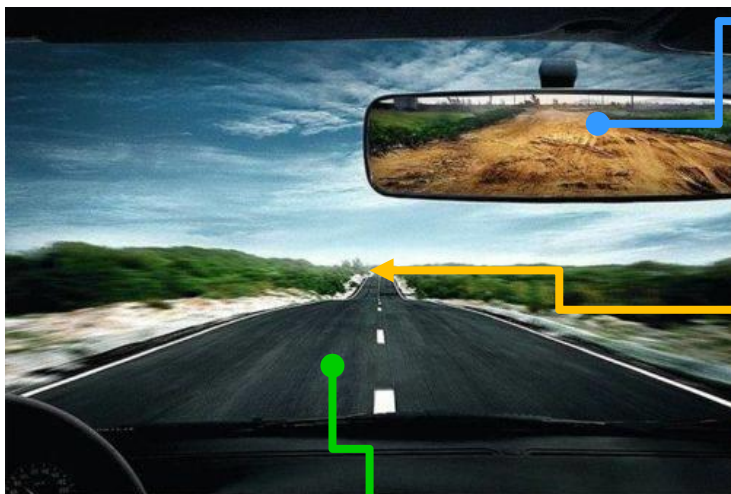# eReporting as priority use case for streamlining INSPIRE implementation

The priority list of eReporting data sets

Origins of the List

Mid-Term & REFIT evaluation

Data harvesting
EIP
Reportnet 3.0
Pan-EU data sets
Support for SDGs

Better Regulation Fitness Check on environmental monitoring access to environmental inform**& reporting** → Priority EU use case. Facilitate ation reported under the environmental acquis (common eReporting process).

Commission Report with recommendations for MS and EC

- **Close existing implementation gaps!**
- **Give priority to environmental spatial data**

MIG MIWP 2017-2020 to implement the recommendations

Action 2016.5: Priority List of eReporting data

Priority List of eReporting datasets

- Priority list v1.2
  - **90+ unique reporting data sets fulfilling 49 regulatory reporting obligations coming from 20 different legal acts within the acquis of DG ENV;**
  - **EEA Core Data Flows added**

- A governance instrument allowing to:
  - **incrementally build comparable INSPIRE maturity across MS for all INSPIRE components (metadata, services, interoperability, data sharing) based on a common setting,**
  - **plan tangible and usable INSPIRE deliverables for eReporting,**
  - **monitor progress on INSPIRE implementation in general and for the reporting use case in specific**

- Action will stretch beyond 2020.

- A specific wiki page has been created for this action

Objectives

- Communicate ENV information priorities and expectations to MS by clearly identifying the spatial data sets relevant for environmental reporting;

- Provide guidance on consistent mapping of reporting obligations and supporting data to INSPIRE spatial objects for the development of pan-European data sets;

- Identify reporting redundancies and explore opportunities for streamlining;

- Improve the timeliness and the quality of reported data

- Promote the reuse of the INSPIRE infrastructure for reporting purposes.

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Work Programme 2017-2021

4 Core Tasks

- T1: Manage and update the priority list of eReporting datasets

- T2: Make data available as-is: identify datasets, document metadata, make metadata and data available on the EU geoportal by providing network services

- T3: Common and interoperable European data models per reporting obligation/data flow that are fit for purpose for the envisaged use case.

- T4: Monitor the availability of pan-European datasets

MIWP 2016.5
Deliverables so far

- *Major Deliverables Q2 2017- Q3 2018:*
  - **T1: priority list of data sets, version 2.0; INSPIRE Registry codelist**
  - **T2: ongoing, needs attention**
  - **T3: Models for IED & IAS developed, CDDA, Floods, MSFD & END under development**
  - **T4: Monitoring tool "Thematic Viewer" is online**
- *Q4 2018 – Q1 2019:*
  - **T1: Maintenance of the list (corrective, perfective, preventive)**
  - **T2: Focus on implementation of the list by Member States**
    - Gathering good practices for identifying national data sets
    - Promoting implementation of the list in MS, addressing implementation gaps
    - Capacity building initiatives
  - **T3: CDDA, Floods, MSFD & END.**
  - **T4: Operational monitoring.**

Where are we now?

