



# ACTION 2.5 SUBGROUP ON THE ALIGNMENT OF INSPIRE AND HIGH VALUE DATASETS IMPLEMENTATION

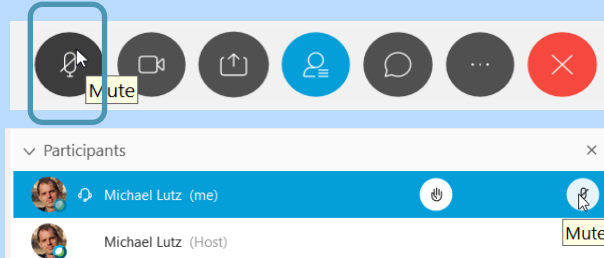
Kick-off meeting

*Online, 5 October 2023*

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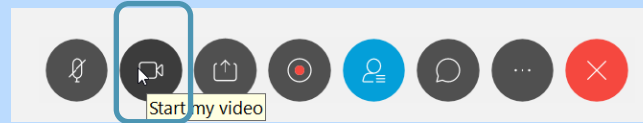
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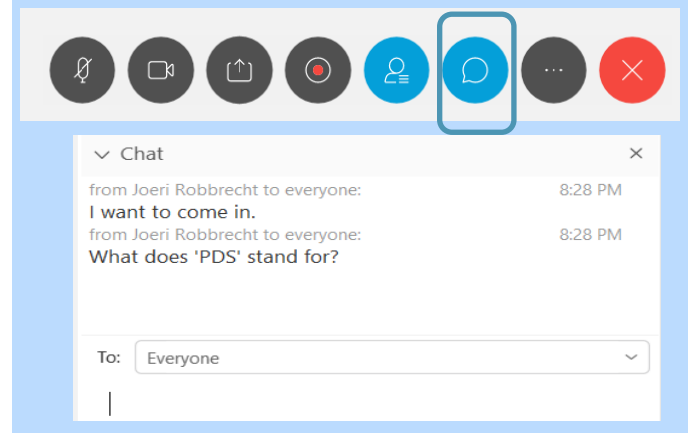
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## DRAFT AGENDA

Time	Agenda item
10:00	Welcome and presentation by the Commission on the agreed action mandate, subgroup focus areas and boundary conditions.
10:10	State of play <ul style="list-style-type: none"><li>• Legislation</li><li>• Technical rules on metadata, networks services - API's, monitoring &amp; <a href="#">reporting</a></li><li>• Need for further detailing of the HVD annex for environmental data building on the list of priority <a href="#">datasets</a></li><li>• Data reuse, licenses</li></ul>
10:30	Organisation of work - Proposal for dedicated workgroups under the 2.5 Action subgroup
10:50	Any other business
11:00	Conclusions and next steps
11:05	<b><i>End of meeting</i></b>

# MIWP Action 2.5 mandate

Approved by the MIG in written procedure. The action mandate was approved by consensus (25 in favours of which 12 tacit agreements, 2 abstentions, EFTA States tacitly agreed).

# Action mandate in a nutshell 1/2

## Issues

- Moving from a provider-centric to a user-centric data sharing approach (real demand, tangible use cases)
- Once-only implementation for data sharing

## Action

- Data prioritisation in line with HVD, building on the existing priority list of datasets.
- Streamlining of technical rules for publication and access of datasets under INSPIRE and HVD
- Aligning monitoring and reporting.

## Outcomes

- List of priority datasets and possible use cases
- INSPIRE good practices as implementation guidance (fact sheets) for only once publication of spatial environmental data.
- Recommendations for the GreenData4All impact assessment on aligning INSPIRE and HVD

# Action mandate in a nutshell 2/2

## Tasks

- Manage the list(s) of priority datasets and monitor their availability.
- If capacity is available, initiate pilot projects to pilot the user-centric approach.
- Identify and promote good practices or recommendations for aligning the legal framework with horizontal data legislation.

## Organisation

- Chaired by the Commission.
- A temporary dedicated sub-group reporting back to the MIG.
- Engage with relevant external stakeholders.

## Rough Timeline

- Call for nominations in October 2023.
- Development of good practices and documentation of needed legal changes to streamline implementations and as input for the GreenData4All impact assessment. (Q4 2023 –Q2 2024).
- Alignment fact sheets before Summer 2024.

