

Table of Contents

- Introduction
- State of Play
 - Coordination
 - Functioning and coordination of the infrastructure
 - Usage of the infrastructure for spatial information
 - Data Sharing Arrangements
 - Costs and Benefits
- Key Facts and Figures.
 - Identification of spatial data with relevance to the environment (step 1)
 - Documentation of the data (metadata) (step 2)
 - Accessibility of the data through digital services (step 3)
 - Interoperability of spatial data sets (step 4)

Introduction

The INSPIRE Directive sets the minimum conditions for interoperable sharing and exchange of spatial data across Europe as part of a larger European Interoperability Framework and the e-Government Action Plan that contributes to the Digital Single Market Agenda. Article 21 of [INSPIRE Directive](#) defines the basic principles for monitoring and reporting. More detailed implementing rules regarding INSPIRE monitoring and reporting have been adopted as [COMMISSION DECISION regarding INSPIRE monitoring and reporting](#) on the 5th of June 2009.

This country fiche highlights the progress in the various areas of INSPIRE implementation and presents an outlook of planned actions for further improvement of the INSPIRE implementation. The country fiche includes information **until May 2019** as an update of the information acquired through:

- member states update,
- [monitoring report](#) in May 2019.

State Of Play

Since the previous tri-annual INSPIRE implementation report (2016), structural changes have been made in Greek Public Administration, relevant to the INSPIRE administration.

The Presidential Decree No 132/30-10-2017, which defines the organizational structure of the Ministry of Environment and Energy (MEE), assigns the responsibility for the creation and maintenance of the NSDI and the INSPIRE implementation to the newly created Directorate of Geospatial Information. The new Directorate has also the responsibility to suggest to the Minister the necessary measures for the NSDI and INSPIRE.

Thus since the end of 2017, it became legally clearer that the responsibility for the NSDI and INSPIRE, regarding all the relevant components (legal, organizational, technical) is undertaken by the MEE. The first step towards INSPIRE was triggered by the Priority Datasets provision initiative. Since most of the priority datasets reported following the provisions of other environmental legislation are created and maintained by the Ministry's services, the new Directorate held a series of meetings in order to collect and provide the relevant datasets through a newly developed geoportal. After this task, most of the priority datasets are available "as-is" through discovery, view and download services. The metadata catalog is linked to the INSPIRE Geoportal since November 2018. The catalog is continuously optimized and new datasets will be added.

Nine years after the INSPIRE transposition law, which also was the legal basis for the development of the NSDI for the first time in Greece, and after the continuous administrative changes, the organizational scheme must be reviewed and reorganized, in order to support the MEE to fulfill its purpose and engage other public authorities by providing spatial data and services.

Coordination

National Contact Point

Name of Public Authority: Ministry of Environment, Energy and Climate Change
Contact Email: [Click to email](#)
National INSPIRE Website: <http://www.ypeka.gr>
MIG Contacts: **Contact Person:** Eleni Grigoriou

Email: el.grigoriou@prv.ypeka.gr

Contact Person: Aliki Fatourou

Email: a.fatourou@prv.ypeka.gr

MIG T Contacts: Contact Person: Eleni Grigoriou

Email: el.grigoriou@prv.ypeka.gr

Coordination Structure & Progress:

• National Contact point

| | |
|--------------------------|---|
| Name of public authority | Ministry for Environment and Energy |
| Mailing address | Amaliados 17, 11523 Athens |
| Telephone number | (+30) 2131515273, (+30) 2131515275 |
| E-mail | eygep.support@prv.ypeka.gr |
| Website address | www.ypeka.gr |
| Contact person | <ul style="list-style-type: none">• Aliki Fatourou, Member of the INSPIRE Committee, Member of the MIG• Eleni Grigoriou, Member of the MIG-T, Alternative member of the INSPIRE Committee and the MIG. |
| Telephone number | <ul style="list-style-type: none">• (+30) 2131515273• (+30) 2131515275 |
| E-mail | <ul style="list-style-type: none">• a.fatourou@prv.ypeka.gr• el.grigoriou@prv.ypeka.gr |

