# MIWP Action 2.3.1: Governance of INSPIRE artefacts

**JRC INSPIRE Team**

*77th MIG-T meeting – February 23, 2024*

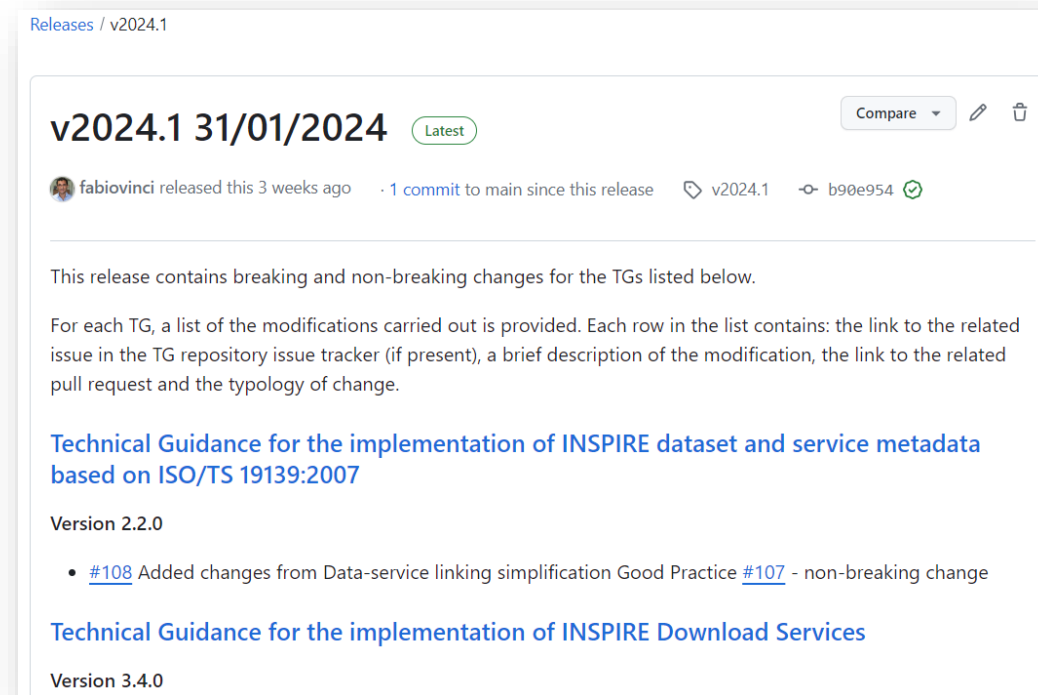European Commission

Joint Research Centre

# Status update

- Latest releases (TGs, schemas, UML models)
- Next steps
- Conversion of TGs to AsciiDoc
- Next releases

# Release of INSPIRE TGs – v.2024.1

This release includes:

- change proposals endorsed by the MIG as of 31/01/2024.
  - Including the integration of the Data Service Linking Simplification Good Practice
- changes included in the 1089/2010 amendment.
- 8 new TGs, including the related endorsed change proposals (where present):
  - Buildings
  - Agricultural and aquaculture facilities
  - Area management/restriction/regulation zones and reporting units
  - Natural risk zones
  - Transport networks
  - Human health and safety
  - Production and industrial facilities
  - Habitats and biotopes



Releases / v2024.1

## v2024.1 31/01/2024 [Latest]

[Compare ▾]

fabiovinci released this 3 weeks ago · 1 commit to main since this release · ⊘ v2024.1 ◦ b90e954 ✓

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 2.2.0

- #108 Added changes from Data-service linking simplification Good Practice #107 - non-breaking change

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

Version 3.4.0

https://github.com/INSPIRE-MIF/technical-guidelines/releases/tag/v2024.1

# Release of INSPIRE schemas – v.2024.1

## This release includes:

- **change proposals** endorsed by the MIG as of 31/01/2024.
- **changes** included in the 1089/2010 amendment.

### Schema versioning

Each release will be identified by a sequential number, but the versioning of the INSPIRE schemas will be managed separately.

