



NEED-DRIVEN DATA PRIORITISATION BRIEF REPORTING FROM EEA

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Agenda

1. Framework: WP 2021-2024
2. WGs presentation
3. Some MIG activities
4. Conclusion

1. The WP 2021-2024 and related actions

- 1.1 Develop a future vision for the role of INSPIRE in the Green Deal Data space
- 2.1 Define the INSPIRE “crown jewels” – those data sets/themes
- 2.2 Focus implementation efforts to maximize availability, ensure interoperability and reach pan-European spatial coverage
- 2.3 Simplifying and mainstreaming the technical requirements
- 3.1 Transition from the current legal framework to a digital ecosystem for environment and sustainability.

1.1	<u>Towards a digital ecosystem for the environment and sustainability</u>	Jordi Escriu
2.1	<u>Need-driven data prioritisation</u>	Nathalie Delattre
2.2	<u>Roadmap for priority-driven implementation</u>	Nathalie Delattre
2.3	<u>Simplification of INSPIRE implementation</u>	Nathalie & Jordi
2.4	<u>Central INSPIRE infrastructure components</u>	Jordi Escriu
3.1	<u>GreenData4all initiative</u>	Jordi Escriu

2.1 Action 2.1: Need-driven data prioritisation

Issues:

- Harmonisation and full implementation for all data is considered cumbersome.
- Data offering not in line with users needs

Main objectives:

- Drive further implementation : fit for purpose in line with real demand and use cases
- Support creation and availability of pan-European datasets and APIs (Environment , European Green Deal)
- Data prioritisation should satisfy concrete needs (local -> european) e.g. priority list of datasets for e-Reporting -> SDGs
- In line with emerging legal frameworks : HVDs of Open data Directive

2.2 Action 2.1 : Need-driven data prioritisation

Tasks:

1. Develop a **prioritisation methodology**.
2. Document data priorities (use case(s), data requirements, reuse capacity ...) and demonstrate possible data usage.
3. Manage data **priorities as list(s) of priority INSPIRE datasets** (e.g. **priority list of datasets for e-Reporting, core data sets, High Value Datasets**) and develop guidance for their implementation.
4. Identify, discuss and **remediate priority data implementation issues** e.g. by **considering or proposing alternative data sources** (e.g. Copernicus, open source data) **to complete pan-European availability**.
5. Support fast-track data requests, e.g. based on the European Commission request for spatial data.
6. **Monitor the availability** of the data priority datasets in the INSPIRE Geoportal.

2.3. WorkGroup 2.1 and schedule

- Members: lead by DG ENV and EEA, with contribution by the JRC, Member States, EFTA Member States and European Commission DGs, depending on use cases: Eurostat, DG CNECT and DG AGRI.
First meeting in May 2021
- Main contact: Stefan Jensen(EEA)

2.4 Action 2.2: Roadmap for priority-driven implementation

Work together in line with the data prioritisation effort (2.1)

Towards a simplification efforts in matter of harmonisation

Tasks:

Task 1: Identifying the **flexibilities of the legal framework**, building on previous **simplification** efforts.

Task 2: Develop **implementation maturity levels** based on the level of interoperability, data priorities and identified legal flexibility (incl. legal validation)

Task 3: Impact **assessment of the proposal** on existing and future implementation.

Task 4: **Develop good practices** to support a common understanding and facilitate a common implementation of the maturity levels. Pilot the proposed maturity levels on selected data sets.

Task 5: **Draft guidance** (legal, political, technical) on application of maturity levels.

Task 6: Gather recommendations for future improvements to the legal framework

2.5. Action 2.2 :WorkGroup and schedule

- 10 experts from 8 Member States have joined the subgroup: NL, ES, PL, CZ, SK, AT, EL, FR
- First meeting in May 2021
- Mini-Workshop in June 21 wth MIG members on harmonized /non-Harmonised data issue.
- Next meeting in November 2021
- Main contact: Joeri Robbrect(ENV)

3. Activities (some results)

1. Priority list of datasets for e-Reporting and harmonization (2.1)
2. Activities to pan-European data harmonization (2.1)
3. Mini-workshop on harmonized and non-harmonized datasets (2.2)

3.1. Priority list of datasets for e-Reporting (MIWP Action 2.1)

1) Issues on INSPIRE data schema and data harmonization (Ex: Air Quality Directive)

- INSPIRE data schema not fit for (info split into several themes ..)
- Need for modeling raster data (raster data not well implemented in many themes)