• Coordination Structure

- In accordance with Article 18 of Law 3882/2010, as amended by Article 1 of Law 4164/2013 and following the provisions of the Presidential Decree No 132/30-10-2017, the public authority responsible for the implementation of the INSPIRE Directive and the development of the NSDI, is the MEE. The Ministry also is the National Contact Point for INSPIRE and participates with representatives in the INSPIRE Committee and other expert groups.
- In accordance with the transposition law 3882/2010, the political body that decides upon the national geoinformation policy in terms of legal, administrative and technological interoperability and monitors its implementation is the National Committee for Geo-Information (NCG).

Nine years after the INSPIRE transposition law, which also was the legal basis for the development of the NSDI for the first time in Greece, and after the continuous administrative changes, the organizational scheme must be reviewed and reorganized, in order to support the MEE to fulfill its purpose and engage other public authorities by providing spatial data and services.

• Progress

- Due to the continuous structural changes in Public Administration, planning and implementation of the NSDI has not made satisfactory progress, in organizational aspects. The need to change the coordinational structure still remains.
- The recent institutional and organizational reforms in the period 2017-2018, have assigned the institutional, legal, organizational and technical responsibilities of the NSDI to the MEE, consolidating the responsibilities in both technical and administrative aspects.
- In 2018, the Directorate of Geospatial Information published the first version of the INSPIRE metadata catalog, providing access to a set of Priority Datasets through discovery, view and download services. The metadata catalog is linked to the INSPIRE Geoportal and is being optimized continuously. More datasets will be added gradually, as the cataloguing of the officially produced datasets by all Public Administration is progressing. This datasets registry will reflect the statutory responsibilities of each Public Body and will establish the network of data providers. This work, also aims to highlight the deficiencies found in the production of geospatial data and will help to formulate a policymaking proposal about the production and management of spatial information.
- The new geoportal (<http://geoportal.yper.gr>) was built by the Directorate in house using free and open source software (FOSS) and is set up in the governmental cloud. This strategic choice led to improving the capacity and know-how of the MEE's services.

Functioning and coordination of the infrastructure

- Since 2013 many have changed as regard the functioning and coordination of the infrastructure. The MEE is the responsible organization in terms of institutional, organizational and technical aspects of the NSDI development and INSPIRE implementation.
- The first version of the Greek Geospatial Data Catalog was developed in house using FOSS and the infrastructure provided by the governmental cloud (<http://geoportal.yper.gr/geonetwork/srv/eng/catalog.search#/home>). The catalog is linked to the INSPIRE Geoportal and the INSPIRE compliance is gradually achieved.
- In the near future, in order for the NSDI to be complete and sustainable, more public authorities are going to be engaged. This participation will be based on a new Geospatial Data Strategy and Policy, commonly accepted by all the stakeholders.

Usage of the infrastructure for spatial information

- Until now, no measurements are available on the use of geospatial data sets and services.

- There have been no data exchanges or collaborations on spatial information with other EU Member States.

Data sharing arrangements

- Over the period 2016-2018, there has been no change in the sharing of data between public authorities and the EU institutions. It continues to be governed by the provisions of Article 27 of Law 3882/2010, relating to the sharing of geospatial data and services between public authorities. It applies in the same way to public authorities in other Member States of the EU, to EU institutions and bodies, and to bodies established by international agreements, to which the EU and Member States are members; solely for task under their remit, which may have an impact on the environment.
- Many of the barriers to data sharing mentioned in the previous reports still persist, mainly because of the lack of a National Geo-data Policy.

Costs and benefits

- Neither quantitative nor qualitative cost/benefit measurements are available for the period 2016-2018.

