MIWP 2021-2024 – Action 2.3.1 Governance of INSPIRE artefacts
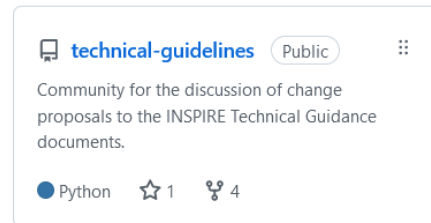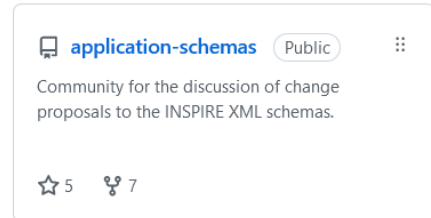
JRC INSPIRE Team

68th MIG-T meeting – February 4, 2022
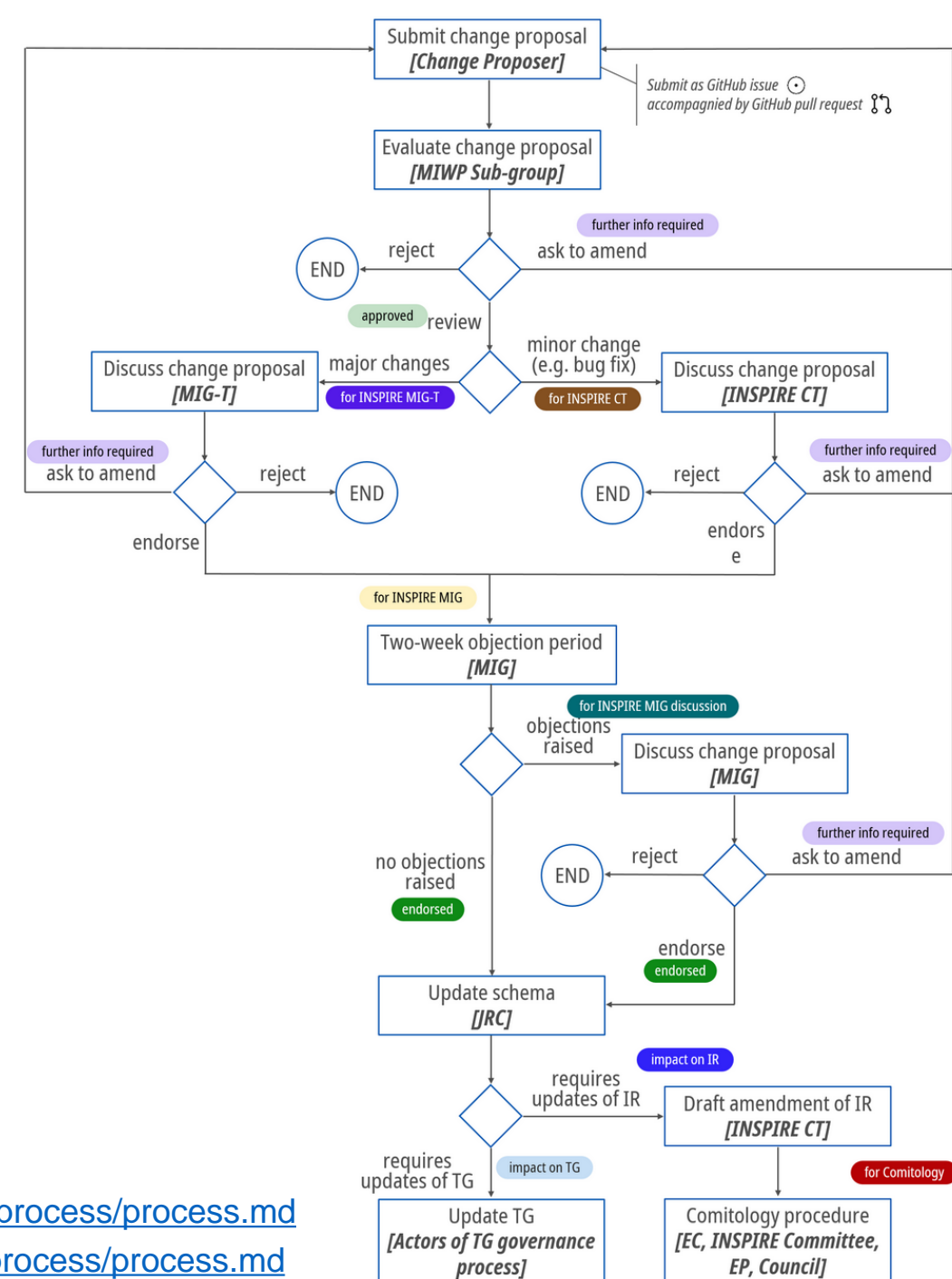
Summary of the work done so far

