



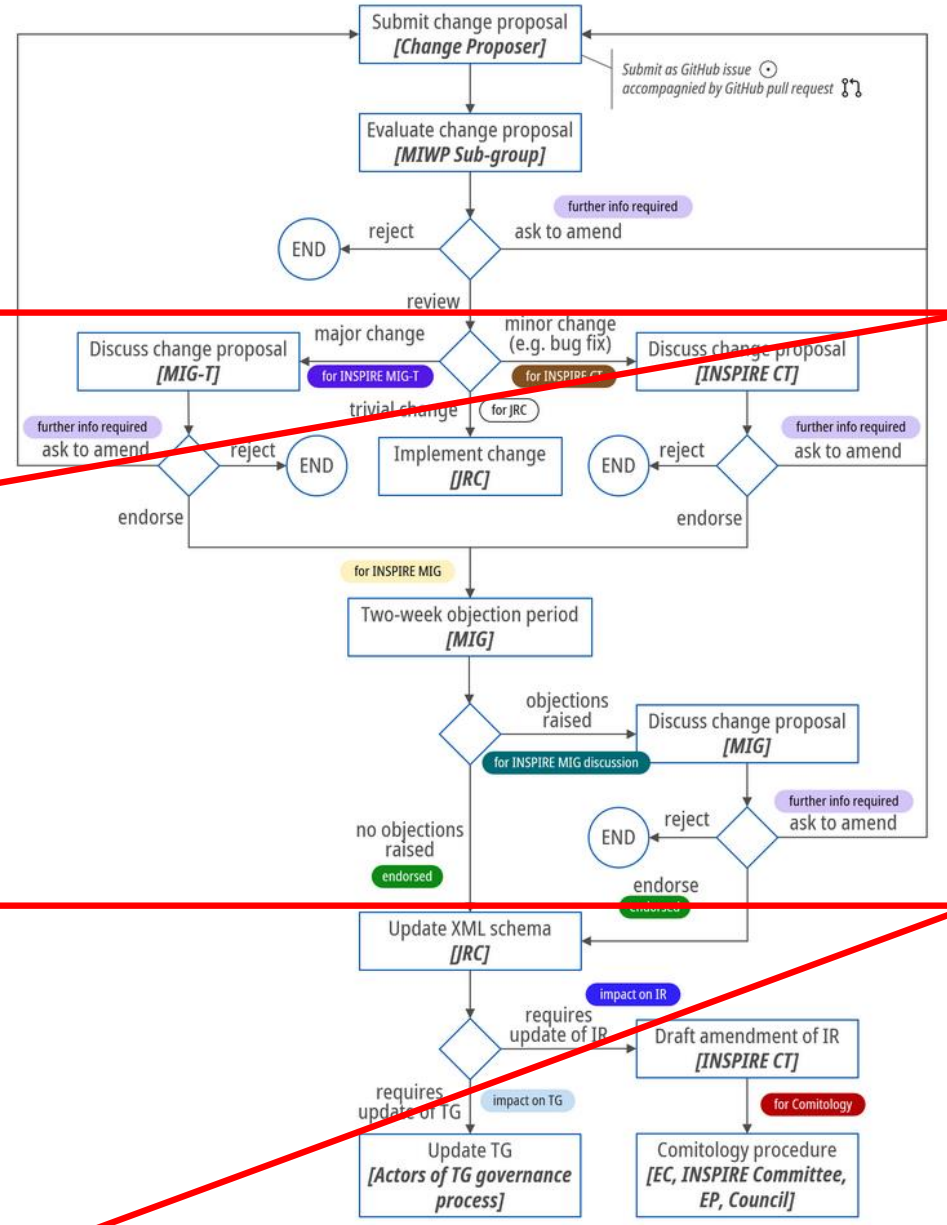
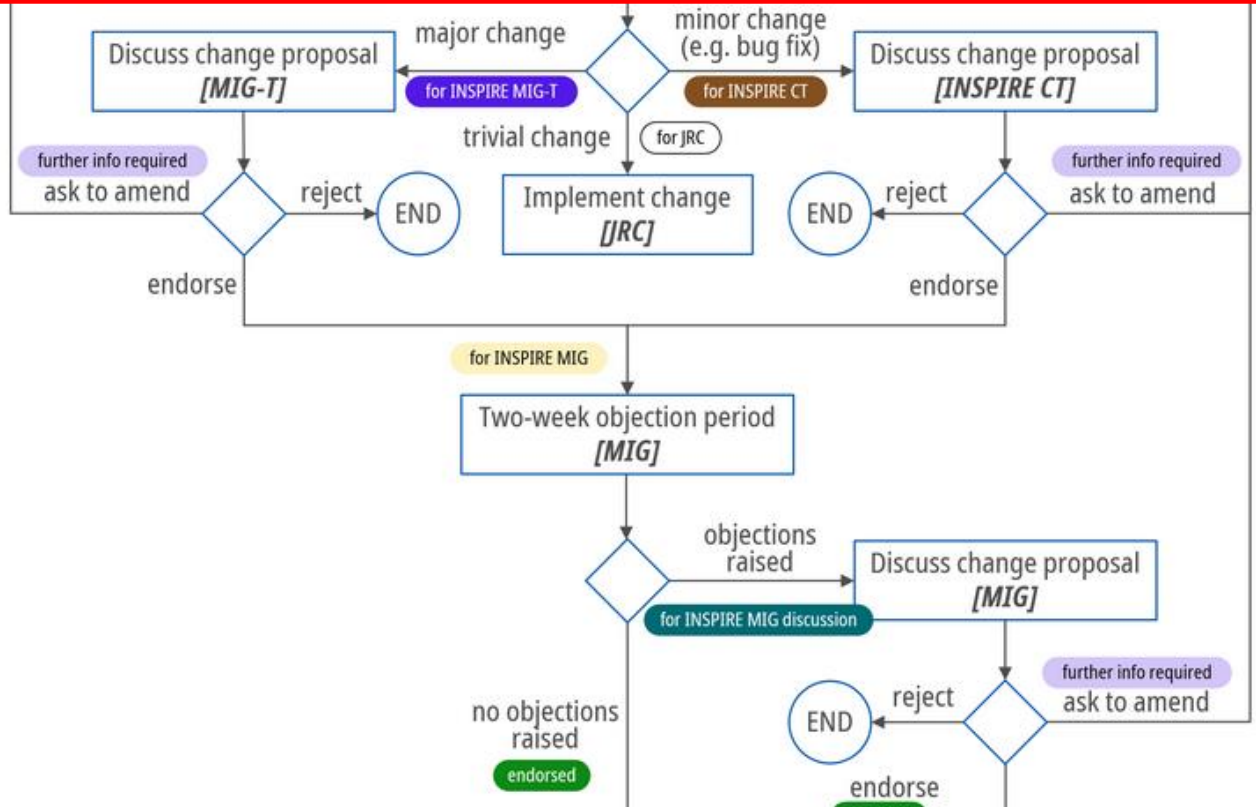
MIWP Action 2.3.1: Governance of INSPIRE artefacts

