



# Streamlining INSPIRE monitoring and reporting for 2019

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**Joint Research Centre**  
the European Commission's  
in-house science service



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## Why?

- Current system can be improved e.g.:
  - too much textual information
  - time consuming
  - not comparable results across MS
  - not (always) consistent with MD
  - some recommendations from MIWP-16 still to be addressed
  - future system should be fully automated (based on metadata)
- Develop and implement an optimized and effective process according to Art. 21 of INSPIRE Directive, in line with the Better Regulation Guidelines (COM(2015)111) and the aims of the Fitness Check on environmental monitoring and reporting
- Adopt the concepts of Key Performance Indicators (KPIs), dashboards, country fiches, linking to more extensive reporting resources and reporting service endpoints

# Tasks

- Conceptual [2016]
  - work plan
  - needs analysis (EC, MS) and issue collection
  - Development of KPIs framework
  - Propose changes to IRs and TGs → INSPIRE Committee
  - Analyse change impact, functional and technical needs
- Implementation [2017]
  - Proposals for an updated M&R IRs and TGs
  - Revision of the IRs (if necessary and or approved)
  - Develop and test the new process and system (agile), including the Country fiche system
  - Develop guidelines (user documentation)
- Transition [2018]
  - Testing and corrective maintenance
  - MS Capacity building (training, support)

## 2016.2 sub-group overview

- Meetings

1. Kick-off meeting 2016-10-27 (face-to-face) JRC Ispra
2. Meeting (Virtual), 2016-11-21
3. Meeting (Virtual), 2016-12-20
4. Meeting (face-to-face), 2017-02-07-08
5. Meeting (Virtual), 2017-04-10

- Participants

Erik Obersteiner (AT)	Alberto Conte (IT)	Ouns Kissiyar (BE)
Jitka Faugnerova (CZ)	Ine de Visser (NL)	Alain Buogo (CH)
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Sabine Geissler (DE)	Paloma Abad Power (ES)	Christian Ansorge (EEA)
	Henrique Silva (PT)	Daniela Docan (EEA)



# Results so far and future activities

- Review of the Monitoring & Reporting Decision (2009/442/EC) and the indicator framework for monitoring and reporting
- Scenarios and trade-offs
  - Scenario 1: No change to Reporting decision, no change to the metadata IR
  - Scenario 2: Change the Reporting Decision, no change to the metadata IR
  - Scenario 3: Changes to Reporting Decision and metadata IR
- Scenario 2 was proposed and **accepted** by MIG and INSPIRE Committee. No other regulation is impacted, the reporting burden is addressed through automated gathering of monitoring information through metadata and the information collection is streamlined and fixed through a country fiche template. Follow up revision is targeted for 2018
- Further optimization of metadata for use and reporting purposes could be documented in the reporting guidance as part of a common implementation strategy and should be driven by real-life use cases and possible return on investment.

# Country fiches

STATUS	<p><b>STATE OF PLAY</b> (<i>Based on Report</i>)</p> <p>Coordination</p> <ul style="list-style-type: none"> <li>• National Contact point</li> <li>• Coordination Strategy (image if available)</li> <li>• Progress</li> </ul> <p>Functioning and coordination of the infrastructure</p> <ul style="list-style-type: none"> <li>• Progress</li> </ul> <p>Usage of the infrastructure for spatial information</p> <ul style="list-style-type: none"> <li>• Progress</li> <li>• Cross-border</li> </ul> <p>Data Sharing Arrangements</p> <ul style="list-style-type: none"> <li>• Progress</li> </ul> <p>Costs and Benefits</p> <ul style="list-style-type: none"> <li>• Progress on accessing costs</li> <li>• Progress on accessing benefits</li> </ul>	BASED ON 3 YEARS REPORT
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# Country fiches