- New GitHub repositories for:

  - INSPIRE XML schemas: https://github.com/INSPIRE-MIF/application-schemas

  - INSPIRE TGs: https://github.com/INSPIRE-MIF/technical-guidelines

- each including:

  - the artefacts (schemas uploaded, first TG in AsciiDoc format)

  - governance workflow

  - release plan & releases

  - issue tracker & issue template to propose changes

- Sub-group 2.3.1:

  - 7 experts from 5 Member States (CZ, DE, ES, IT, PL)

  - tasked to assess incoming change proposals together with the helpdesk facilitators

  - 4 meetings held so far (last one on 15/12/2021)

application-schemas (Public)

Community for the discussion of change proposals to the INSPIRE XML schemas.

☆ 5   ⑂ 7

technical-guidelines (Public)

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

● Python   ☆ 1   ⑂ 4

Governance of INSPIRE artefacts (schemas/TGs)

- Governance approach for XML schemas and TGs, defining:
  - the stages of the process, actors, rules, roles, responsibilities and timelines
  - the release plan
  - the practical tools to be used in the 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

Release plan of INSPIRE schemas & TGs

- **2 releases per year** on January 31 and July 31:
  - schemas: releases happened on 15/11/2021 and 31/01/2022
  - TGs: first release (only for the metadata TG v.2.0) happened on 31/01/2022

Release process

The release of the endorsed changes to the INSPIRE schemas happens twice a year and it is scheduled to take place on **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 on 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 on 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.

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

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

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INSPIRE schemas – Release v.2021.2

v2021.2 15/11/2021

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 issue in the application schema repository, a brief description of the modification (prefixed by relevant data theme indication), the link to pull request, indication of the new schema version and the typology of change.

- #1 **[PF]** Added type and *maxOccurs* to *riverBasinDistrict* - #2 - **v4.0.1** non breaking change - **bugfix**

- #4 **[US-emf]** Added type to '*EnvironmentalManagementFacility*' + missing parts in '*parentFacility*' - #3 - **v4.0.1** non breaking change - **bugfix**

- #8 **[SO]** Added missing associations to *OM_Observation* + *soilDerivedObjectObservation* from 1 to [1..*] - #18 - **v4.0.2** breaking change - **bugfix + enhancement**. The versioning considers the v4.0.1 of the schema in draft repository.

- #10 **[omso]** Changed *TimeLocationValueTriple* type from wml2:TimeValuePair to wml2:MeasurementTVP - #16 - **v3.0.1** breaking change - **bugfix**

- #11 **[common]** Corrected typo in the Dutch INSPIRE theme enumerations XSD - #12 - **v1.0.2** breaking change - **bugfix**

- #17 **[GE_gp]** Added type and nilReason to the distributioninfo - #46 - **v4.0.1** non breaking change - **bugfix**

In addition, in this release, folders containing obsolete schemas have been removed. The list below contains: the link to issue in the application schema repository, a brief description of the modification and the link to the related pull request.

https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2021.2

INSPIRE schemas – Release v.2022.1

v2022.1 31/01/2022 (Latest)

This release contains only non-breaking changes corresponding to one change proposal.