JRC INSPIRE Team

72st MIG-T meeting – November 25, 2022

Governance process

<https://github.com/INSPIRE-MIF/application-schemas/blob/main/governance-release-process/process.md>
<https://github.com/INSPIRE-MIF/technical-guidelines/blob/main/governance-release-process/process.md>




Status update

- Latest releases (schemas, TG, UML)
- Next releases and overview of change proposals already endorsed
- Overview of **new change proposals**:
 - Application schemas: [#70](#), [#73](#)
 - Technical Guidance documents: [#46](#)
- Vote on **new change proposals**

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 🔗 9ddb76 🟢

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

Below the list of the modifications carried out.

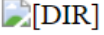
Each row in below list contains: the link to the change proposal in the application schema repository issue tracker, a brief description of the modification (prefixed by relevant data theme indication where relevant), the link to pull request, indication of the schema version and the typology of change:

- #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:

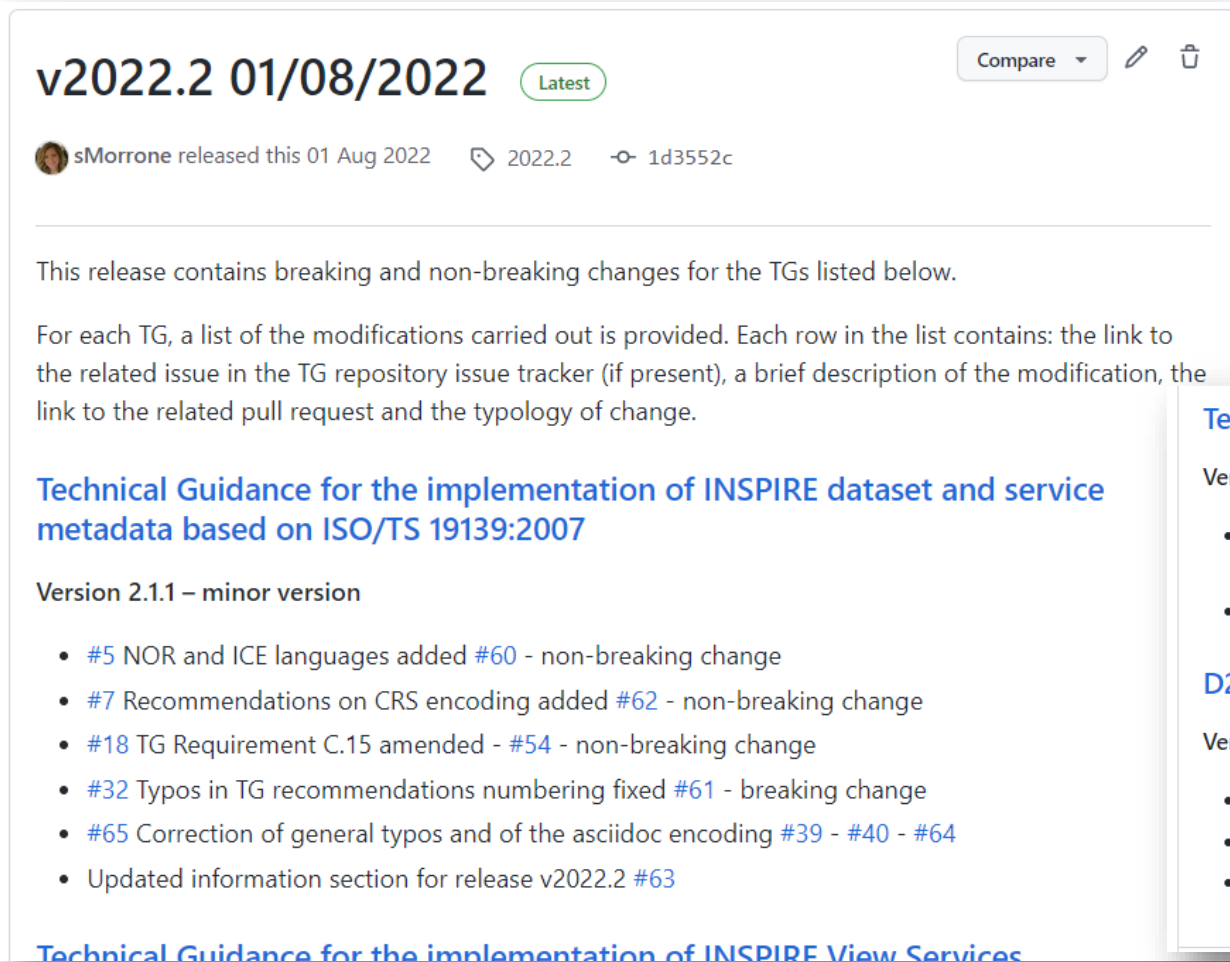
- Added a folder named '2022.1' including all the previous versions of the schemas, with the paths of their imported schemas modified in order to point to the same set of schemas inside the folder '2022.1' #71
- Updated readme file with the changelog of release v2022.2 #71

Index of /schemas


 [ICO]	Name	Last modified	Size	Description
 [PARENTDIR]	Parent Directory			-
 [DIR]	2021.1/	2022-08-02 16:21		-
 [DIR]	2021.2/	2022-08-02 16:21		-
 [DIR]	2022.1/	2022-08-02 16:21		-
 [DIR]	ac-mf/	2022-08-02 16:21		-
 [DIR]	act-core/	2022-08-02 16:21		-
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 [DIR]	am/	2022-08-02 16:21		-
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 [DIR]	bu-core3d/	2022-08-02 16:21		-
 [DIR]	common/	2022-08-02 16:21		-
 [DIR]	cp/	2022-08-02 16:21		-

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

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

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](#)

