes to the XML schemas.

Below the list of the modifications carried out.
Each row in below list contains: the link to the change proposal in the application schema repository issue tracker, a brief description of the modification (prefixed by relevant data theme indication where relevant), the link to pull request, indication of the schema version and the typology of change:

- #64 **[PF]** Added type to 'type' element in ProductionInstallation and ProductionInstallationPart - #66 - **v4.0.2** - breaking change - bugfix
- #62 **[us-net-th]** Added type to 'thermalProductType' element #63 - **v4.0.1** - breaking change - bugfix
- #51 **[inspire_vs]** SLD capabilities schema import added to inspire_vs.xsd schema - #50 - **v1.0.2** - non breaking change - bugfix
- #42 **[EL]** Set 'endLifespanVersion' multiplicity to [0..1] In ElevationGridCoverage, ElevationTIN and ElevationVectorElements application schemas - #52, #53, #54, - **v4.0.1** - non breaking change - bugfix
- #41 **[MR]** Added type to 'sourceReference 'element - #56 - **v4.0.1** - breaking change - bugfix

In addition, in this release:

- Added a folder named '2022.1' including all the previous versions of the schemas, with the paths of their imported schemas modified in order to point to the same set of schemas inside the folder '2022.1' #71
- Updated readme file with the changelog of release v2022.2 #71

## Index of /schemas

| [ICO] | Name | Last modified | Size | Description |
|---|---|---|---|---|
| [PARENTDIR] | Parent Directory | | - | |
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| [DIR] | bu-core2d/ | 2022-08-02 16:21 | - | |
| [DIR] | bu-core3d/ | 2022-08-02 16:21 | - | |
| [DIR] | common/ | 2022-08-02 16:21 | - | |
| [DIR] | cp/ | 2022-08-02 16:21 | - | |

https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2022.2

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# Release of INSPIRE TGs – v.2022.2

- Inclusion of change proposals endorsed by the MIG as of 31/7/2022:

## v2022.2 01/08/2022 Latest

Compare

sMorrone released this 01 Aug 2022 2022.2 1d3552c

This release contains breaking and non-breaking changes for the TGs listed below.

For each TG, a list of the modifications carried out is provided. Each row in the list contains: the link to the related issue in the TG repository issue tracker (if present), a brief description of the modification, the link to the related pull request and the typology of change.

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

**Version 2.1.1 – minor version**

- #5 NOR and ICE languages added #60 - non-breaking change
- #7 Recommendations on CRS encoding added #62 - non-breaking change
- #18 TG Requirement C.15 amended - #54 - non-breaking change
- #32 Typos in TG recommendations numbering fixed #61 - breaking change
- #65 Correction of general typos and of the asciidoc encoding #39 - #40 - #64
- Updated information section for release v2022.2 #63

### Technical Guidance for the implementation of INSPIRE View Services

**Version 3.2.0 - minor version**

- #2 - #12 Implementation Requirements 33, 39, 42, 85 amended - implementation Requirement 39 bis added #55 - non-breaking change
- Updated information section for release v2022.2 #56