# Boundary conditions

- Good practices as main instrument, 'Green Data for All' as instrument for changes to the legal framework.
- One implementation for HVD/INSPIRE with maximal reuse of existing INSPIRE implementations.
- Move access regimes towards open data (Creative Commons BY 4.0 licence or any equivalent or less restrictive open licence).
- Governance: bring in the Open Data community

# Suggested work items for discussion

- Principal focus areas for good practices: **metadata (ISO / DCAT-AP), network services**
- The policies surrounding **data sharing and access** in INSPIRE should be reviewed and updated to ensure they are consistent with the provisions of the High Value Datasets implementing act. **(GreenData4All)**
- The **data portals** used for INSPIRE-regulated data **should be integrated** with the data portals established by the High Value Datasets implementing act to improve the accessibility of data for users. **(INSPIRE / Metadata good practice)**
- The **principles of open data**, as established by the High Value Datasets implementing act, should be promoted and encouraged in the implementation of INSPIRE. **(INSPIRE / GreenData4All)**
- It is important to **build capacity** among relevant stakeholders, including data providers and users, to ensure that they are aware of the provisions of the High Value Datasets implementing act and can effectively align their practices with these provisions. **(INSPIRE / Webinars - Helpdesk)**
- Collaboration between relevant stakeholders, including data providers, data users, and government agencies, is crucial to ensure that the INSPIRE Directive and the High Value Datasets implementing act are aligned in a harmonized and effective manner. **(INSPIRE – Involve Open Data community / GreenData4All)**
- **Regulatory monitoring and reporting should be fully aligned** and conducted to assess the effectiveness of the alignment between the INSPIRE Directive and HVD **(INSPIRE - Metadata good practice / GreenData4All)**



# State of Play

# Policy context

- Provisions of the Open Data Directive

- Six categories of HVD

- HVD shall be

- available free of charge;
    - machine readable;
    - provided via APIs; and
    - where relevant provided as a bulk download,.

- Implementing act on HVD

- Thematic scope/list of HVD within each of the categories, incl. key attributes
  - Arrangements for their publication and reuse
    - Requirements defined regarding licenses, accessibility (API and bulk download), metadata

1. Geospatial

2. Earth observation and environment

3. Meteorological

4. Statistics

5. Companies and company ownership




6. Mobility

## HVD should:

- generate significant socioeconomic or environmental benefits and innovative services;
- benefit a high number of users, in particular SMEs;
- assist in generating revenues; and
- be combined with other datasets.

# Links with INSPIRE

- The HVD Implementing Act is well aligned with INSPIRE, both legal acts reinforce each other
  - Technical provisions for several categories of HVD are based on INSPIRE
  - Explicit open data requirements for datasets in the scope of INSPIRE are introduced
  - Newly updated Geoportal Frontend interface prototype is prepared
- Opportunities for new important use cases proving high value

 1. Geospatial	 2. Earth observation and environment	3. Meteorological
4. Statistics	5. Companies and company ownership	 6. Mobility

**The implementation of INSPIRE alone does not satisfy all the requirements of the HVD Implementing Act**

- There is no 100 % overlap between the HVD Implementing provision and INSPIRE
  - Other data may exist in the MS (e.g. in the Open Data portal) that is not explicitly spatial

# Requirements: Metadata

## Metadata

- Describing the datasets within the scope of the INSPIRE data themes shall contain at least the metadata elements set out in Commission Regulation (EC) No 1205/2008
- HVD will use DCAT-AP for describing metadata
- **How to identify HVDs (INSPIRE Geoportal, Open Data Portal)**
  - HVD DCAT-AP will use a [codelist](#) documented in VocBench (EU Publications Office registry) that describes HVD categories
  - Further develop the list of priority datasets in line with HVD
  - Align the concept of [priority datasets](#) (PDS) in INSPIRE with HVD (all PDS are HVD) + [IACS](#) (LPIS and GSAA Data)
  - Document INSPIRE metadata codelists in VocBench
  - Add HVD categories codelist to the INSPIRE registry
  - Collaboration with OP on the integration of INSPIRE and Open Data portal

## GeoDCAT-AP - Version 2.0.0

A geospatial extension for the DCAT application profile for data portals in Europe