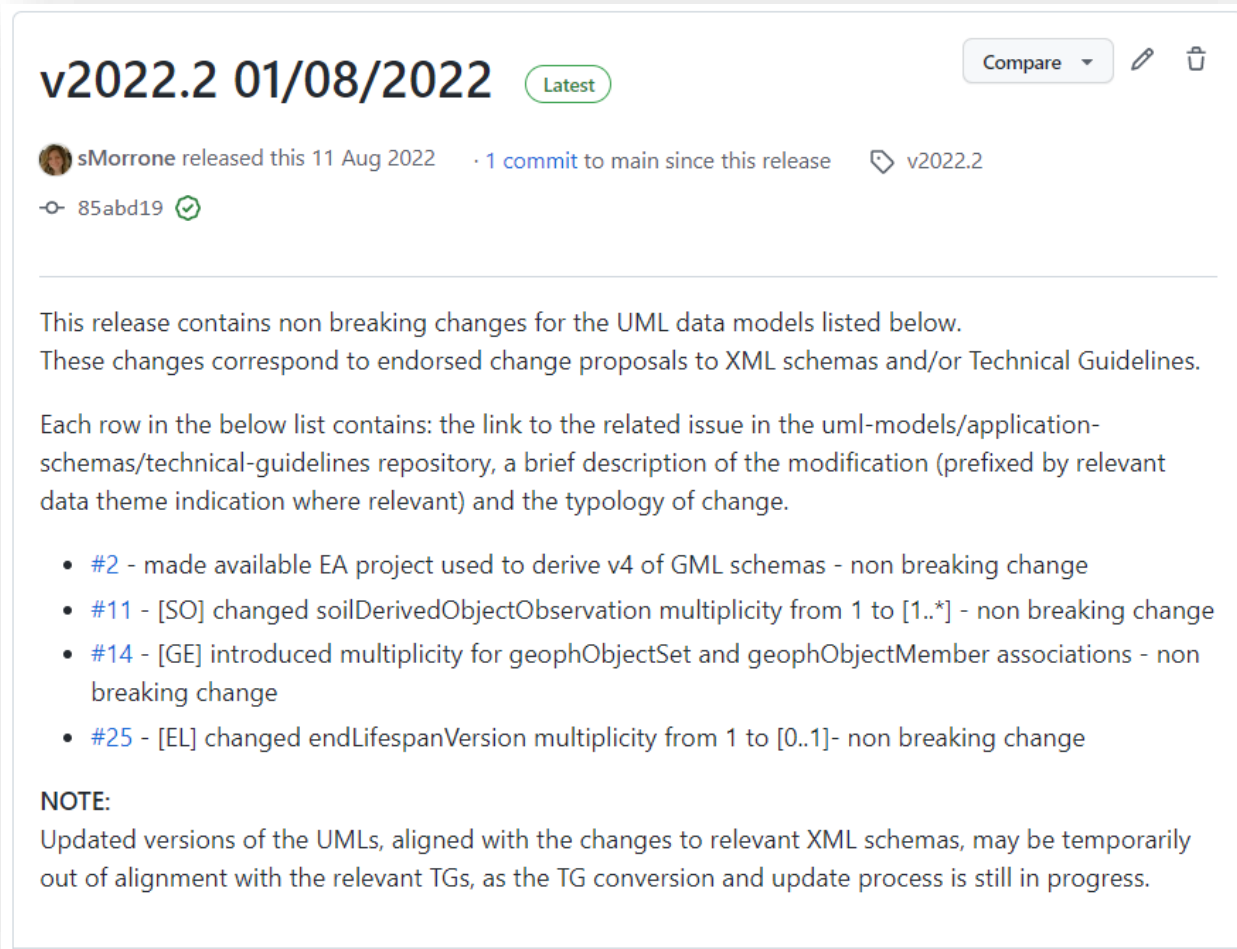
D2.8.III.3 Data Specification on Soil – Technical Guidelines

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](#)