STATUS	<p><b>KEY FACTS AND FIGURES</b> <i>(From INSPIRE dashboard)</i></p> <ul style="list-style-type: none"> <li>• Identification of spatial data with relevance to the environment</li> <li>• Documentation of the data (metadata)</li> <li>• Accessibility of the data through digital services</li> <li>• Technical conformity and level of interoperability of spatial data, metadata and services</li> </ul>	BASED ON DASHBOARD
OUTLOOK	<p><b>OUTLOOK</b> <i>(Based on Action plan)</i></p> <ul style="list-style-type: none"> <li>• ...</li> </ul>	BASED ON ACTION PLAN
SUMMARY	<p><b>SUMMARY</b></p> <ul style="list-style-type: none"> <li>• How country is doing</li> </ul>	GENERAL ASSESSMENT
RECOMMEN DATIONS	<p><b>SPECIFIC RECOMMENDATIONS</b></p> <ul style="list-style-type: none"> <li>• ...</li> </ul>	OPTIONAL

# Country fiches

- The concept of INSPIRE Country fiches was introduced by the Commission and discussed with the experts from the Member States in the MIG and its permanent technical subgroup
- Simplification and improvement of reporting
- Most MS are using them already in their national context to further revise their action plans or document the progress that they have made
- The country fiches are published on the [INSPIRE Knowledge Base](#)

## INSPIRE in your Country > France

In this section you can find information about INSPIRE in the countries implementing INSPIRE.



Information | Contact Points | MIG Representatives | SDICs/LMOs | Pool of Experts

**France** Website

**Monitoring & Reporting Information**

INDICATORS	REPORTS
<a href="#">Indicator 2010</a>	<a href="#">English report 2010</a>
<a href="#">Indicator 2011</a>	<a href="#">Original language report 2010</a>
<a href="#">Indicator 2012</a>	<a href="#">English report 2013</a>
<a href="#">Indicator 2013</a>	<a href="#">Original language report 2013</a>
<a href="#">Indicator 2014</a>	<a href="#">Original language report 2016</a>
<a href="#">Indicator 2015</a>	<a href="#">Country Fiche 2016</a>
<a href="#">Indicator 2016</a>	
<a href="#">Indicator 2017</a>	

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## Status of implementation of the INSPIRE Directive – 2016 Country Fiches

### COUNTRY FICHE France

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# Country fiches

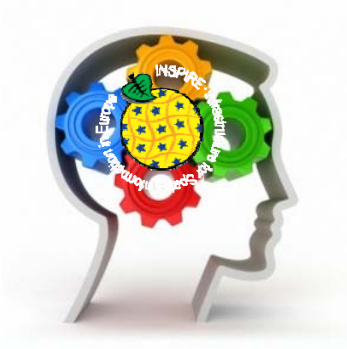
## 4. Summary - How is Country doing?

INSPIRE key obligation	Overall implementation status and trend	Outlook	<b>Dashboard Legend</b>
Ensure effective coordination	😊➔	🟢	<p><b>Implementation Status:</b></p> <p>😊: implementation of this provision is well advanced or (nearly) completed. Outstanding issues are minor and can be addressed easily.</p> <p>☺: 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.</p> <p>☹: implementation of this provision is falling significantly behind or has not even started. Serious efforts are necessary to close implementation gap.</p> <p><b>Trend:</b></p> <p>↗: the trend of the implementation is positive.</p> <p>➔: the trend of the implementation is neutral.</p> <p>↘: the trend of the implementation is negative.</p> <p><b>Outlook:</b></p> <p>🟢: clear and targeted actions have been identified which allow reaching the objectives of the legislation in an effective way.</p> <p>🟡: 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.</p> <p>🔴: no actions have been identified to overcome identified implementation gaps.</p>
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.	☹↗	🟢	

# Country fiches

- Recognized as a driver for simplifying the reporting under INSPIRE
- Maximizes the reuse of existing metadata
- Serves comparability of reports across Member States
- Is an instrument for feedback by the Commission on the implementation effort of the Member States
- Further development till 2019 towards an automated content management system where information could be updated annually





# Thank you!

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