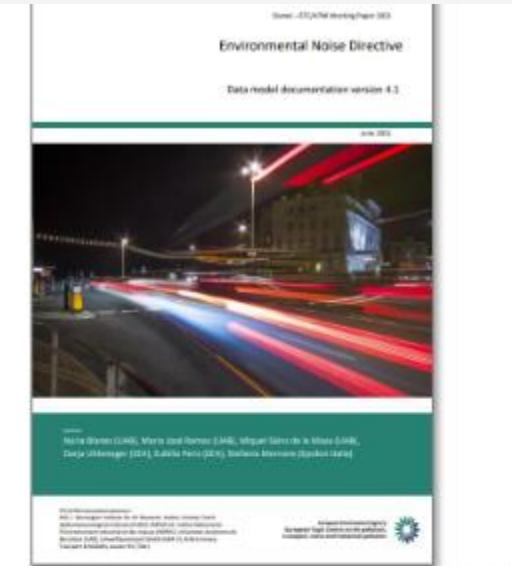
2) Data harvesting process in Reportnet 3.0 (in development)

- Harvesting of INSPIRE compliant data (PS)
- Generic data harvesting (to be applied to different reporting)

3.2 Harmonised European Data Model (MIWP Action 2.1)

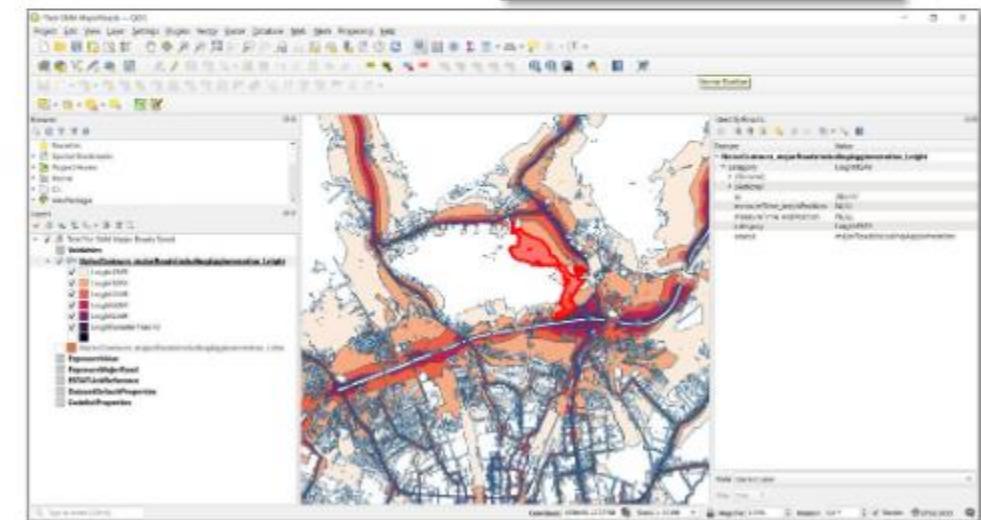
Environmental Noise Directive – new reporting mechanism

- **Adopted Implementing Decision** - setting up a mandatory data repository and a mandatory digital information exchange mechanism
- **Conceptual level**: spatial data aligned with INSPIRE data specifications
- Reporting data flows and noise topics are discussed in **Eionet NRC Noise**



Reportnet 3.0:

- Reporting data flows will be implemented until end of 2021
- Data flows will be progressively open for testing
- **Reporting dataflow of major roads, major railways, major airports and agglomerations is currently open for testing (spatial data)**
- **Official reporting of strategic noise maps in 2022**
- Geospatial data encoding: **GeoPackage**
 - Presented to the INSPIRE Working Group on GeoPackage
 - Contribution to the INSPIRE alternative encoding development
- More information: <https://www.eionet.europa.eu/reportnet/docs/n>



3.3 Mini-workshop on harmonized and non-harmonized datasets (MIWP Action 2.2)

Aims:

- Common understanding of minimal harmonisation efforts and interoperability requirements within the boundaries of the current legislative framework.
- The possibility for publishing non-harmonised datasets (on the INSPIRE geo-portal)

3.4 Mini-workshop on harmonized and non-harmonized datasets (MIWP Action 2.2)

General outcomes:

- Rich non-harmonized data for national/regional/local use cases should be published under INSPIRE.
- Impact on Member States, Tools and infrastructure should be zero or minimal.
- Need for technical flexibility supporting different approaches
- Look for a legally sound solution (compliant with the current legal framework) supporting a proportionate harmonization effort in line with the data prioritization
- Possible options to explore:
 - change calculation of the data compliance indicator in the reporting
 - use “where practicable” for more targeted data harmonization

4. Conclusion

- Select a list of datasets to be INSPIRE compliant that meet users' need
- Specific needs for Pan-European datasets
- Define different level of INSPIRE compliancy
- Simplification in implementation
- In the limits of the legislation framework or ...?
- No additional burden in implementation/ build upon what is existing



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