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 ✅

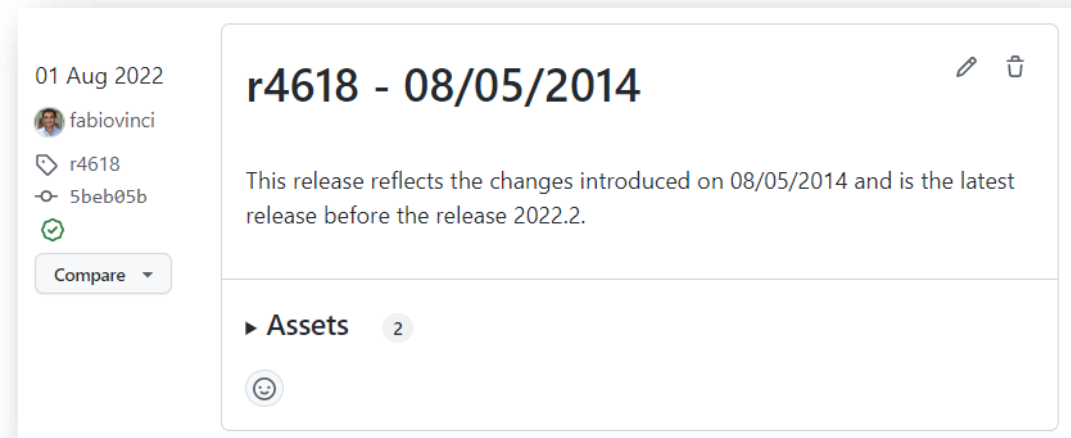
This release contains non breaking changes for the UML data models listed below.
These changes correspond to endorsed change proposals to XML schemas and/or Technical Guidelines.

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



Next release of INSPIRE schemas – v.2023.1

- Inclusion of the change proposals endorsed by the MIG as of 31/1/2023

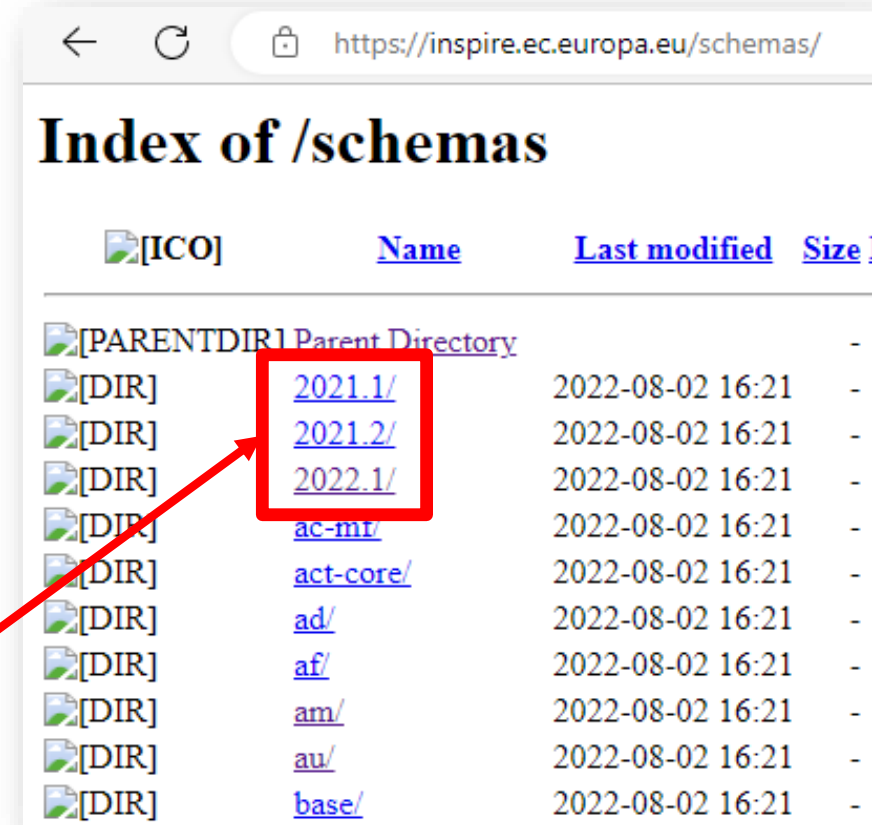
Release process

The release of the endorsed changes to the INSPIRE schemas happens twice a year and it is scheduled to take place by January 31 and July 31. This means that:

- all the changes endorsed by the MIG (either after the two-week scrutiny or during the MIG meeting in June) between February and July will be included in the release published by July 31;
- all the changes endorsed by the MIG (either after the two-week scrutiny or during the MIG meeting in November) between August and January will be included in the release published by January 31.

In addition to the scheduled releases, hotfix releases of the schemas, i.e. releases that fix critical bugs, might be released at any time.

All the releases, including a full changelog listing the changes made, are published (and will remain available) in the [Releases](#) page of this repository. After each release, the INSPIRE schemas at <https://inspire.ec.europa.eu/schemas> are updated accordingly.



