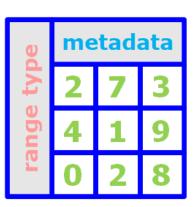
INSPIRE Coverage Good Practice

Candidate for endorsement

Good Practice - Overview

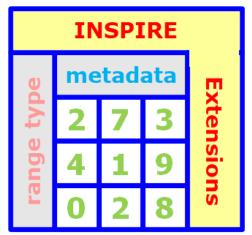


OGC CIS1.0
Implementation model





INSPIRE Conceptual model





INSPIRE
Implementation
model
(Good Practice)

)e	INSPIRE Cov Metadata		
typ	2	7	3
nge	4	1	9
Ľa	0	2	8



INSPIRE Good Practice Status - 1 of 6 Steps

Step 1. Initiation

Identification of issues & needs + Discussion

- 2014 2020. INSPIRE Thematic Clusters / INSPIRE Community Forum
 - Implementation of INSPIRE Coverages Webinar, 6th November 2017.
 - Practicing INSPIRE coverages Enhancing your data cube implementation assets! Workshop, INSPIRE Conference 2018 Antwerp.
 - Feel the power of INSPIRE WCS/WCPS in your hands! Workshop (Summary), INSPIRE Helsinki 2019.
 - INSPIRE Coverages demystified Workshop (Description + Presentations + Video).
 - Online INSPIRE Conference 2020 (10th June 2020).

Discussion document

2nd July 2020. Presentation at the 62nd MIG-T Meeting

INSPIRE Good Practice Status - 2 of 6 Steps



Step 1. Initiation



Step 2. Submission as good practice candidate

https://inspire.ec.europa.eu/good-practice/ogc-compliant-inspire-coverage-

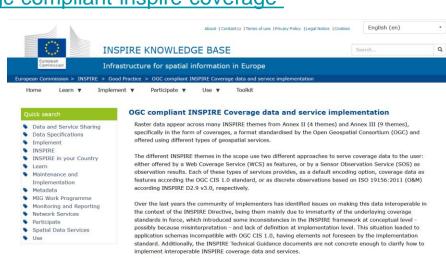
data-and-service-implementation

13th October 2020. 63rd MIG-T Meeting

RESULT: Endorsed as candidate!

Implementations

- ICGC (es).
- SYKE (fi).
- Landesamt für Vermessung und Geoinformation Schleswig-Holstein (de).



practices, evaluated and demonstrated through sample services.

Since 2014 a number of OGC, ISO and INSPIRE experts have teamed up in the scope of the activities of the INSPIRE Community Forum to identify the related issues and overcome the drawbacks by establish best

INSPIRE Good Practice Status - 3 of 6 Steps

- Step 1. Initiation
- Step 2. Submission as good practice candidate
- Step 3. Outreach

https://inspire.ec.europa.eu/coverage-good-practice

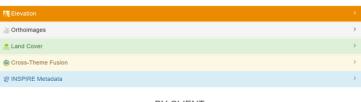
https://inspire-wcs.eu/

→ Collected Feedback

(Datasets provided by ICGC, Barcelona, Spain and SYKE, Helsinki, Finland and Landesamt für Vermessung und Geoinformation Schleswig-Holstein, Kiel, Germany)



BY INSPIRE THEME:



BY CLIENT:



Post-Outreach

Feedback (https://github.com/INSPIRE-MIF/helpdesk/issues/22)

- Herzo van der Wal Rijkswaterstaat (nl), www.rijkswaterstaat.nl
- Christine Hörfarter Geologische Bundesanstalt / Geological Survey of Austria (at), www.geologie.ac.at
- Janos Schaefer Saarland GDI (de), https://geoportal.saarland.de
- Paloma Abad IGN Spain (es), http://www.ign.es / http://www.idee.es
- Geosolutions.

Feedback presented during 65th MIG-T Meeting (15th April 2021)

INSPIRE Good Practice Status - 4 of 6 Steps

- Step 1. Initiation
- Step 2. Submission as good practice candidate
- Step 3. Outreach
- ... Step 4. Submission MIG Endorsement?
 - Step 5. Legal scrutiny
 - Step 6. Feedback

Conclusion & outlook

- What the GP will bring if endorsed:
 - Efficient and interoperable provision of (raster) coverage data, reusable by the relevant INSPIRE thematic domains referred.
 - Compliance assurance of INSPIRE coverage models to OGC CIS 1.0 modelling paradigms without major modifications to data models.
 - Data can be provided using any WCS service publication engine conforming to OGC CIS 1.0.
 - Interoperability through agreement on a generalized solution towards encoding, avoiding diverse options defined by MS or thematic community, and enabling consistent provision via WCS/WCPS.
 - Will boost the availability of coverage data, underpinning the huge potential of WCS/WCPS in raster data analytics.
- What should be done if the GP is not endorsed:
 - Propose an alternative (clear & interoperable) solution to provide data for INSPIRE raster themes.

Dedicated GitHub repository: https://github.com/INSPIRE-MIF/gp-coverage-encoding