

INSPIRE Implementierung

***- Zwischenbilanz aus Sicht der
EU Kommission -***

European Commission
Directorate General for Environment
Unit E.4 – Compliance & Better Regulation



- **Commission Report** (COM(2016)478)
Staff Working Doc. (SWD(2016)273)
and Summary (SWD(2016)243)
- **Evaluation criteria of efficiency, effectiveness, coherence, relevance and EU added value**
- **Recommendations leading to follow up actions** (including revision of the INSPIRE Maintenance and Implementation Work Programme)



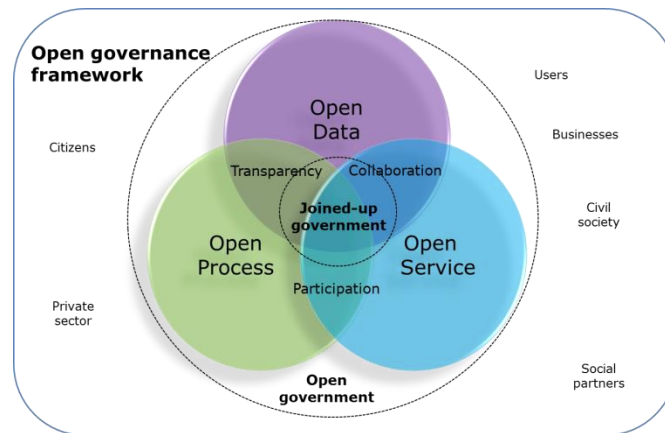
Recommendations / actions



EU member states



- **Close existing implementation gaps!**
(Bilateral meetings with 20 MS took place and most have prepared action plan in the meantime)
- **Give priority to environmental spatial dataset**
- **Improve coordination with national eGovernment (and other relevant) processes**



Recommendations / actions



- Evaluation shortcomings of national data policies
- Exploring EU funding opportunities
- Fitness-for-purpose review of existing INSPIRE Implementing Rules and technical guidelines (Simplification of Requirements)
- Assistance to Member States in the implementation (Simplification of Use)





PRIORITY



- **DG ENV/EEA concept paper on the future use of INSPIRE in eReporting**
- **Working on the list of INSPIRE priority datasets (includes datasets from reporting obligations)**
- **We need to work together to ensure that obligations of all legal instruments are met in the most effective and meaningful way (by 2020)**



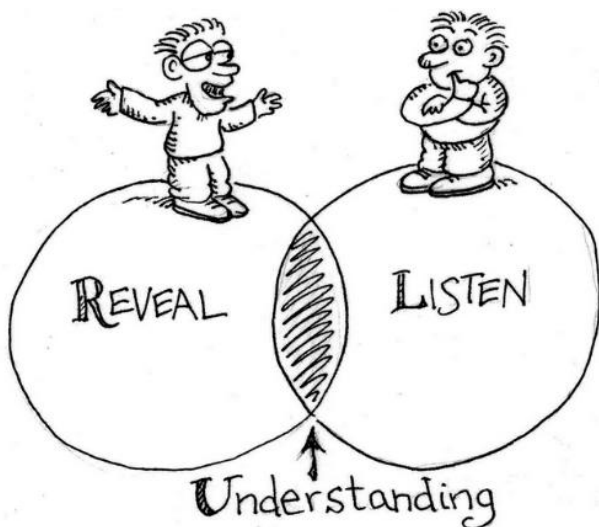


- **“The future of eReporting and the link to INSPIRE” is now available (taking account recent consultation)**

The paper covers:

- **Development of a common understanding**
 - **Common vision and objectives**
 - **Overall approach including actions at EU and MS level**
 - **Proposals for specific actions for 2017 and beyond**
-
- **Actors to implement this concept are institutions/experts responsible for env. reporting and INSPIRE at EU (DG ENV, EEA, JRC) and MS level**





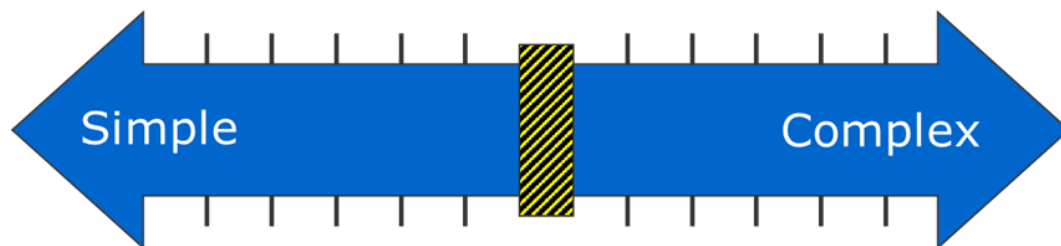
Two purposes for spatial data in INSPIRE:

1. Data made available nationally (metadata, services)
2. Data transformed towards common data models (interoperability challenge)

- Different types of data (geospatial, environmental, textual) require differentiated approaches on interoperability.
- Focus on interoperability is with geospatial data...other thematic data are linked to them (“linked approach”)

“The Balance Challenge”

Which level of interoperability is “just right”?