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[PARENTDIR]	Parent Directory		-
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[DIR]	act-core/	2022-08-02 16:21	-
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[DIR]	am/	2022-08-02 16:21	-
[DIR]	au/	2022-08-02 16:21	-
[DIR]	base/	2022-08-02 16:21	-

2022.2

Change proposals to schemas – Already endorsed

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

Labels Milestones Edit milestone New issue

2023.1

Due by January 31, 2023 0% complete

1 Open ✓ 0 Closed

Add Norwegian and Icelandic languages to the common.xsd schema endorsed 6

non-breaking change

#59 opened on Feb 3 by sMorrone

Next release of INSPIRE TGs – v.2023.1

- Inclusion of the change proposals endorsed by the MIG as of 31/1/2023

Release process

The release of the endorsed changes to the INSPIRE TGs happens twice a year. The releases take place by **January 31** and **July 31**. This means that:

- all the changes endorsed by the MIG (either after the two-week screening meeting in June) between February and July will be included in the next release (January 31)
- all the changes endorsed by the MIG (either after the two-week screening meeting in November) between August and January will be included in the next release (July 31).

All the releases, including a full changelog listing the changes made, are available in the [Releases](https://inspire.ec.europa.eu/Technical-guidelines3) page of this repository. After each release, the <https://inspire.ec.europa.eu/Technical-guidelines3> are updated accordingly.

INSPIRE-MIF / technical-guidelines Public

Code Issues 16 Pull requests 3 Actions Projects 1 Wiki Security Insights

main 4 branches 3 tags

Switch branches/tags

Find or create a branch...

Branches Tags

main default

2022.1

2022.2

2023.1

View all branches

services Convert .adoc Files into PDF/HTML from badd8eb 2 months ago

.gitignore Update .gitignore 14 months ago

README.md Add link to conversion plan 2 months ago

Update workflow 4 months ago

Convert .adoc Files into PDF/HTML from badd8eb 2 months ago

Update process.md 4 months ago

Convert .adoc Files into PDF/HTML from badd8eb 2 months ago

Update structure for TGs and add TG metadata 12 months ago

Convert .adoc Files into PDF/HTML from badd8eb 2 months ago

111 commits

About

Community for the discussion of change proposals to the INSPIRE Technical Guidance documents.

inspire governance technical-guidance

Readme

3 stars

18 watching

12 forks

Releases 2

v2022.2 01/08/2022 Latest

on Aug 1

+ 1 release

Change proposals to TGs – Already endorsed

INSPIRE-MIF / technical-guidelines Public

Edit Pins Unwatch 18 Fork 12 Star 3

Code Issues 16 Pull requests 3 Actions Projects 1 Wiki Security Insights

Labels Milestones Edit milestone New issue

2023.1

Due by January 31, 2023 0% complete

5 Open 0 Closed

- TG Download Services - Relax content-type requirement for ATOM feed resources **endorsed**
impact on registry impact on validator
#26 opened on Dec 16, 2021 by arbakker 6
- RS - outdated links for three European reports **endorsed**
#9 opened on Sep 8, 2021 by heidivanparys 5
- GG - outdated links for three European reports **endorsed**
#10 opened on Sep 8, 2021 by heidivanparys 5
- EL - align TG with changes proposed in schema issue #42 **endorsed** impact on schemas impact on UML
#25 opened on Dec 14, 2021 by sMorrone 2
- Update vertical CRS to improved CRS **endorsed** impact on validator
#27 opened on Jan 24 by HerzovanderWal 6