### D2.8.III.3 Data Specification on Soil – Technical Guidelines

**Version 3.1.0 - minor version**

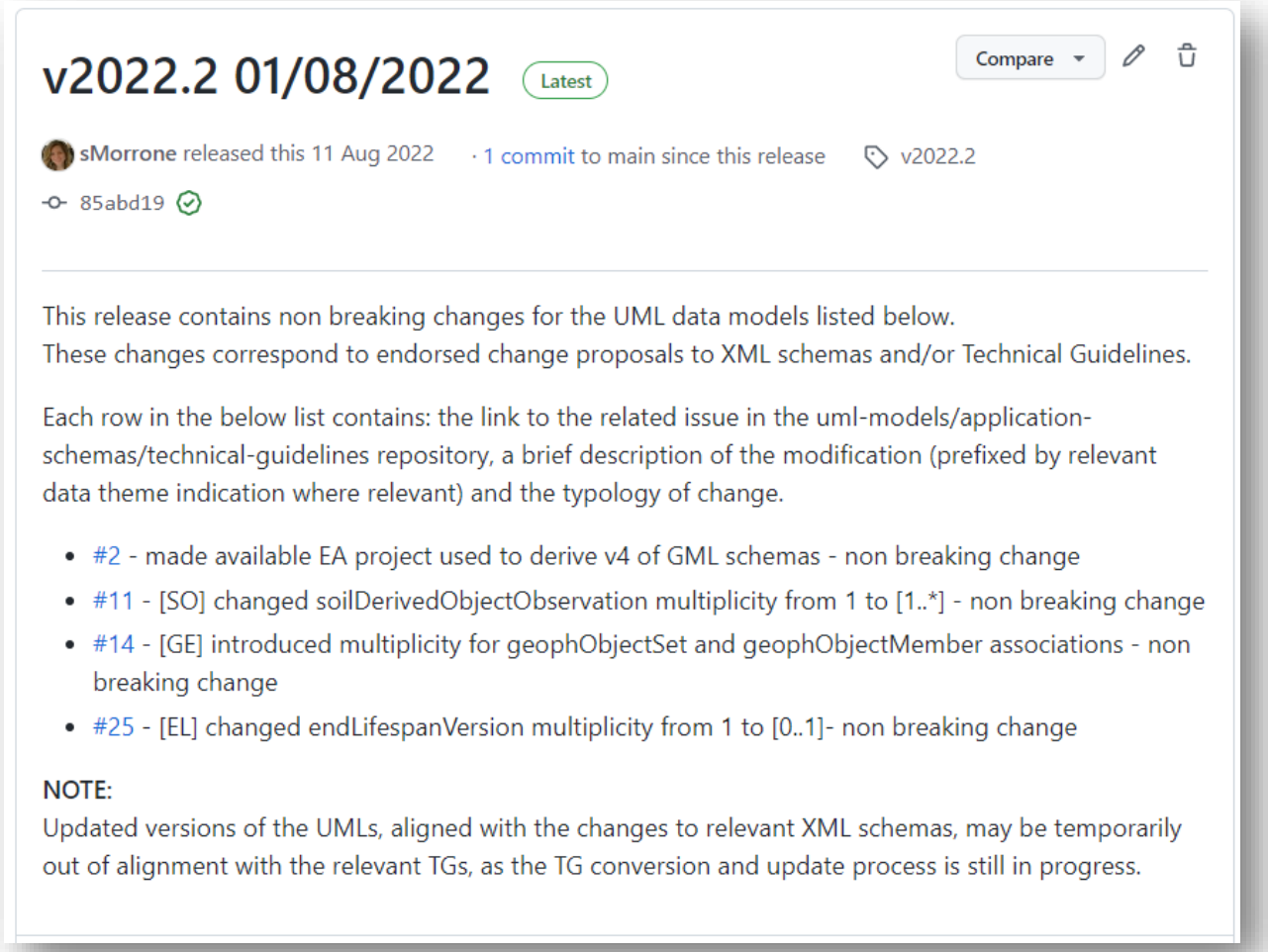
- #11 TG aligned with the updated Soil schema #58 - non-breaking change
- #52 Typo in the Title corrected #57 - non-breaking change
- Updated information section for release v2022.2 #59

Two new TGs, including the related endorsed change proposals, have been published.

https://github.com/INSPIRE-MIF/technical-guidelines/releases/tag/2022.2

# Release of INSPIRE UML models – v.2022.2

- Inclusion of change proposals endorsed by the MIG as of 31/7/2022:



## v2022.2 01/08/2022

Latest

Compare

sMorrone released this 11 Aug 2022 · 1 commit to main since this release v2022.2

85abd19

This release contains non breaking changes for the UML data models listed below.
These changes correspond to endorsed change proposals to XML schemas and/or Technical Guidelines.

Each row in the below list contains: the link to the related issue in the uml-models/application-schemas/technical-guidelines repository, a brief description of the modification (prefixed by relevant data theme indication where relevant) and the typology of change.