Too simple:

- Identified requirements can not be supported
- Insufficient harmonisation
- Few benefits

Too complex:

- Difficult to implement
- Substantial benefits available only to few users
- High costs

Where are
problems in the
current INSPIRE
Implementing
Rules and
guidances?

The maturity level approach

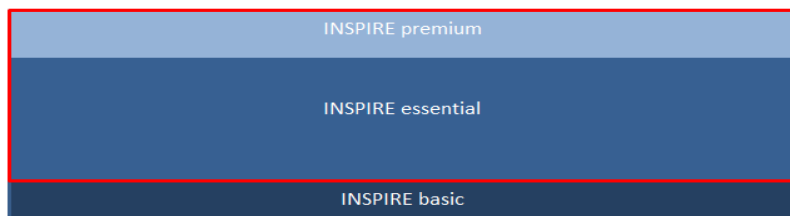


Figure 2: Tiered and modular system of INSPIRE specifications fit for different purpose.



- Ongoing discussions in the Reflection group in order to prepare meetings of MIG and Committee in June
- Key issues:
 - Using existing flexibilities in the legal texts
 - Introducing a maturity level concept
 - Strengthening support to implementation through "simplification of use" actions
 - If necessary, amend Implementing Regulations on Annex III interoperability
- Mandate for actions to be agreed in Dec 2017 and implemented in 2018 (and beginning of 2019)





- More than 20 country meetings, most MS presented an action plan
- 5 MS were subject to EU Pilot and also delivered action plan
- The 2016 national reports were analysed and draft country fiches have just been finalised – significant progress!
- Validation of country fiches by MS ongoing, thereafter publication and presentation of summary report
- This will close the 2015/16 compliance promotion exercise, possible follow up in 2018 with new focus



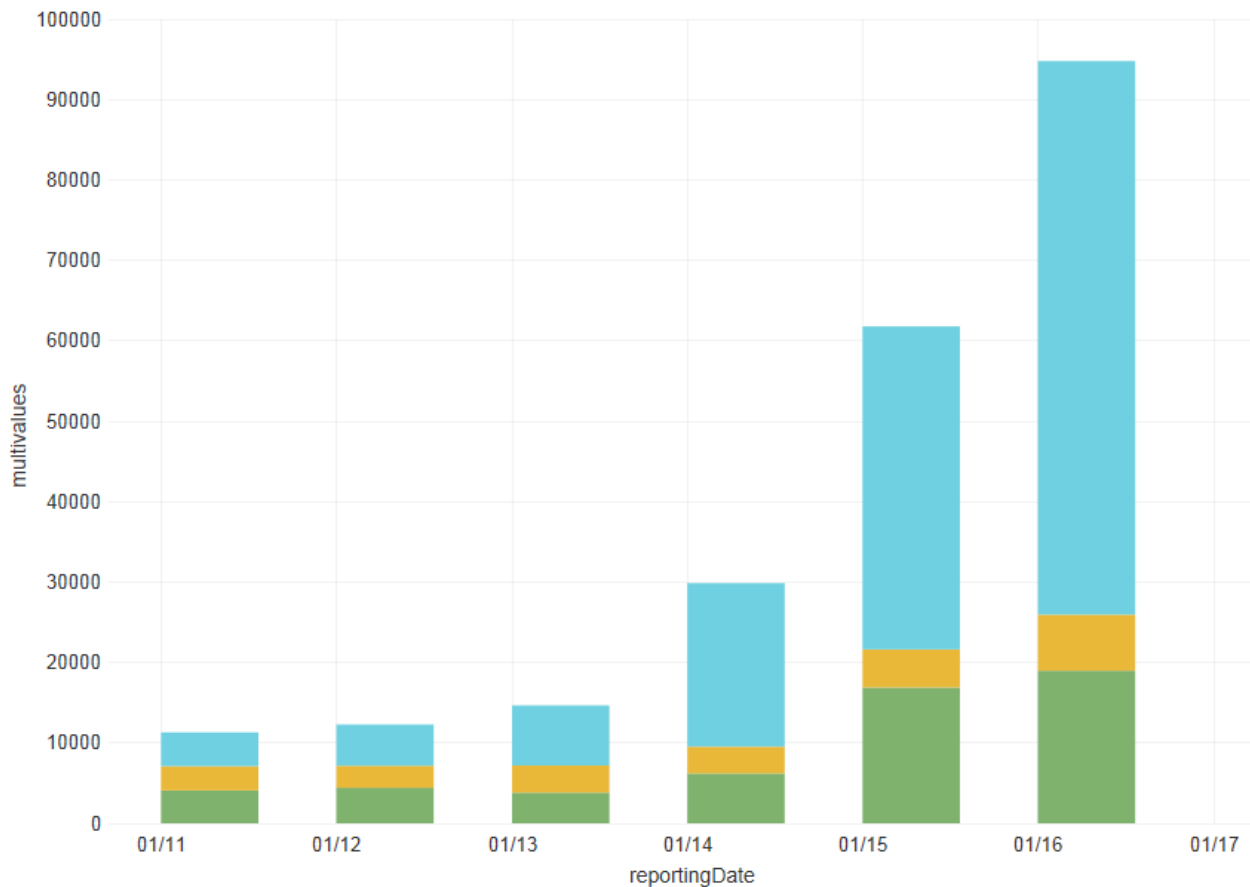
Evolution since 2014 – Number of datasets