The versioning of the INSPIRE schemas will depend on the specific type of schema update (major, minor, bugfix) and will follow rules specified below:

- a new major version (e.g. v4.x --> v5.0), which is not backwards-compatible, i.e. existing data valid according to the older schema will no longer be valid according to the newer schema. Examples for non-backwards compatible changes include e.g. adding or removing mandatory properties or changing the types or names of existing properties;
- a new minor version (e.g. v4.0.x --> v4.1), which is backwards-compatible, i.e. existing data valid according to the older schema will remain valid also according to the newer schema. Examples for backwards compatible changes include e.g. adding optional properties to existing types or adding new types;
- a new bugfix version (e.g. v4.0 --> v4.0.1), which fixes an error in the schema. Bugfix versions are usually not backwards-compatible.

### v2024.1 31/01/2024

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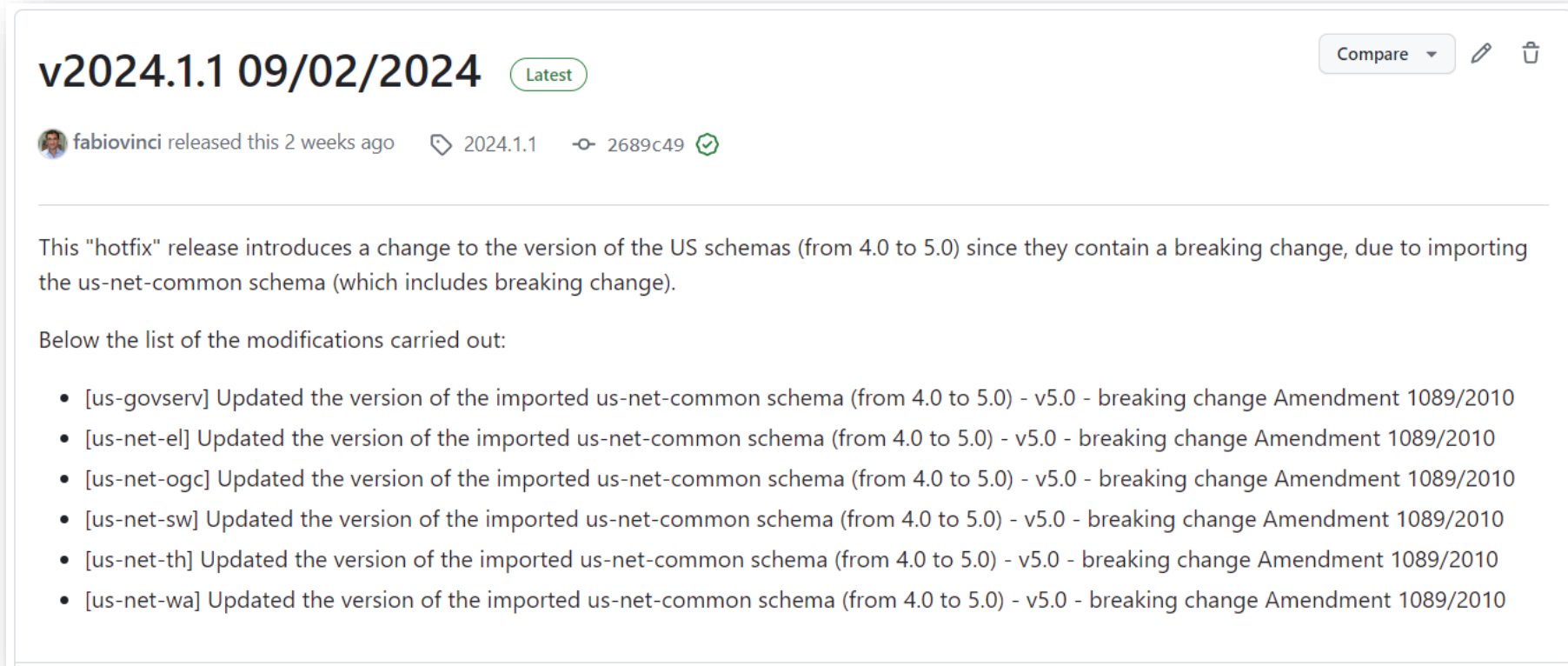
Below the list of the modifications carried out.
Each row in the below list contains: the link to the change proposal in the application schema repository issue tracker, a brief description of the modification (prefixed by relevant data theme indication where relevant), the link to the pull request,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