<https://github.com/INSPIRE-MIF/technical-guidelines/milestone/3>

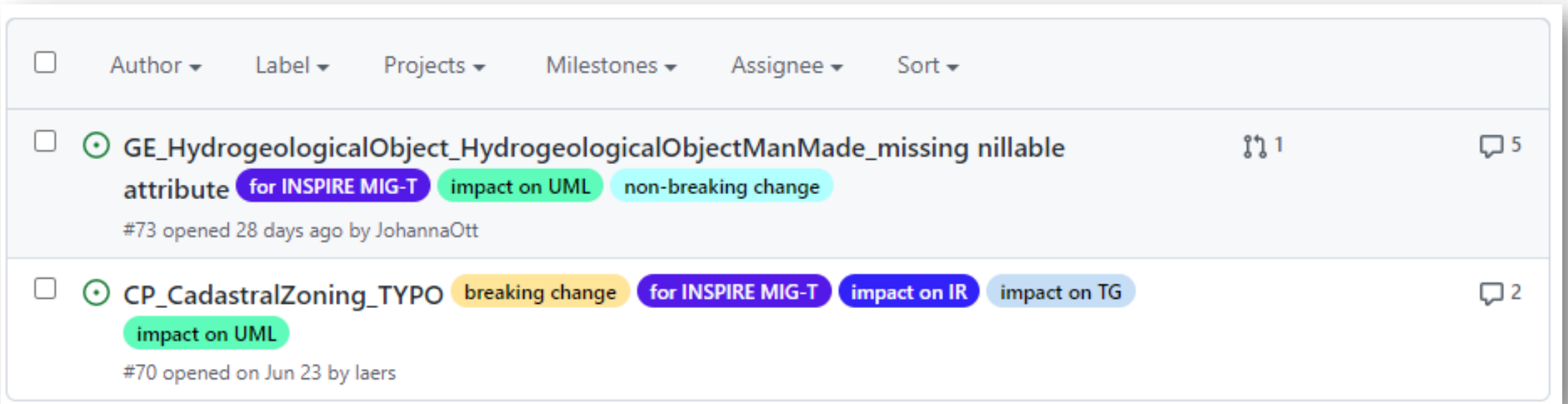
New TGs in the next release

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	"

https://github.com/INSPIRE-MIF/technical-guidelines/blob/main/tg_conversion_plan.md

New change proposals to schemas

The following change proposals have been approved by the Sub-group 2.3.1:



A screenshot of a GitHub issues page showing two approved change proposals. The interface includes a header with filters for Author, Label, Projects, Milestones, Assignee, and Sort. The first issue, #73, is titled 'GE_HydrogeologicalObject_HydrogeologicalObjectManMade_missing nillable attribute' and is labeled 'for INSPIRE MIG-T', 'impact on UML', and 'non-breaking change'. It was opened 28 days ago by JohannaOtt and has 5 comments. The second issue, #70, is titled 'CP_CadastralZoning_TYPO' and is labeled 'breaking change', 'for INSPIRE MIG-T', 'impact on IR', and 'impact on UML'. It was opened on Jun 23 by laers and has 2 comments.

Issue ID	Title	Labels	Author	Open Date	Comments
#73	GE_HydrogeologicalObject_HydrogeologicalObjectManMade_missing nillable attribute	for INSPIRE MIG-T, impact on UML, non-breaking change	JohannaOtt	28 days ago	5
#70	CP_CadastralZoning_TYPO	breaking change, for INSPIRE MIG-T, impact on IR, impact on UML	laers	Jun 23	2

<https://github.com/INSPIRE-MIF/application-schemas/issues?q=is%3Aissue+is%3Aopen+label%3A%22for+INSPIRE+MIG-T%22>

#70 CP_CadastralZoning_TYPO

There is a typo in the attribute nationalCadastralZoningReference in feature type CadastralZoning

Schema: cp/4.0/CadastralParcels.xsd

Line 549:

```
<element name="nationalCadastralZoningReference" type="string">
```

should be replaced by:

```
<element name="nationalCadastralZoningReference" type="string">
```

name

nationalCadastralZoningReference	Thematic identifier at national level, generally the full national code of the cadastral zoning.	CharacterString	
originalMapScaleDenominator	The denominator in the scale of the original paper map (if any) to whose extent the cadastral zoning corresponds.	Integer	voidable

Labels

breaking change

for INSPIRE MIG-T

impact on IR

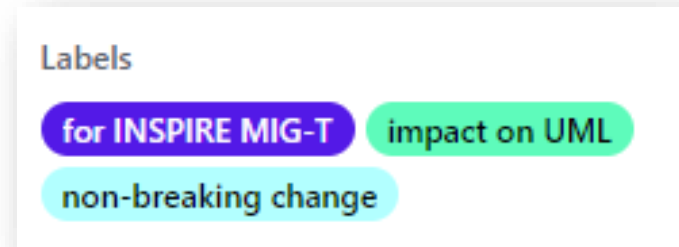
impact on TG

impact on UML

#73 GE_HydrogeologicalObject_HydrogeologicalObjectManMade_missing nillable attribute

The nillable attribute is missing for some attributes (i.e. it is not possible to provide nilReason values):

- HydrogeologicalObject.beginLifespanVersion
- HydrogeologicalObjectManMade.validFrom
- HydrogeologicalObject.endLifespanVersion
- HydrogeologicalObjectManMade.validTo
- GroundWaterBody.beginLifespanVersion
- GroundWaterBody.endLifespanVersion
- HydrogeologicalUnit.beginLifespanVersion
- HydrogeologicalUnit.endLifespanVersion

