INSPIRE MIWP 2020-2024

Action 2.1 Need-driven data prioritisation

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Action 2.1 Progress

- Quiet period

- Activities related to high value datasets are awaiting adoption of legislation

- Priority list of datasets for e-Reporting

- Information about other related activities

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Questions related to priority datasets for e-Reporting

- **Proposed as candidate for the list (proposal: AT)**

- **Air emissions data:**

  - Spatial emissions data submitted under the Convention on Long Range Transboundary Air Pollution of the United Nations Economic Commission for Europe (UNECE/LRTAP) and NEC Directive (National emissions of certain atmospheric pollutants)

  - Several open questions:

    - Unclear INSPIRE application schema for data harmonisation

    - INSPIRE data model – data provided as vector or raster data:

      - Raster data are not well implemented in many INSPIRE data models

    - Modelled versus measured data – which INSPIRE data model should be used

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Data harvesting in e-Reporting

- **Dependencies in development**

  - Different priorities and timelines between national developments and reporting data flows in Reportnet 3.0

- **Data harvesting in Reportnet 3.0 (EEA activity)**

  - In development: as option to import reporting data

  - 2 cases in development:

    - Data harvesting of INSPIRE Protected sites compliant datasets for the Nationally Designated Areas (CDDA reporting data flow)

    - Generic data harvesting of basic spatial data (geometry, identifier, name) that could be applied to different reporting data flows (linking with other data)

  - Outcomes can be provided at the end of this year and after testing of reporting data

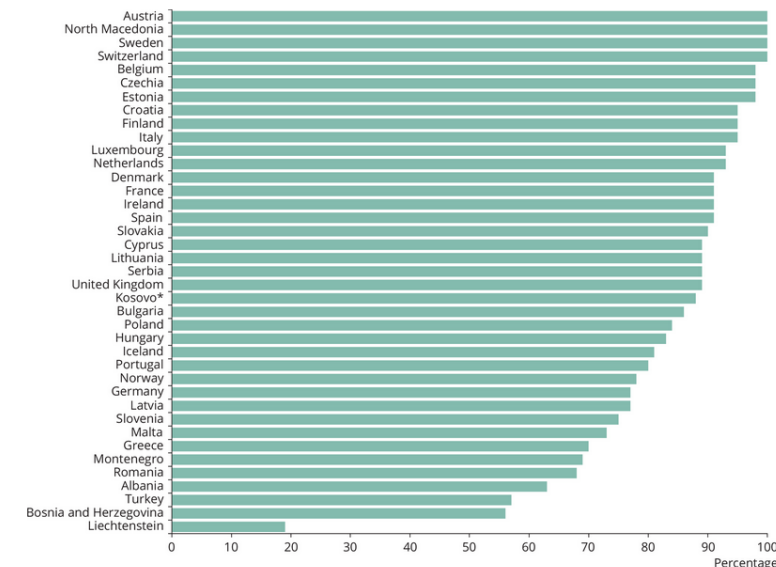European Environment Agency

Eionet core data flows review, adoption in Q4 / 2021

- **Core data flows are relevant to**
  - Identify high-value data flows
  - Receive a basic core set of environmental information for use in assessments
  - Monitor reporting progress against agreed, stable, well-defined objectives

- **Thematic domains**:
  - Air pollution, Biodiversity, Climate change mitigation, Industrial pollution, Noise, Water