- #6 [hh] Added new attributes to the EnvHealthDeterminantMeasure feature type, added new feature types, and removed some data types. - #5 - **v5.0** - breaking change - Amendment 1089/2010
- #13, #14 [ps] - **v5.0** - breaking change - Amendment 1089/2010
  - Fixed typo in inspireId, added a new attribute, and moved attributes to data type. - #104
  - Removed enumeration from the schema and changed the encoding of the attributes that refer to enumerations - #110
- #83 [us-net-common] - **v5.0**
  - Defined datatype for the authorityRole attribute - #86 - breaking change
  - Change encoding of the attributes that refer to enumerations - #110 - breaking change - Amendment 1089/2010
- #84 [hy-p] - **v5.0** - Amendment 1089/2010
  - Changed the data type of the geometry attribute of the DrainageBasin feature type -

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# Hotfix release – v.2024.1.1

- It introduces a change to the version of the US schemas (from 4.0 to 5.0) since they contain a breaking change.

## v2024.1.1 09/02/2024 (Latest)

Compare ▾

fabiovinci released this 2 weeks ago    🏷 2024.1.1    ⦿ 2689c49 ✓
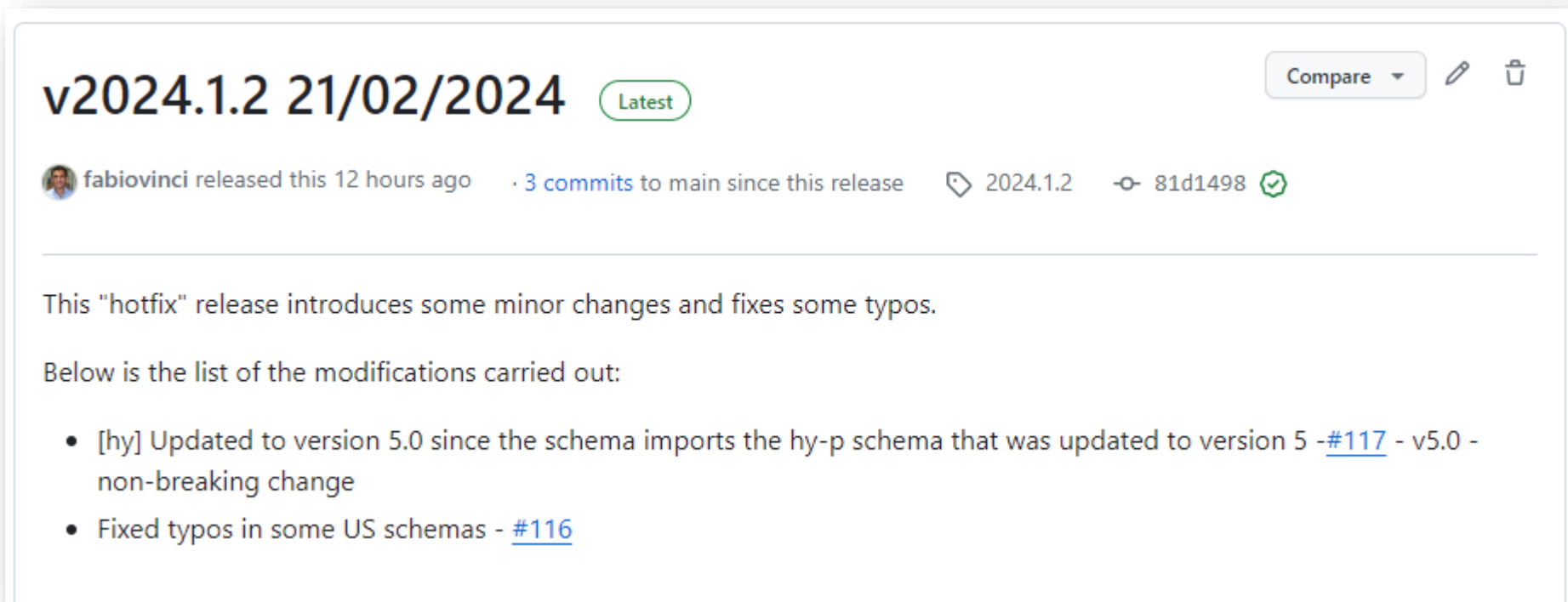
This "hotfix" release introduces a change to the version of the US schemas (from 4.0 to 5.0) since they contain a breaking change, due to importing the us-net-common schema (which includes breaking change).