Key facts and figures

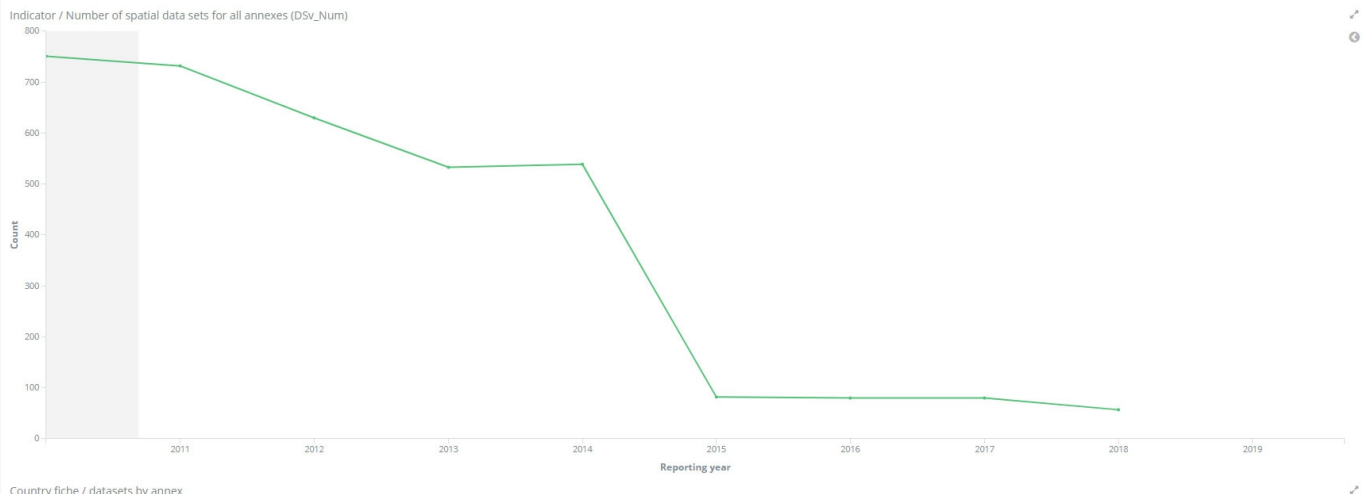
In addition to the above mentioned issues, the implementation of INSPIRE Directive requires Member States to take four main steps in relation to management of spatial datasets which fall under the Directive:

- Step 1: Identify spatial datasets
- Step 2: Document these 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.

The key facts and figures presented in this country fiche are based on the information provided by Greece on the [INSPIRE dashboard](#). **The provided statistics is not reflecting the data available on INSPIRE geoportal.** The INSPIRE geoportal is updated on a regular and ongoing basis, whilst the INSPIRE dashboard is typically updated after every reporting round, on a yearly basis.

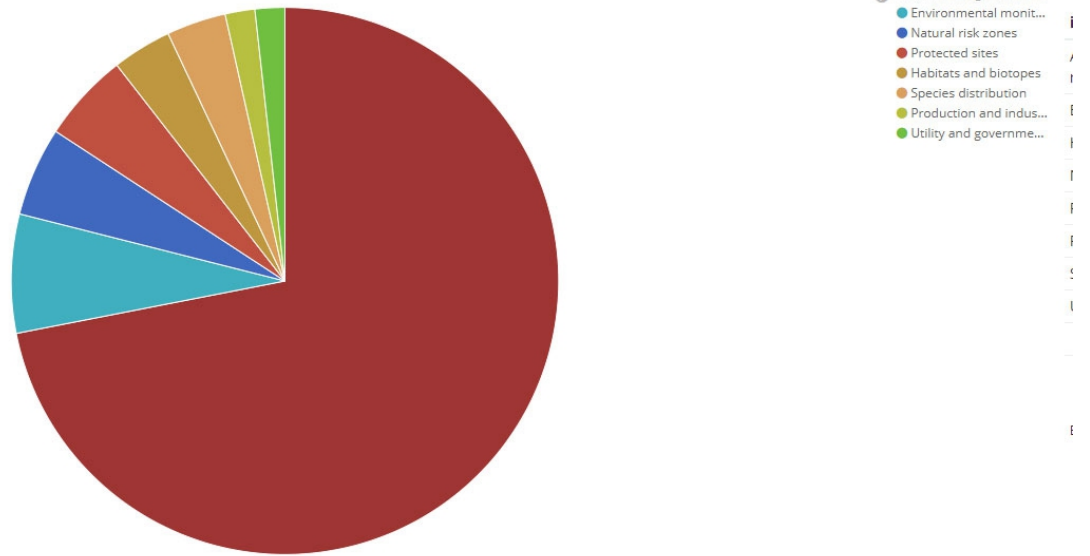
The conformity of the implementation is assessed against the full set of legal specifications set out by the Directive and the Implementing Rules and the commonly agreed good practices set out by the technical guidelines.