- The INSPIRE Directive mandates the use of the ISO 19115 metadata standard for the documentation of spatial datasets and services as it is specifically developed for spatial data management. To guarantee interoperability with the open data community and the Open Data Portal managed by OP, JRC has developed the GEODCAT-AP that allow to convert ISO 19115 metadata to DCAT-AP metadata on the fly and supports harvesting of metadata from the INSPIRE geoportal by the Open Data Portal.
- For the moment DCAT-AP is being reviewed, A new version DCAT-AP 3.0 is being developed, taking into consideration metadata provisions coming from the High-value datasets Implementing Regulation and supporting compatibility with ISO 19115 metadata standard mandated for spatial data in scope of the INSPIRE Directive
- SEMIC has agreed to provide specific guidance for the INSPIRE community.

<https://semiceu.github.io/GeoDCAT-AP/drafts/latest/>



# Requirements: Licensing

- Licensing

- Datasets to be made available under the conditions of the **Creative Commons BY 4.0** licence or **any equivalent or less restrictive open licence**;
- Licenses in INSPIRE
  - Wide variety of standards in use, incl. custom ones
  - Licensing information very often missing
- A mandatory use of the **Creative Commons BY 4.0** licence or any equivalent or less restrictive open licence for data with full and free reuse can be proposed for **Green Data for All**.

# Requirements: Accessibility

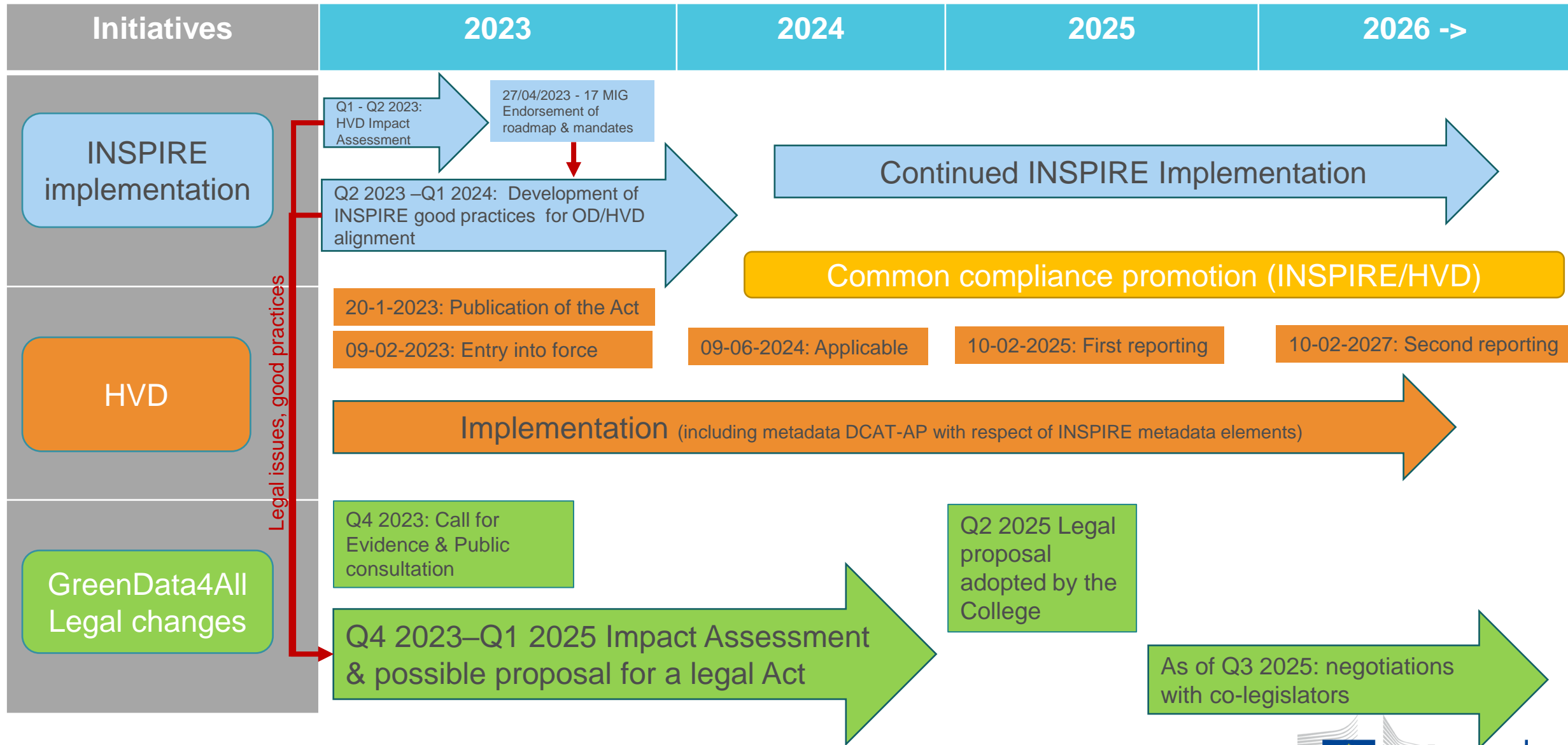
- Datasets to be made available through Application Programming Interfaces (API) **AND** bulk download;