Find below: the link to the change proposal issue in the application schema repository, a brief description of the modifications carried out, the link to the pull request, indication of the schema version and the typology of change.

- #7 [common] Updated common.xsd in order to add Croatian language + Added a related enum_hrv.xsd - #55 - **common v1.0.2 - enum_hrv.xsd v1.0.0** - non breaking change - **bugfix**

In addition, in this release:

- Added a folder named '2021.2' 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 '2021.2' #57
- Updated readme file with changelog of release v2022.1 #57

https://github.com/INSPIRE-MIF/application-schemas/releases/tag/2022.1

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INSPIRE schemas repository

Index of /schemas

[ICO]	Name	Last modified	Size	Description
[PARENTDIR]	Parent Directory		-	
[DIR]	2021.1/	2022-01-31 13:30	-	
[DIR]	2021.2/	2022-01-31 13:30	-	
[DIR]	ac-mf/	2022-01-31 13:30	-	
[DIR]	act-core/	2022-01-31 13:30	-	
[DIR]	ad/	2022-01-31 13:30	-	
[DIR]	af/	2022-01-31 13:30	-	
[DIR]	am/	2022-01-31 13:30	-	
[DIR]	au/	2022-01-31 13:30	-	
[DIR]	base/	2022-01-31 13:30	-	
[DIR]	base2/	2022-01-31 13:30	-	
[DIR]	br/	2022-01-31 13:30	-	
[DIR]	bu-base/	2022-01-31 13:30	-	
[DIR]	bu-core2d/	2022-01-31 13:30	-	
[DIR]	bu-core3d/	2022-01-31 13:30	-	
[DIR]	common/	2022-01-31 13:30	-	

- Directories including the full sets of schemas from previous releases:
  - to be used to preserve existing implementations

https://inspire.ec.europa.eu/schemas

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INSPIRE TGs – Release v.2022.1

v2022.1 31/01/2022 (Latest)

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

Each row in the below list contains: the link to the related issue in the TG repository issue tracker, a brief description of the modification, the link to the related pull request, the typology of change.