Identification of spatial data with relevance to the environment (step 1)



Data sets made available per INSPIRE theme (reference year 2018)

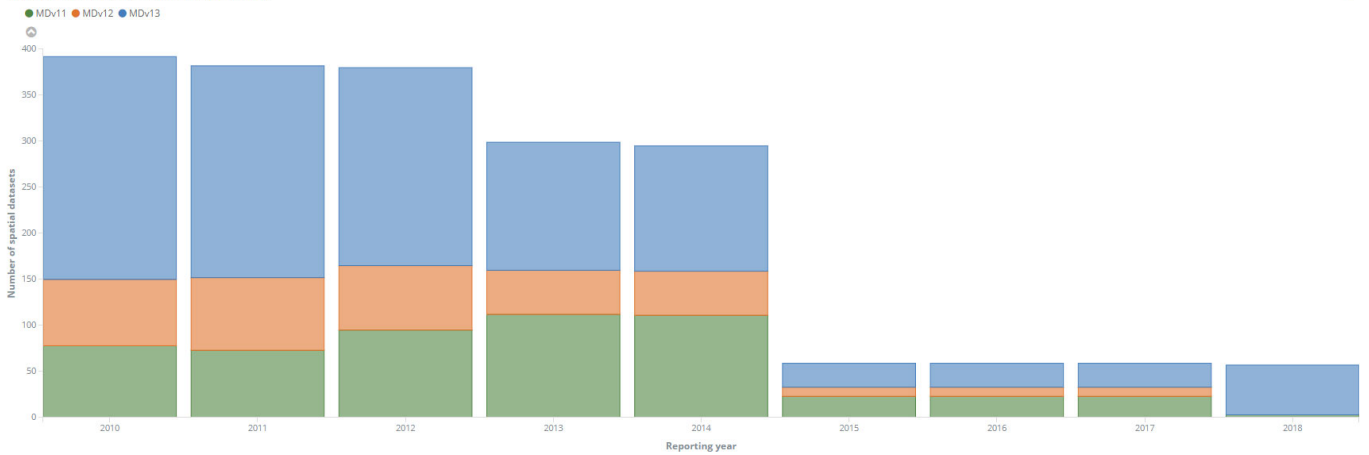
INSPIRE Raw data (datasets) by themes



Country fiche / datasets by themes

Data sets made available per INSPIRE theme

Indicator / Number of spatial data sets per annexes



Country fiche / Documentation of the data

MDv1.1: number of spatial data sets for Annex I that have metadata