European
Commission

NUMBER OF SPATIAL DATA SETS PER ANNEXES

mdv11 (6) mdv12 (6) mdv13 (6) indicatorValue multivalues per 1y | (18 Hits) | Time correction: browser



2014: 56.220

2016: 96.466

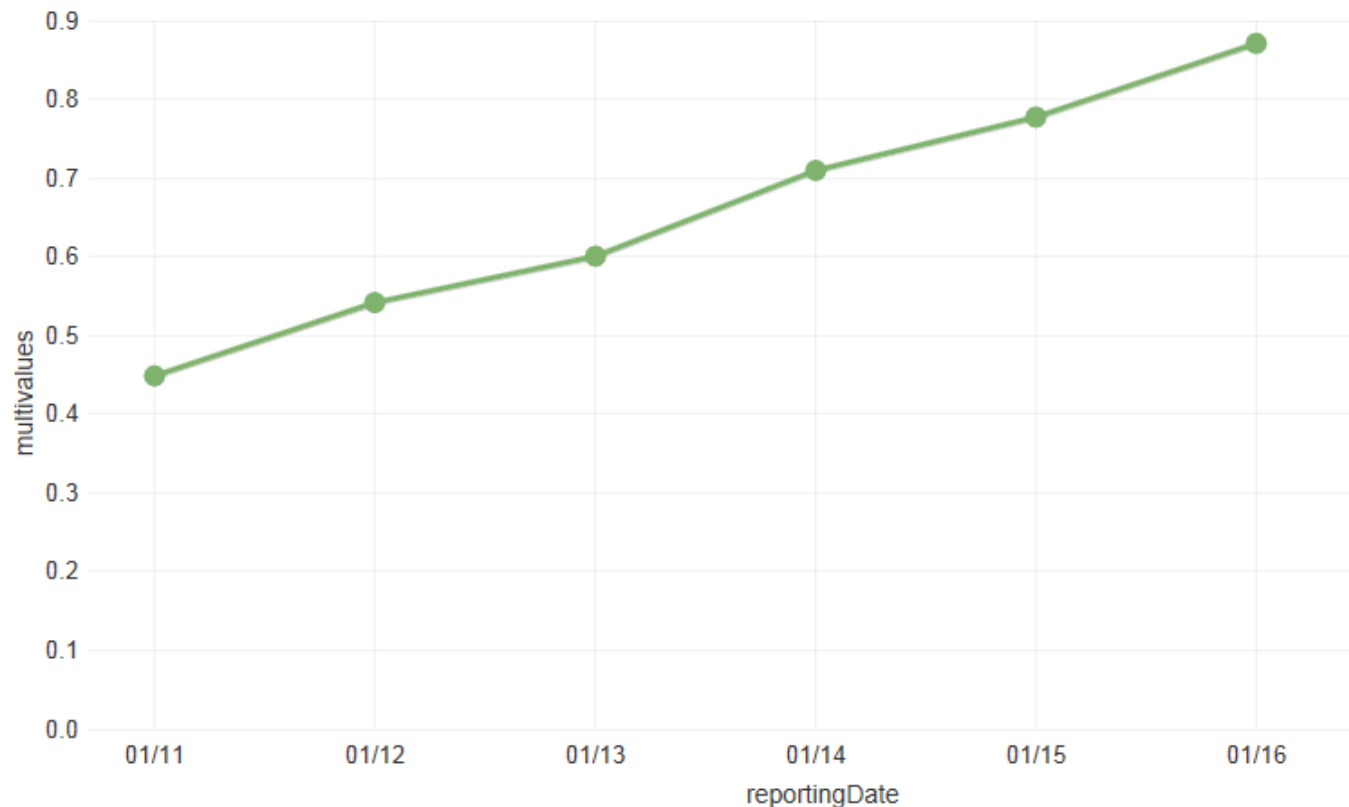


Evolution since 2014 – metadata conformity