- Related to INSPIRE priority data sets for e-Reporting

- Annual evaluation of reporting performance:
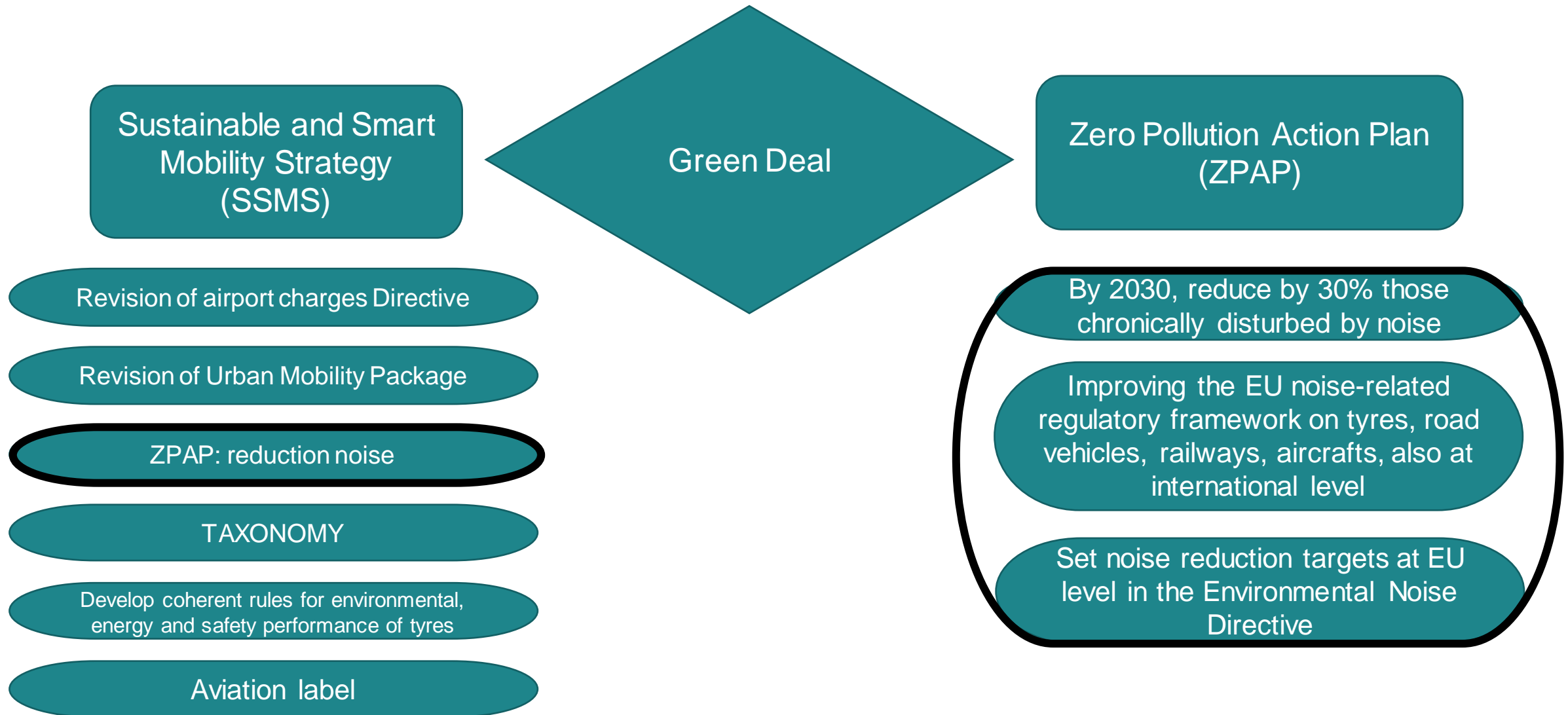 - Timeliness and data quality

23 Core Data Flows

"Eionet core data flows: a subset of key data flows reported by EEA member and cooperating countries using the Reportnet tools and which are used by EEA for its main assessments, products and services."

Figure 1. Overall data reporting performance of countries in 2020

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Noise and Green Deal

Green Deal

Sustainable and Smart Mobility Strategy (SSMS)

- Revision of airport charges Directive
- Revision of Urban Mobility Package
- **ZPAP: reduction noise**
- TAXONOMY
- Develop coherent rules for environmental, energy and safety performance of tyres
- Aviation label

Zero Pollution Action Plan (ZPAP)

- By 2030, reduce by 30% those chronically disturbed by noise
- Improving the EU noise-related regulatory framework on tyres, road vehicles, railways, aircrafts, also at international level
- Set noise reduction targets at EU level in the Environmental Noise Directive