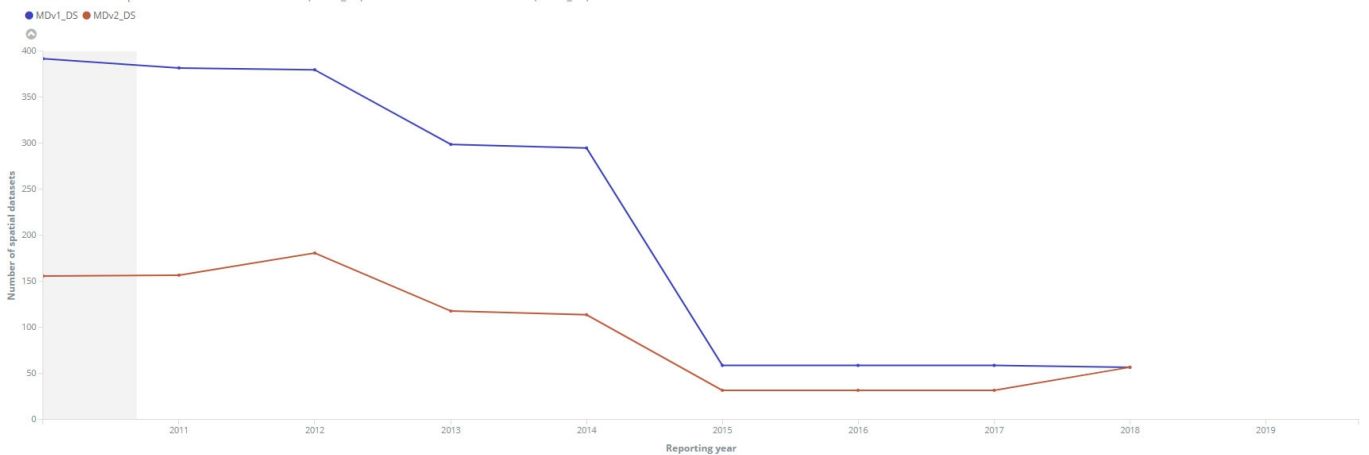
MDv1.2: number of spatial data sets for Annex II that have metadata

MDv1.3: number of spatial data sets for Annex III that have metadata

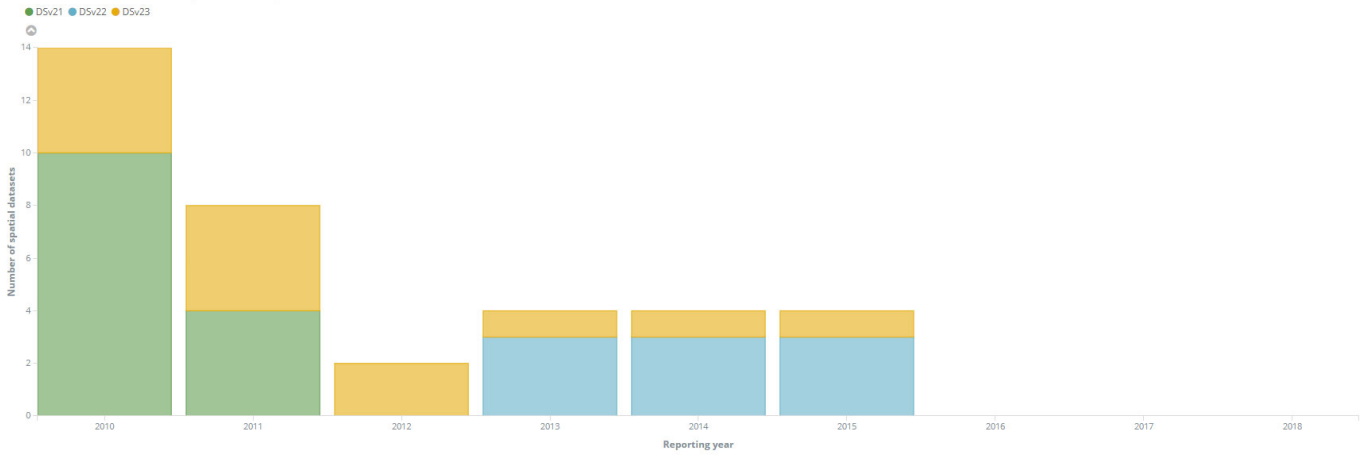
Documentation of the data (metadata) (step 2)

Evolution of documented data and conformity of the documentation

Indicator / Number of spatial data set that have metadata (MDv1_DS) and have conformant metadata (MDv2_DS)