PERCENTAGE OF SPATIAL DATA SETS AND SERVICES WITH CONFORMANT METADATA (MDI2)

● mdi2 (6) indicatorValue multivalues per 1y | (6 Hits) | Time correction: browser



2014: 71%

2016: 86%



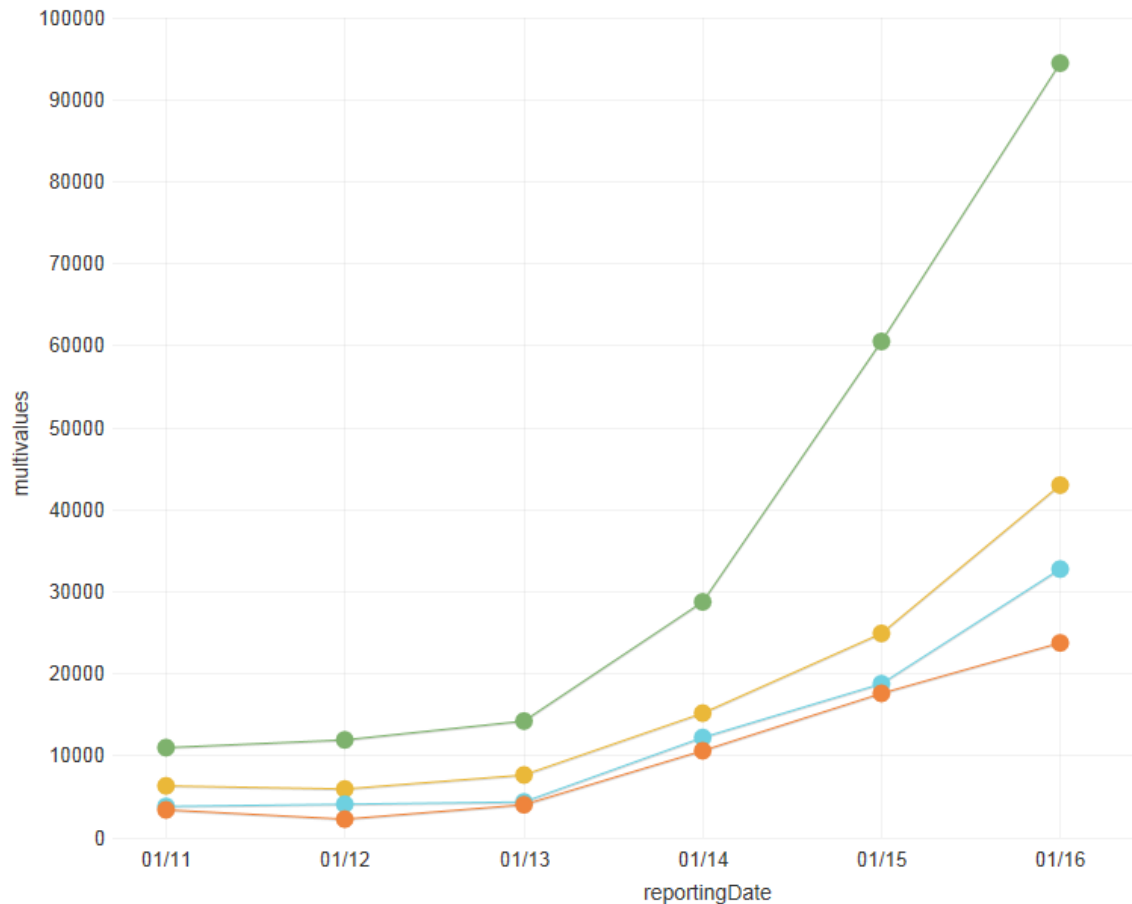
Evolution since 2014 – available services