INSPIRed Network Service	API	Bulk download
OWS: WFS, WCS, SOS	X	X
OGC APIs: STA and OGC API-Features	X	X
ATOM Feeds		X

- API terms of use shall be accompanied by API documentation in a Union or internationally recognised open, human-readable and machine-readable format.
  - OWS: GetCapabilities responses
  - OGC APIs: Open API Documentation, landing pages, conformance declarations

# Requirements: Monitoring & Reporting (frequency)

- HVD (Article 5)
  - **2 years** after entry into force of this Implementing Regulation Member States shall provide the Commission with a report on the measures they have carried out to implement this Implementing Regulation. Where appropriate, the information under paragraph 3 can be provided through references to relevant metadata.
  - Each Member State shall provide an updated version of the report upon the request of the Commission which should be made **every 2 years**.
- INSPIRE
  - An amendment is proposed for aligning the frequency of reporting under INSPIRE with the HVD as part of a Commission-wide rationalisation of reporting obligations (in particular for the 25% reduction target). This is the first step in alignment.



Legal issues, good practices



# Requirements: Monitoring & Reporting (content)

## HVD

## INSPIRE

Already satisfied by  
INSPIRE metadata

In general, not applicable  
for INSPIRE (derogation  
Art. 13(f), fees Art. 17(3))

- a list of specific datasets at Member State level (and, where relevant, subnational level) with online reference to metadata
- persistent link to the licensing conditions applicable
- persistent link to the APIs ensuring access to the high-value datasets
- where available, guidance documents on publishing and reusing
- where available, the existence of data protection impact assessments carried out in accordance with Article 35 of Regulation (EU) 2016/679 (GDPR)
- the number of public sector bodies exempted in accordance with Article 14(5) of Directive (EU) 2019/1024 (datasets for which a fee is asked)

- how public sector providers and users of spatial data sets and services and intermediary bodies are coordinated, and of the relationship with the third parties and of the organisation of quality assurance;
- the contribution made by public authorities or third parties to the functioning and coordination of the infrastructure for spatial information;
- information on the use of the infrastructure for spatial information;
- data-sharing agreements between public authorities;
- the costs and benefits of implementing this Directive.
- + 19 monitoring indicators, automatically calculated based on metadata provided and assessments made by the INSPIRE validator

- The responsible Commission Services (CNECT, ENV) will try to seek further alignment and make a proposal by Summer 2024 (first reporting cycle HVD: 10-02-2025)

# Organisation of work

Proposal for dedicated workgroups under the 2.5 Action subgroup

# Organisation of work

- Collaboration platform: <https://github.com/INSPIRE-MIF>
- Topics of work
  - 1. Alignment of technical rules, preferable through good practices. Drafting of fact sheets as implementation guidance. (core: Metadata, Network Services; Additional; historical data, granularity) (Q1 2024).
  - 2. Further development of the list of priority datasets based on the HVD categories « Geospatial », « Earth Observation and Environment » and « Mobility ». (Summer 2024)
  - 3. Alignment of rules for monitoring and reporting (Summer 2024).
- Proposal:
  - Recuperation of experts already registered for deprecated actions 2.1 & 2.2 + call for experts with specification of expertise (1,2,3 or a combination) (9 -23 October)
  - 1 subgroup, limited capacity, for every subgroup meeting we mention the core topics to be discussed.
  - 2<sup>nd</sup> meeting (indicatively): online, 26 October 2023, 10:00 -12:00

# Thank you



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