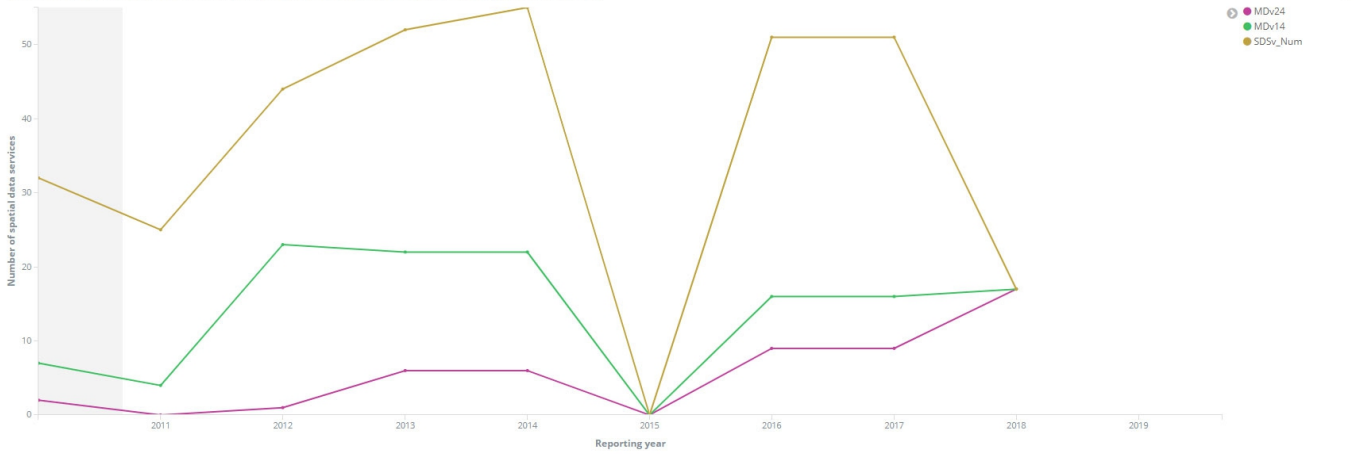
Indicator / Number of conformant spatial data sets per Annexes



Country fiche / Evolution of documented services and conformity of the documentation

Evolution of documented services and conformity of the documentation

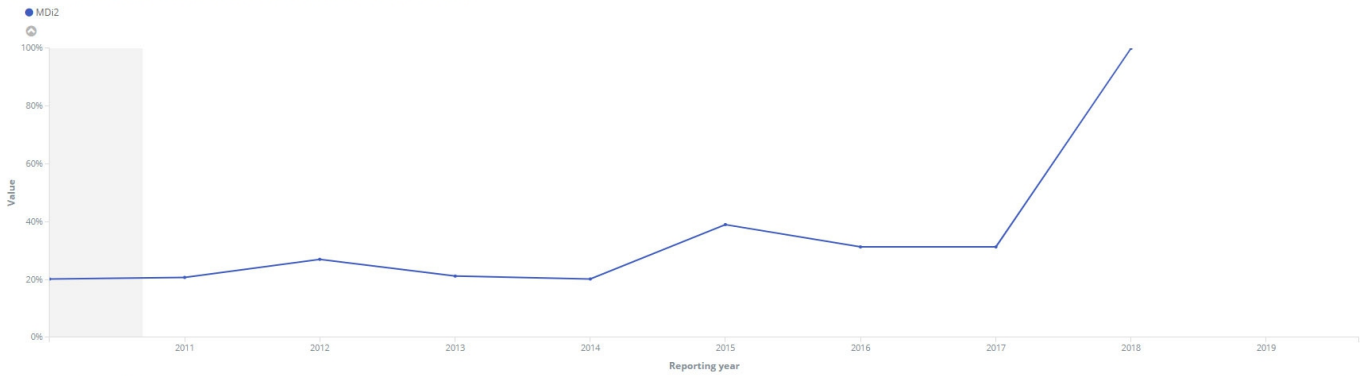
Indicator / Number of spatial data services (SDSv_Num) with metadata (MDv14) and conformant metadata (MDv24)



Country fiche / Evolution of the overall conformity of the documented metadata

Evolution of the overall conformity of the documented metadata

Indicator / Percentage of spatial data sets and services with conformant metadata (MDi2)