- #2 - made available EA project used to derive v4 of GML schemas - non breaking change
- #11 - [SO] changed soilDerivedObjectObservation multiplicity from 1 to [1..*] - non breaking change
- #14 - [GE] introduced multiplicity for geophObjectSet and geophObjectMember associations - non breaking change
- #25 - [EL] changed endLifespanVersion multiplicity from 1 to [0..1]- non breaking change

NOTE:
Updated versions of the UMLs, aligned with the changes to relevant XML schemas, may be temporarily out of alignment with the relevant TGs, as the TG conversion and update process is still in progress.

A new release numbering has been introduced!

01 Aug 2022

fabiovinci

r4618

5beb05b

Compare

## r4618 - 08/05/2014

This release reflects the changes introduced on 08/05/2014 and is the latest release before the release 2022.2.

▸ Assets 2

https://github.com/INSPIRE-MIF/uml-models/releases/tag/v2022.2

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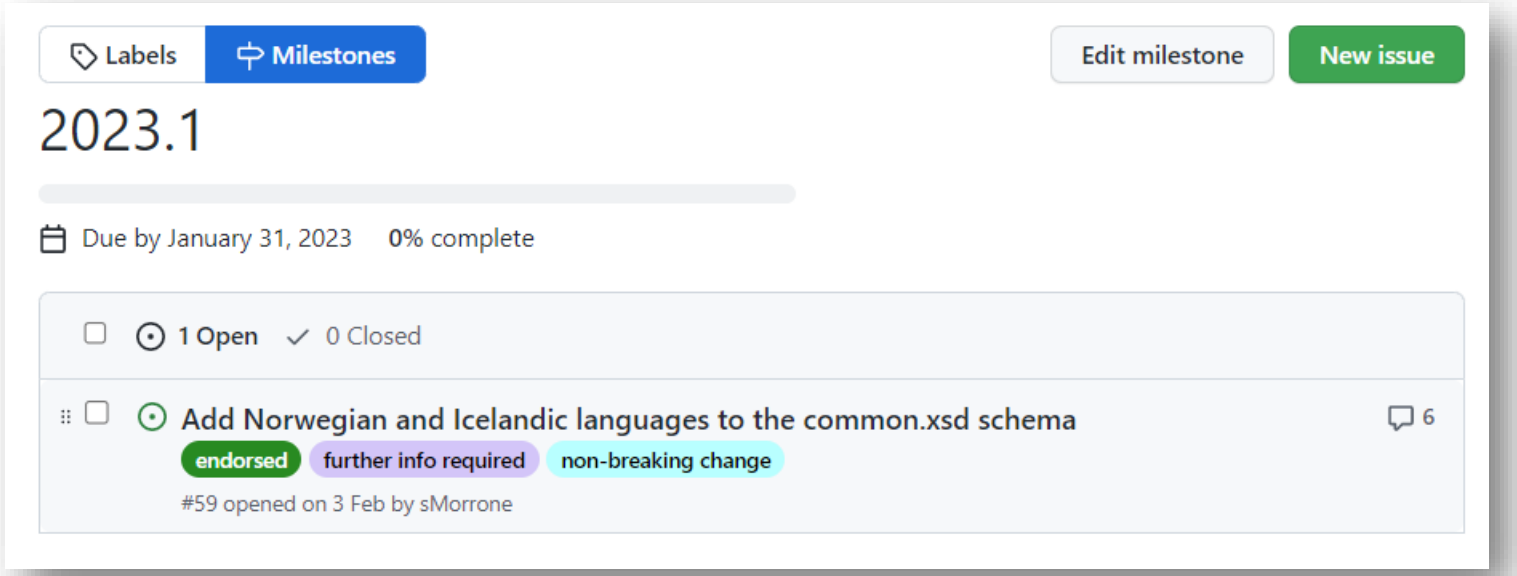
# Change proposals to schemas – Already endorsed