Based on the status on 29/03/2019

Deadlines have passed

Metadata
03/12/2010: Metadata available for spatial data sets and services corresponding to Annex I and II
03/12/2013: Metadata available for spatial data sets and services corresponding to Annex III

Netwerk services
09/11/2011: Discovery and view services operational
28/12/2012: Download services operational

Interoperability
23/11/2017 Implementation of Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services for Annex I spatial data sets
21/10/2020: Other Annex II and III spatial data sets available in accordance with IRs for Annex II and III

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Follow up on implementation

- *Commission has sent a first letter to invite MS to implement the list of priority data sets end of 2017.*

- *Commission has sent two type of letters to MS in July 2018 to follow-up and to further stimulate the implementation of the list of environmental priority data sets:*
  - **frontrunners: BE,ES,AT,MT,FI,LU,NL,SK,CZ,CY,RO,PT (12)**
  - **laggers: EE,DK,BG,HR,FR,DE,EL,HU,IE,IT,LV,LT,PL,SE,SI,UK (16)**
  - **Only received 5 relevant replies from laggers: DK,IE,IT,PL,SE**
  - **FR only provided an argumentation for not delivering**

Enforcement

- The Commission has sent a Letter of Formal Notice to 4 Member States (BG, LT, LV, PL). Compliance issues were identified concerning list of spatial data sets which are a priority for the implementation of environmental legislation on:
  - the availability of metadata
  - the availability of services to ensure access to the data
  - linking the infrastructure to the EU-geoportal

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Group	Country	29-03-2019			07-01-2019			20-09-2018			Trends since 20/09/2018-29/03/2019		
		Ratio	# Metadata	# Downloadable	Ratio	# Metadata	# Downloadable	Ratio	# Metadata	# Downloadable		MD	DW
1	Bulgaria	0,00%	0	0	0,00%	0	0	0,00%	0	0	LFN		
1	Latvia	0,00%	0	0	0,00%	0	0	34,04%	47	16	LFN		
1	Poland	0,00%	1	0	0,00%	1	0	9,09%	11	1	LFN		
1	Lithuania	100,00%	3	3	0,00%	0	0	84,62%	65	55	LFN		
2	Cyprus	0,00%	5	0	100,00%	5	5	100,00%	5	5			
2	France	0,00%	117	0	0,00%	105	0	0,00%	0	0			
2	Hungary	0,00%	13	0	0,00%	13	0	0,00%	9	0			
2	Ireland	0,00%	9	0	0,00%	9	0	0,00%	1	0			
2	Italy	0,00%	16	0	0,00%	16	0	0,00%	0	0			
2	Estonia	4,76%	21	1	4,76%	21	1	0,00%	19	0			
2	Croatia	7,14%	14	1	7,14%	14	1	0,00%	0	0			
2	Slovenia	25,00%	4	1	25,00%	4	1	0,00%	21	0			
2	Slovakia	16,67%	12	2	16,67%	12	2	0,00%	0	0			
3	Czech Republic	15,79%	38	6	10,26%	39	4	10,26%	39	4			
3	Denmark	14,63%	41	6	12,82%	39	5	4,76%	21	1			
3	Sweden	26,67%	30	8	0,00%	26	0	83,95%	81	68			
3	Romania	47,62%	21	10	47,62%	21	10	100,00%	1	1			
3	Finland	70,00%	20	14	55,56%	18	10	0,00%	0	0			
4	Germany	28,57%	70	20	54,29%	70	38	13,51%	37	5			
4	Netherlands	46,00%	50	23	28,57%	42	12	0,00%	0	0			
4	Portugal	19,40%	134	26	19,55%	133	26	16,67%	12	2			
4	Greece	81,58%	38	31	78,95%	38	30	0,00%	0	0			
4	Belgium	32,35%	102	33	26,92%	104	28	33,33%	105	35			
4	Malta	88,89%	54	48	94,44%	54	51	0,00%	7	0			
4	Austria	75,68%	74	56	85,53%	76	65	86,49%	74	64			
4	Luxembourg	100,00%	62	62	97,01%	67	65	92,59%	54	50			
4	Spain	100,00%	80	80	98,77%	81	80	56,92%	65	37			

1	Infringements
2	Laggers
3	Middle ground
4	Front runners

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The majority of the data is provided based on the legislation on nature and biodiversity, water, air and noise.

Legislation code	#Metadata	#Download serv.	#View serv.	Legislation name
directive 2000/60/ec	318	123	164	Water Framework Directive
directive 2002/49/ec	150	75	102	Noise Directive
directive 2007/60/ec	188	68	114	Floods Directive
directive 92/43/eec	93	53	53	Habitats Directive
directive 2009/147/ec	56	37	35	Birds Directive
eea annual work programme	60	26	21	Nationally Designated Areas CDDA
directive 91/271/eec	58	22	38	Urban Waste Water Treatment Directive
directive 2008/50/ec	66	17	24	Ambient Air Quality Directive
directive 91/676/eec	28	15	22	Nitrates Directive
directive 2008/56/ec	24	13	15	Marine Strategy Framework Directive