Below the list of the modifications carried out:

- [us-govserv] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010
- [us-net-el] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010
- [us-net-ogc] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010
- [us-net-sw] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010
- [us-net-th] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010
- [us-net-wa] Updated the version of the imported us-net-common schema (from 4.0 to 5.0) - v5.0 - breaking change Amendment 1089/2010

https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2024.1.1

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# Hotfix release – v.2024.1.2

- It introduces a change to the version of the HY base schema and the fix of some typos.



## v2024.1.2 21/02/2024 (Latest)

fabiovinci released this 12 hours ago · 3 commits to main since this release  ⟋ 2024.1.2  -o- 81d1498 ✓

This "hotfix" release introduces some minor changes and fixes some typos.

Below is the list of the modifications carried out:

- [hy] Updated to version 5.0 since the schema imports the hy-p schema that was updated to version 5 -#117 - v5.0 - non-breaking change
- Fixed typos in some US schemas - #116

https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2024.1.2

# Update of schema repository

- Use of a GitHub Action to automatically validate schemas after a Pull Request.

# Release of INSPIRE schemas – v.2024.1

- Availability of old schemas
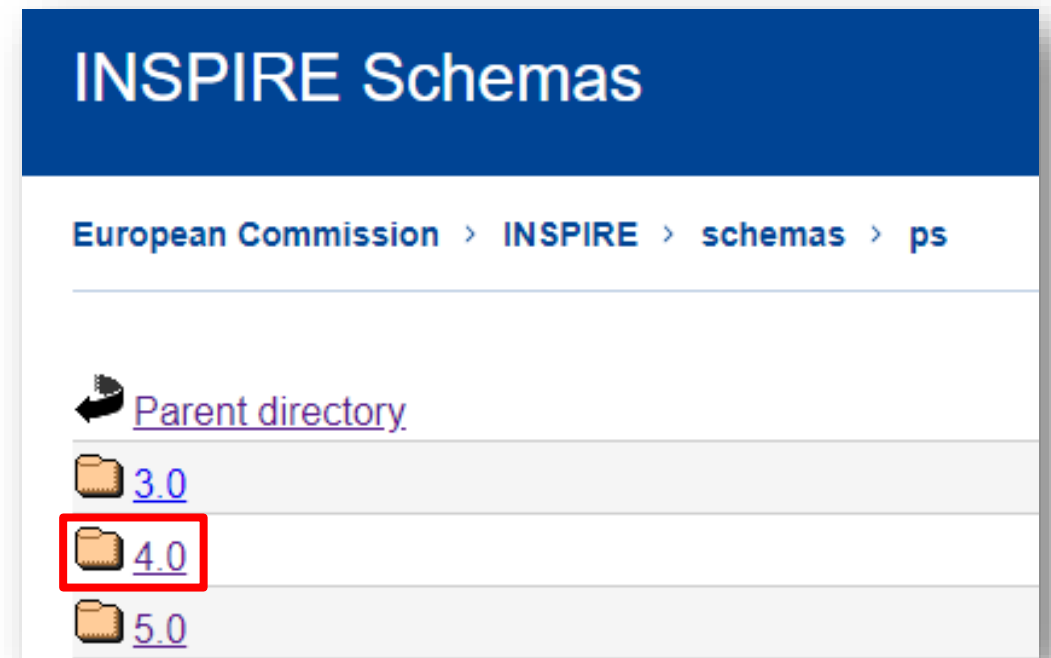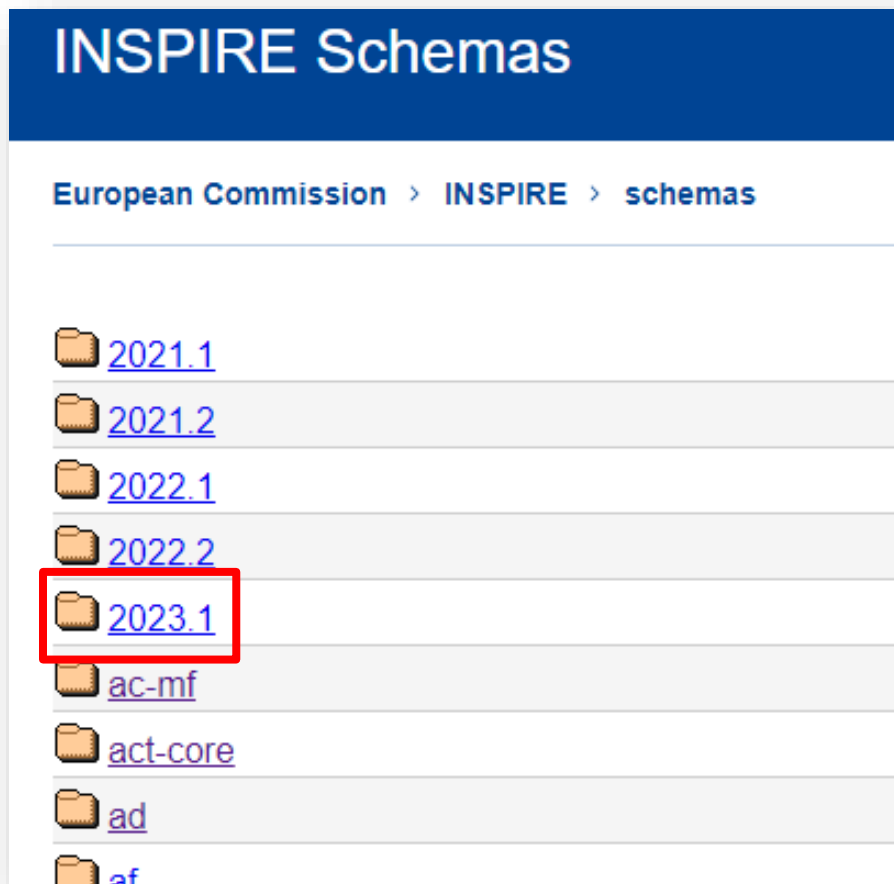
# Release of INSPIRE UML models – v.2024.1

- Inclusion of changes required by schema and/or TG change proposals

# Changes from 1089 amendment

- Changes related to TGs that are not still available in AsciiDoc format have been already included in the related artefacts (schemas and UML).
- These changes will be included in the TGs as soon as they are converted.

# Next steps

- Integrate into the Validator checks related to TG changes that have an impact on it. (e.g., check on new constraints, check on new codelist).

# Next steps

- Integrate into the Registry changes coming from the IR amendment and already included in the TGs (e.g., new codelist, new codelist definition).

# Conversion of INSPIRE TGs in AsciiDoc

- Next TGs in the pipeline will be released in the *2024.2 branch* as soon as they are converted.
- These TGs will be included in the v.2024.2 release 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 | | | " |

# Next releases

- The next releases of schemas, TGs and UML models will be v.2024.2.
- They are scheduled for July 31$^{st}$, 2024.
- They will include:
  - all the change proposals endorsed by the MIG as of 31/07/2024
  - the changes from 1089 amendment for TGs not yet converted

# Thank you!

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