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

v2.1.0 - minor version

- #8 Updated requirements and text about the encoding of ISO 19139 code lists - related code lists URLs updated - #21 - breaking change
- #18 Amended TG Requirement C.15 to allow creation and revision dates - #23 - breaking change
- #19 Updated link to examples of compliant metadata records- #22 - non-breaking change
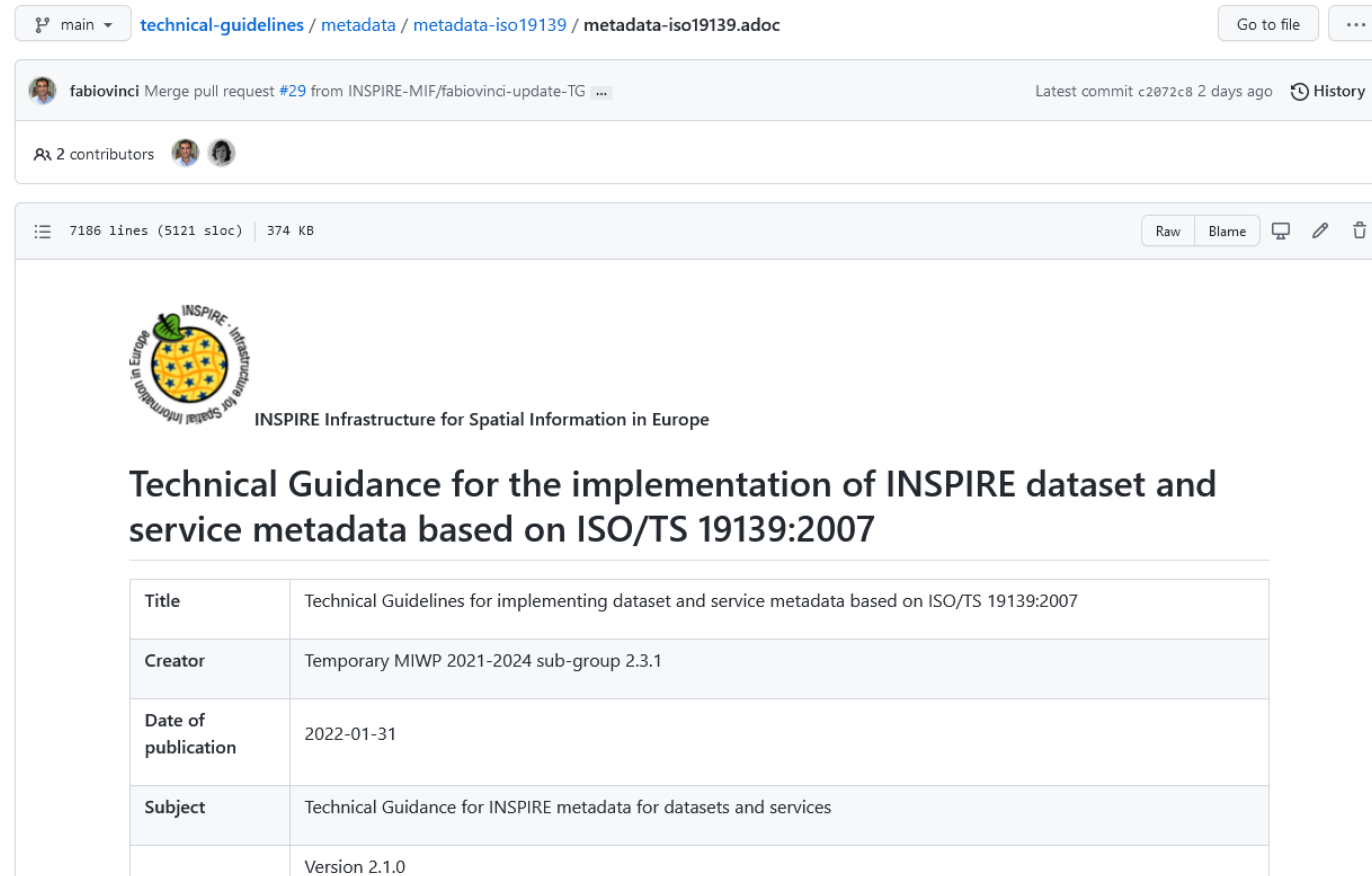
In addition, in this release:

- Updated information section for release v2022.1 #29

https://github.com/INSPIRE-MIF/technical-guidelines/releases/tag/2022.1

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INSPIRE TGs – Release v.2022.1

- First TG (MD v.2.1.0) available on GitHub:
  - converted from docx to AsciiDoc using Pandoc & Python

INSPIRE TGs – Release v.2022.1

- First TG (MD v.2.1.0) available on GitHub:
  - converted from docx to AsciiDoc using Pandoc & Python
- Related page on the IKB updated

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

Document Information

Document URL⧉
Description:
Implementation specification for defining metadata for INSPIRE datasets and services in ISO/TS 19139 based XML format in compliance with the INSPIRE Implementing Rules for metadata.

Subject: Technical Guidance for INSPIRE metadata for datasets and services
Publisher: INSPIRE Maintenance and Implementation Group (MIG)
Published Date: Monday, January 31, 2022
Type: Guidance document
License: Creative Commons Attribution (cc-by) 4.0⧉

🏷 **Category:**
Metadata

🏷 **Tags:**
ISO 19139
service metadata
Version: 2.1.0
Release Note: 📄 rnotev.2.1.0.txt

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Next steps

- Conversion of all TGs in AsciiDoc (gradually happening in the next 3 years):
  - prioritisation to be made
- Next sub-group meeting in March:
  - discuss & take decision on new change proposals
- CT (next week) and MIG-T (in March/April):
  - accept new change proposals and move them to the MIG
- MIG (in March/April):
  - endorse new change proposals
- Release v.2022.2 of both schemas and (available) TGs scheduled on 31/7/2022

Thank you!

✉ marco.minghini@ec.europa.eu

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