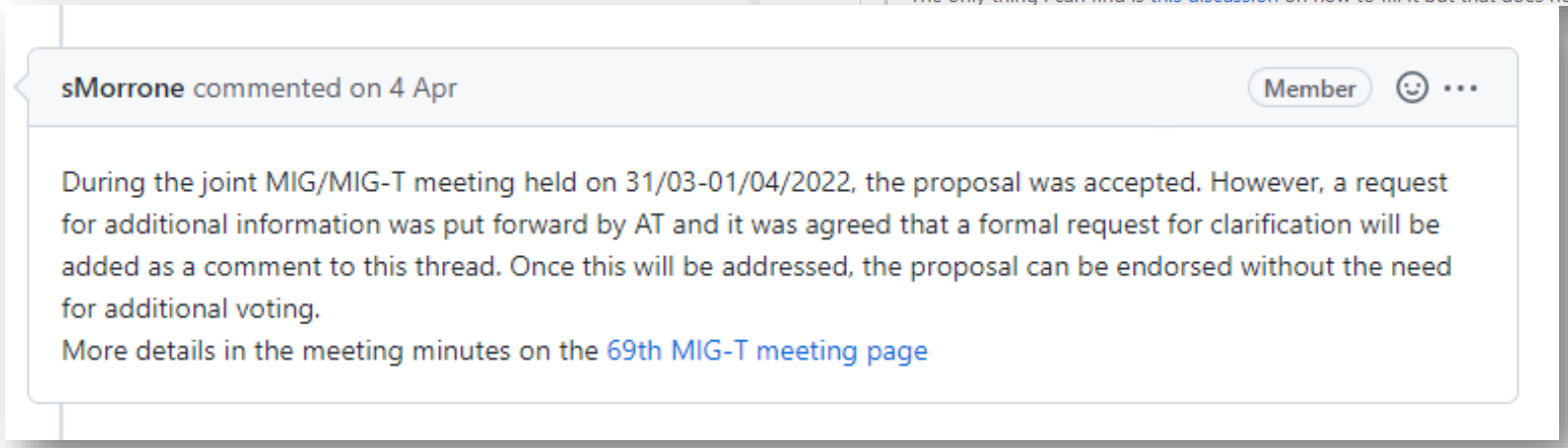



https://github.com/INSPIRE-MIF/application-schemas/issues?q=is%3Aissue+is%3Aopen+label%3Aendorsed

https://github.com/INSPIRE-MIF/application-schemas/milestone/4

# Change proposals to schemas – Endorsed with reservation

**AT: please provide feedback by the end of October, otherwise we will move it to the next step.**




https://github.com/INSPIRE-MIF/application-schemas/issues/60

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# New change proposals to schemas

The following change proposals have been discussed in the Sub-group 2.3.1 meeting held on September 13th:

- **#61 TN-A_Nodes_inherit from TransportPoint instead of TransportNode:** additional feedback required.
- #**65 ER_dateOfDetermination&dateOfDiscovery_missing nilreason**: issue closed, a related discussion in the generic helpdesk has been opened in the new category "Implementation example".
- **#69 BaseTypes_RelatedParty_allow CharacterString additionally to PT_FreeText**: issue closed, a related discussion in the generic helpdesk has been opened in the new category "Implementation example".
- **#70 CP_CadastralZoning_TYPO**: approved, to be voted for endorsement during the next MIG/MIG-T meeting

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# New change proposals to TGs

The following change proposals have been discussed in the Sub-group 2.3.1 meeting held on September 13th:

- **#46 HY - Manmadeobject keyword change:** approved, to be voted for endorsement during the next MIG/MIG-T meeting
- **#50 CP – Technical Guidelines: UML graph**: approved, since the proposed change is editorial, it will be implemented directly by the JRC.
- #**72 Metadata contactInfo: onlineResource as alternative to electronicMailAddress**: additional feedback required.

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# 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.

# Next releases

- The next releases of schemas, TGs and UML models will be v.2023.
- They are foreseen for January 31st, 2023.
- They will include all the change proposals endorsed by the MIG as of 31/01/2023.