European
Commission

NUMBER OF SPATIAL DATA SETS FOR WHICH A VIEW (NSV21) OR DOWNLOAD (NSV22) OR BOTH (NSV23) SERVICE EXIST AND THE TOTAL NUMBER OF I

mdv1_ds (6) nsv21 (6) nsv22 (6) nsv23 (6) indicatorValue multivalues per 1y | (24 Hits) | Time correction: browser



View services
2014: 15.210

2016: 43.021





Status of implementation of the INSPIRE Directive – 2016 Country Fiches



COUNTRY FICHE Germany



Introduction.....	→	1
1. State of Play	→	2
1.1 Coordination.....	→	2
1.2 Functioning and coordination of the infrastructure	→	3
1.3 Usage of the infrastructure for spatial information.....	→	3
1.4 Data Sharing Arrangements.....	→	4
1.5 Costs and Benefits.....	→	4
2. Key Facts and Figures.....	→	4
2.1 Identification of spatial data with relevance to the environment (step 1)	→	5
2.2 Documentation of the data (metadata) (step 2)	→	7
2.3 Accessibility of the data through digital services (step 3).....	→	9
2.4 Interoperability of spatial data sets (step 4).....	→	10
3. Outlook	→	11
4. Summary -- How is Country doing?	→	12
Specific recommendations:.....	→	13

Entwurf April 2017 –
derzeit in Konsultation
mit Mitgliedsstaaten



4. Summary – How is Country doing?



INSPIRE-key obligation	Overall implementation status and trends	Outlook	Dashboard Legend Implementation Status: : implementation of this provision is well advanced or (nearly) completed. Outstanding issues are minor and can be addressed easily. : implementation of this provision has started and made some progress but is still far from being complete. Outstanding issues are significant and need to be addressed to ensure that the objectives of the legislation can still be reached by 2020. : implementation of this provision is falling significantly behind or has not even started. Serious efforts are necessary to close implementation gap. Trend: : the trend of the implementation is positive. : the trend of the implementation is neutral. : the trend of the implementation is negative. Outlook: : clear and targeted actions have been identified which allow reaching the objectives of the legislation in an effective way. : No real progress has been made in the recent past or actions which have been identified are not clear and targeted enough to predict a more positive outlook. : no actions have been identified to overcome identified implementation gaps.
Ensure effective coordination			
Data sharing without obstacles			
Step 1: Identify spatial datasets			
Step 2: Document datasets (metadata)			
Step 3: Provide services for identified spatial datasets (discovery, view, download)			
Step 4: Make spatial datasets interoperable by aligning them with the common data models			

Zusammenfassende Bewertung

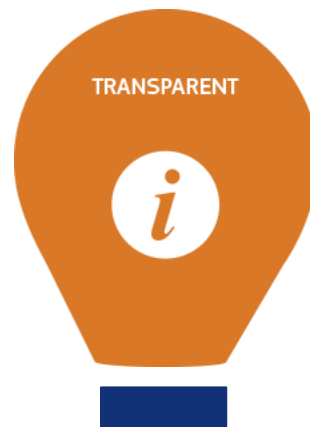
Empfehlung (auch enthalten im EIR)

Suggested action

Identify and document all spatial data sets required for the implementation of environmental law, and make the data and documentation at least accessible 'as is' to other public authorities and the public through the digital services foreseen in the INSPIRE Directive.



- The INSPIRE Directive implementation is on a good track
- The findings of the INSPIRE report / REFIT evaluation have been translated into practice through the new work programme
- The focus will continue to be on getting the most benefits from the investment in INSPIRE