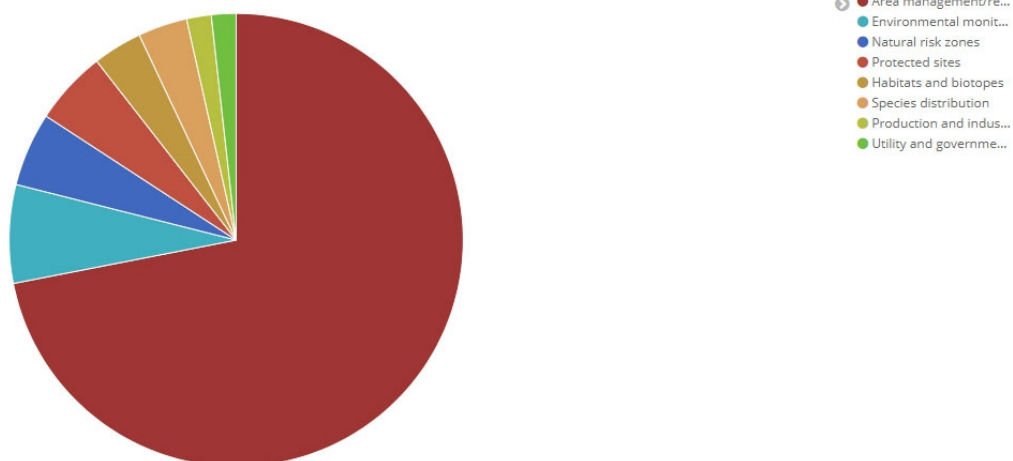


Country fiche / accessibility

Accessibility of the data through digital services (step 3)

Digitally accessible spatial data per INSPIRE theme (reference year 2018)

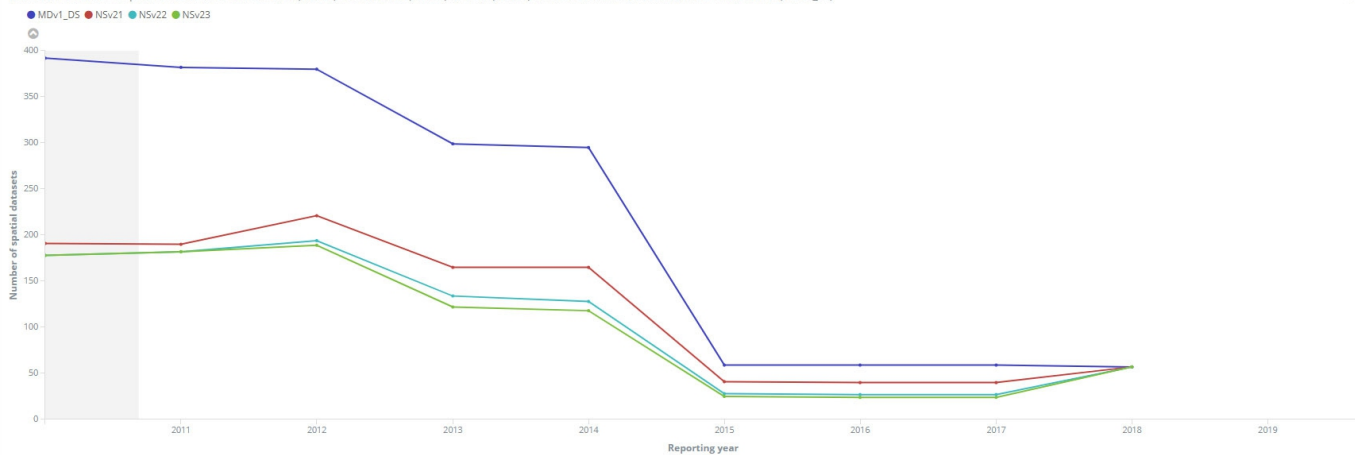
INSPIRE Raw data (datasets available through services) by themes