Marco Paviotti – DG ENVIRONMENT
Eionet NRC Noise Meeting 06.10.2021
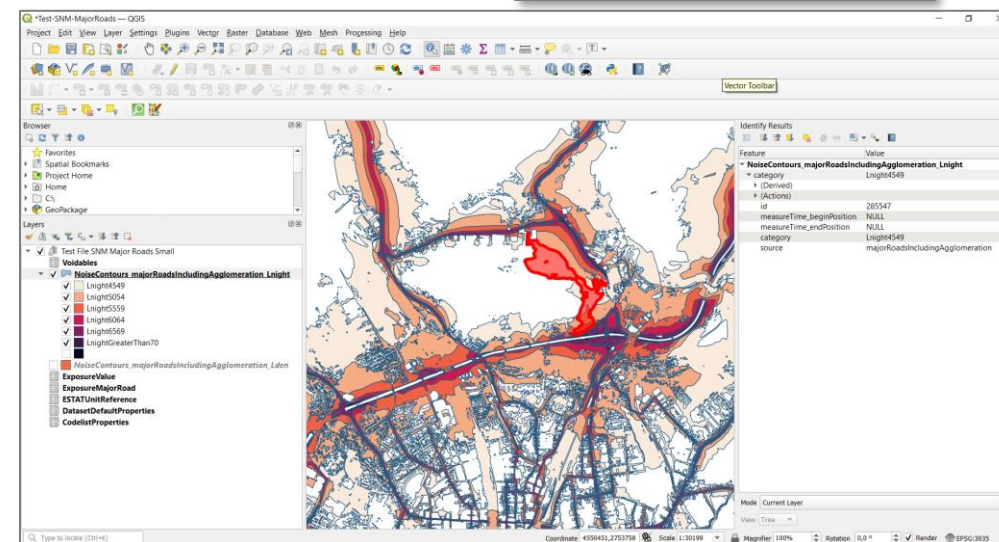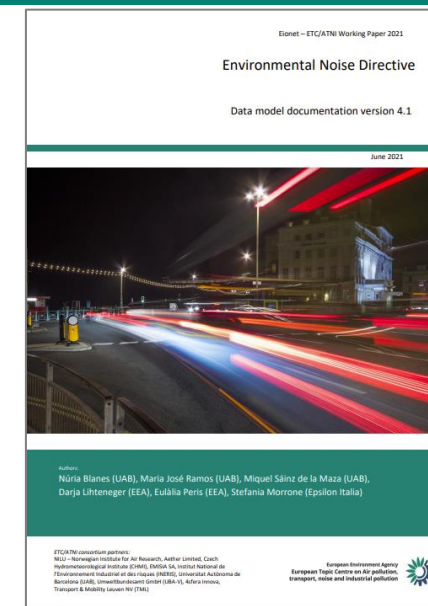
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Harmonised European data model - END

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/noise

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Harmonised European data model - DWD

Drinking Water Directive (recast) 2020/2184

DIRECTIVE (EU) 2020/2184 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 16 December 2020

on the quality of water intended for human consumption

(recast)

(Text with EEA relevance)

- Entry in force on 12 January 2021, Member States will have two years to transpose it into national legislation

- **Focus on quality of drinking water supplied, new reporting mechanism (starting in 2023) in line with ZPAP (Zero Pollution Action Plan)**

- **EC project - towards new reporting (on-going > 2022):**
  - Collect examples of best practices and lessons learnt of **existing reporting set ups** in line with the INSPIRE Directive
  - Define a **conceptual model** for monitoring results, exceedances, incidents and derogations
  - List options on how national data sets could be managed
  - EC communication with the MS, workshops, questionnaires
  - Workshop 07.10.2021
    - First outcomes, reporting practices and obstacles (exceedances, incidents, derogations)
    - The future recast DWD reporting: national data sets for data harvesting, improved spatial data definitions

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Harmonised European data model - SSD

Sewage Sludge Directive - (in progress)

- SSD 86/278/EEC from 12 June 1986

- Amended by Regulation (EU) 2019/1010 on the alignment of reporting obligations in the field of legislation related to the environment:

  - Make the information in Art 10(1) available and easily accessible to the public for **each calendar year**, within 8 months of the end of the relevant calendar year, in a consolidated format

  - **Use spatial data services to present the spatial data sets** included in the information registered in the records outlined in Art 10(1).

  - Submit the information to COM in an electronic format

- Implementing Act on reporting format is in adoption process

- Member States are being asked to provide the **Geographic location or geometry (agricultural parcel, cadastral parcel, delineated geometry, geographical coordinates) identifying the places where the sludge is to be used.**

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Thank you ! Questions?

More information:

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Repository:

https://github.com/INSPIRE-MIF/need-driven-data-prioritisation

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