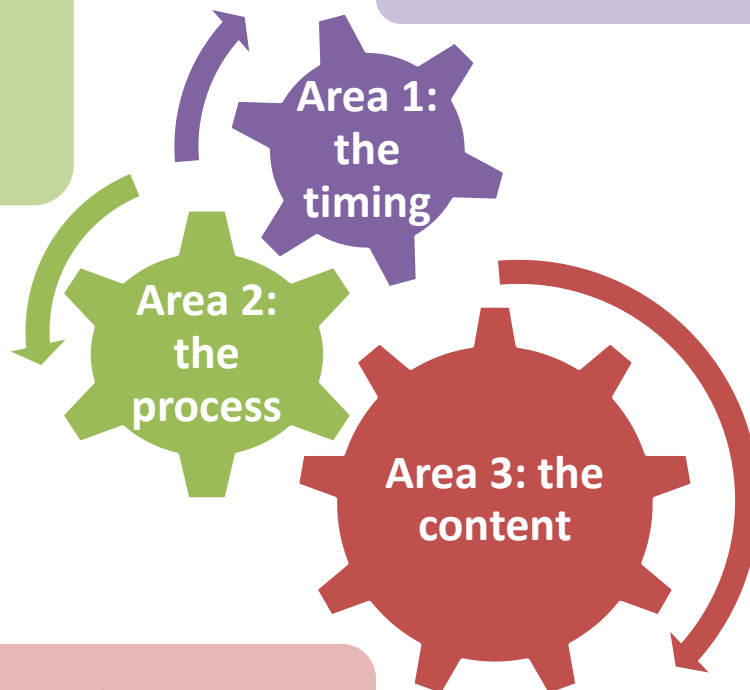
Fitness Check on environmental reporting and monitoring



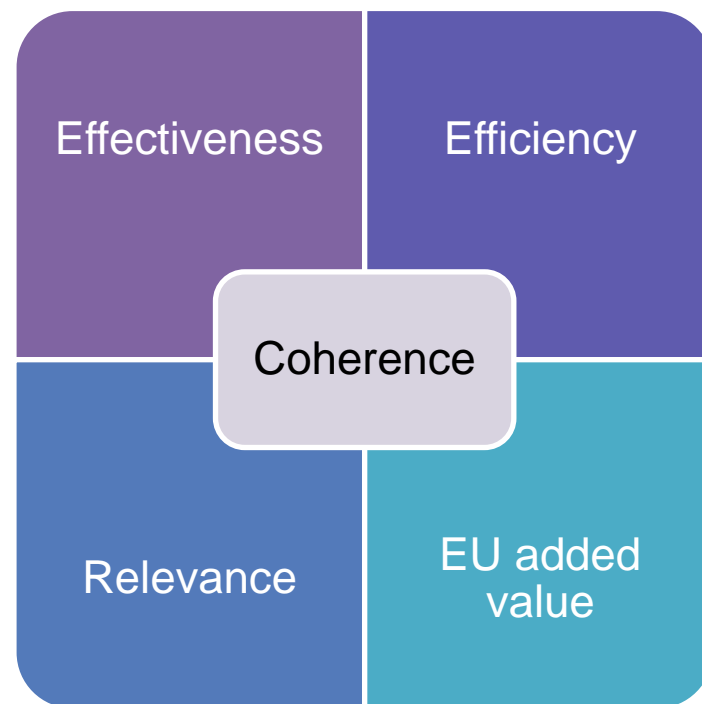
Efficiency gains through

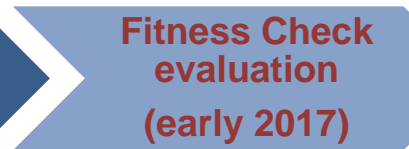
- automisation
- harmonisation
- centralisation

- Lower frequency of reporting
- Better synchronisation



- Less data requested
- Ensure key performance Indicators
- Less text more automatised data





- 4th (and last) Stakeholder Workshop on 8 December in Brussels
- Results of public participation available online
- Support study
- Review by the Regulatory Scrutiny Board - positive opinion
- Presentation of Fitness Check evaluation and Action Plan in 1st half 2017
- Support study and inventory will also be published





Overall, environment reporting is largely fit-for-purpose but areas for improvements have been identified.

- 58 pieces of legislation with 181 reporting obligations were analysed
- Many good practices exist and should be used more widely.
- Benefits outweigh significantly the costs (which were estimated to be 22 mio EUR / year)
- Overall reporting process can be improved and streamlined
- Complementary approaches (data harvesting) and data sources (Copernicus/citizen science) could be explored



Member States can help by improving their national environmental information systems – Commission will promote this active dissemination

- Getting the right information in the right form at the right time
- Streamlining the reporting process
- Promotion of active dissemination of environmental information at national level
- Exploiting other data sources and alternative approaches complementing environmental reporting
- Improving coherence and cooperation



Questions?



Contacts:

Joachim D'Eugenio (Unit ENV E.4)

joachim.d'eugenio@ec.europa.eu

Joeri Robbrecht (Unit ENV E.4)

joeri.robbrecht@ec.europa.eu

**Thank you for
your attention**



More information:

<http://inspire.ec.europa.eu>