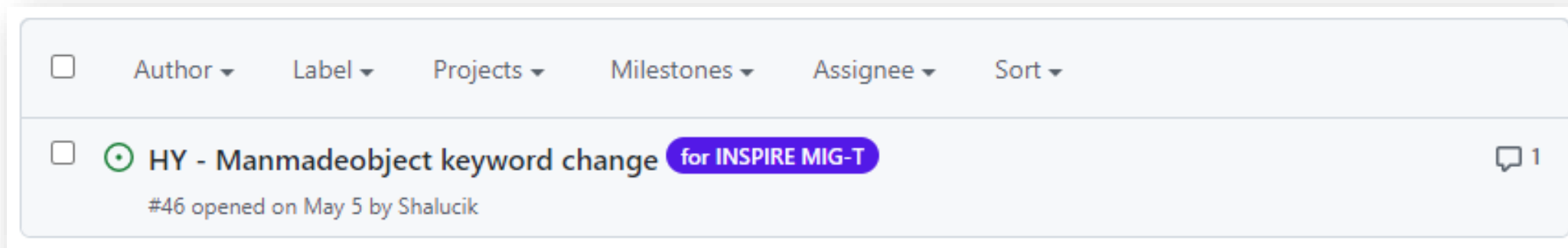


```
schemas/ge_hg/4.0/HydrogeologyCore.xsd
```

		@@ -559,15 +559,15 @@ Specifies the piezometric state of the GroundwaterBody wate
559	559	<attribute name="nilReason" type="gml:NilReasonType"/>
560	560	</complexType>
561	561	</element>
562	-	<element name="beginLifespanVersion" type="dateTime">
	562	<element name="beginLifespanVersion" nillable="true" type="dateTime">

New change proposals to TGs

The following change proposal has been approved by the Sub-group 2.3.1:



A screenshot of a GitHub issue list. At the top, there are filter buttons: a checkbox, 'Author', 'Label', 'Projects', 'Milestones', 'Assignee', and 'Sort'. Below this, a single issue is displayed. It has a checkbox, a green checkmark icon, and the title 'HY - Manmadeobject keyword change' followed by a purple pill-shaped label 'for INSPIRE MIG-T'. To the right of the title is a comment icon with the number '1'. Below the title, it says '#46 opened on May 5 by Shalucik'.

<https://github.com/INSPIRE-MIF/technical-guidelines/issues?q=is%3Aissue+is%3Aopen+label%3A%22for+INSPIRE+MIG-T%22>

#46 HY - Manmadeobject keyword change

According to the Hydrography Technical Guidelines, section “11.1 Layers to be provided by INSPIRE view services”, one of the keywords for the layer "HY.PhysicalWaters.ManMadeObject" seems wrong. It should be "**Dyke**" as per the GEMET vocabulary (<https://www.eionet.europa.eu/gemet/en/concept/2393>)

11.1 Layers to be provided by INSPIRE view services

Layer Name	Layer Title	Spatial object type(s)	Keywords
HY.PhysicalWaters.Waterbodies	Waterbody	Watercourse, StandingWater	Watercourse, River, Stream, Lake, Reservoir
HY.PhysicalWaters.LandWaterBoundary	Land water boundary	LandWaterBoundary	Coastline, Shoreline
HY.PhysicalWaters.Catchments	Catchment	DrainageBasin, RiverBasin	Basin, Catchment area, Drainage basin
HY.Network	Hydrographic network	HydroNode, WatercourseLink	Hydrographic network,
HY.PhysicalWaters.HydroPointOfInterest	Hydro Point of Interest	Rapids, Falls	Rapids, Falls, Cascade
HY.PhysicalWaters.ManMadeObject	Man-made Object	Crossing, DamOrWeir, Embankment, Sluice, Lock, Ford, ShorelineConstruction	Bridge, Aqueduct, Dam, Weir, Lock, Ford, Dick
HY.PhysicalWaters.Wetland	Wetlands	Wetland	
HY.PhysicalWaters.Shores	Shores	Shore	

dyke

Definition

An artificial wall, embankment, ridge, or mound, usually of earth or rock fill, built around a relatively flat, low-lying area to protect it from flooding; a levee. A dyke may be also be constructed on the shore or border of a lake to prevent inflow of undesirable water.

Voting on change proposals

slido

Join at
slido.com
#2766 073



Thank you!



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