# Conversion of INSPIRE TGs in AsciiDoc

- Conversion of TGs in AsciiDoc format is ongoing.
- The procedure used to convert the Metadata TG has been reused and the related code has been improved for the conversion of different TGs (Network Services and Data Specification).
- The code is under finalisation and will be released in the TG repository as soon as it is considered as final.
- A final manual revision is needed anyway (e.g. to fix XML snippets not indented, convert complex tables and formulas to images, insert page breaks).

# Conversion of INSPIRE TGs in AsciiDoc

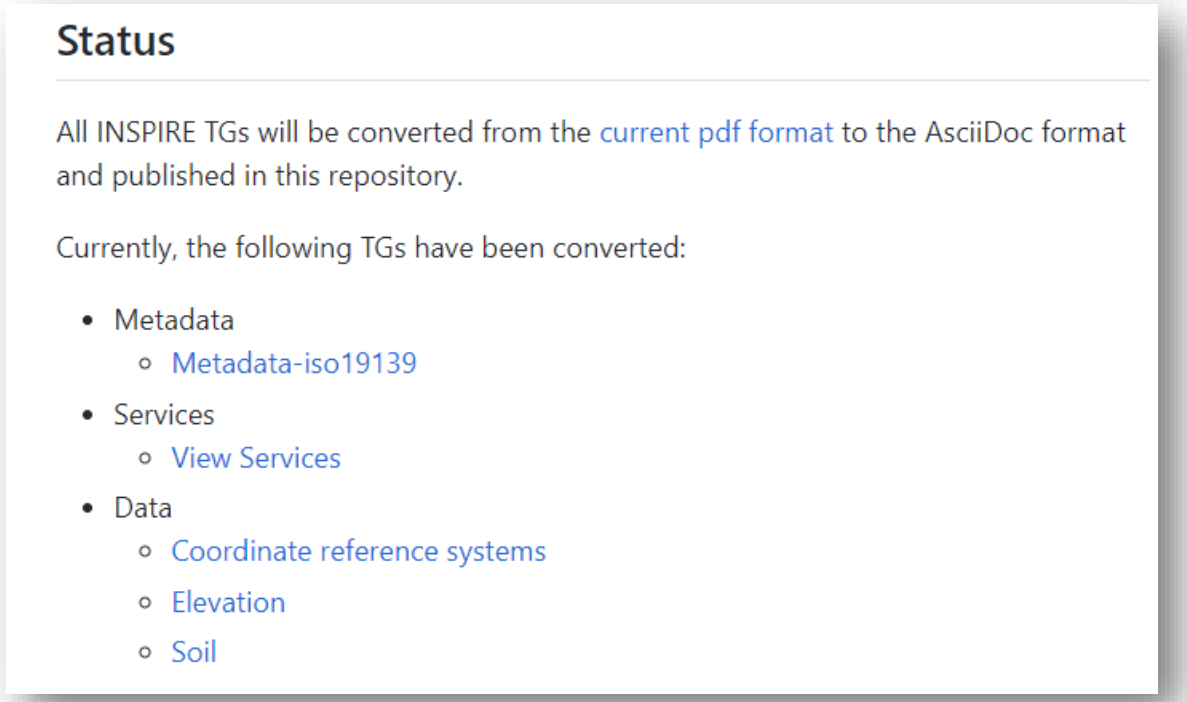
- In line with the release plan, the first two TGs have been already converted and released:
  - View Service TG
  - SO TG

| 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 | |

- The full conversion plan has been published on GitHub: https://github.com/INSPIRE-MIF/technical-guidelines/blob/main/tg_conversion_plan.md

# Conversion of INSPIRE TGs in AsciiDoc

- Next TGs in the pipeline will be released in the *2023.1 branch* as soon as they are converted.
- These TGs will be included in the 2023.1 release and will contain the related change proposals already endorsed by the MIG.



## Status

All INSPIRE TGs will be converted from the current pdf format to the AsciiDoc format and published in this repository.

Currently, the following TGs have been converted:

- Metadata
  - Metadata-iso19139
- Services
  - View Services
- Data
  - Coordinate reference systems
  - Elevation
  - Soil

# Thank you!

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