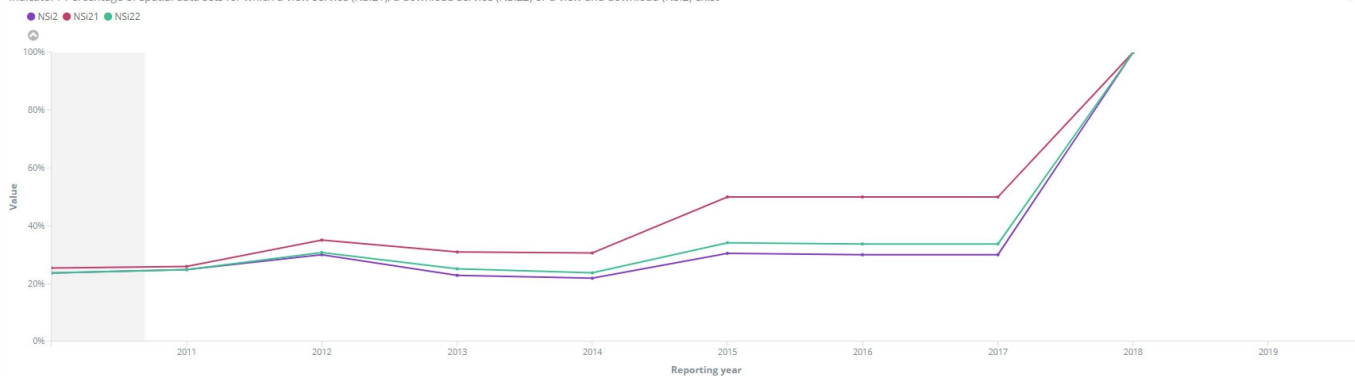
Country fiche / Evolution of spatial data accessible through services

Evolution of spatial data made accessible through digital services

Indicator / Number of spatial data sets for which a view (NSv21) or download (NSv22) or both (NSv23) service exist and the total number of metadata (MDv1_ds)



Indicator / Percentage of spatial data sets for which a view service (NSI21), a download service (NSI22) or a view and download (NSI2) exist

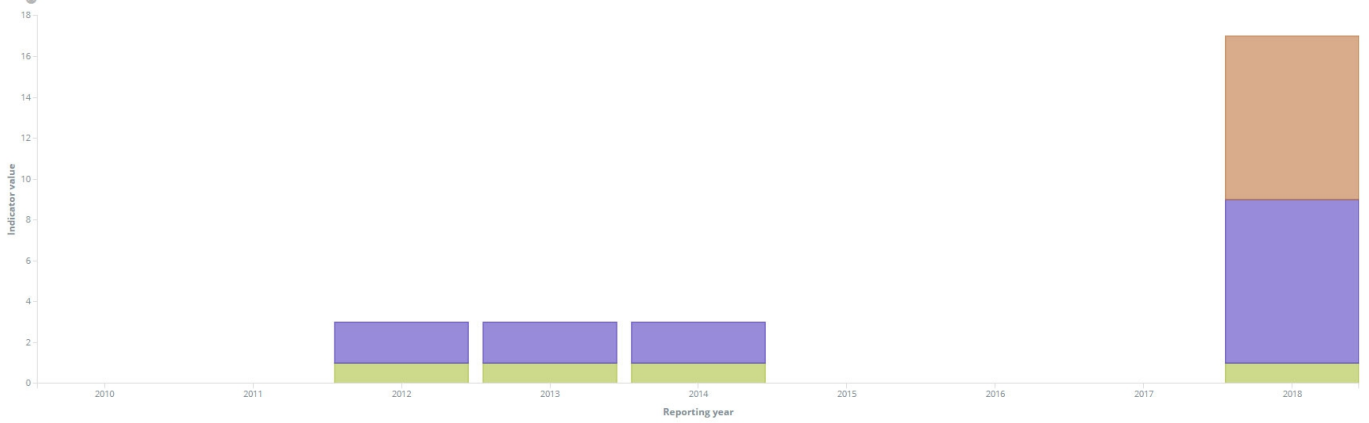


Country fiche / Evolution of the conformity of the digital services

Evolution of the conformity of the digital services

Indicator / Number of all conformant network services: discovery (NSv41), view (NSv42), download (NSv43), transformation (NSv44) total (NSv4)

● NSv41 ● NSv42 ● NSv43 ● NSv44 ● NSv45



Country fiche / Interoperability

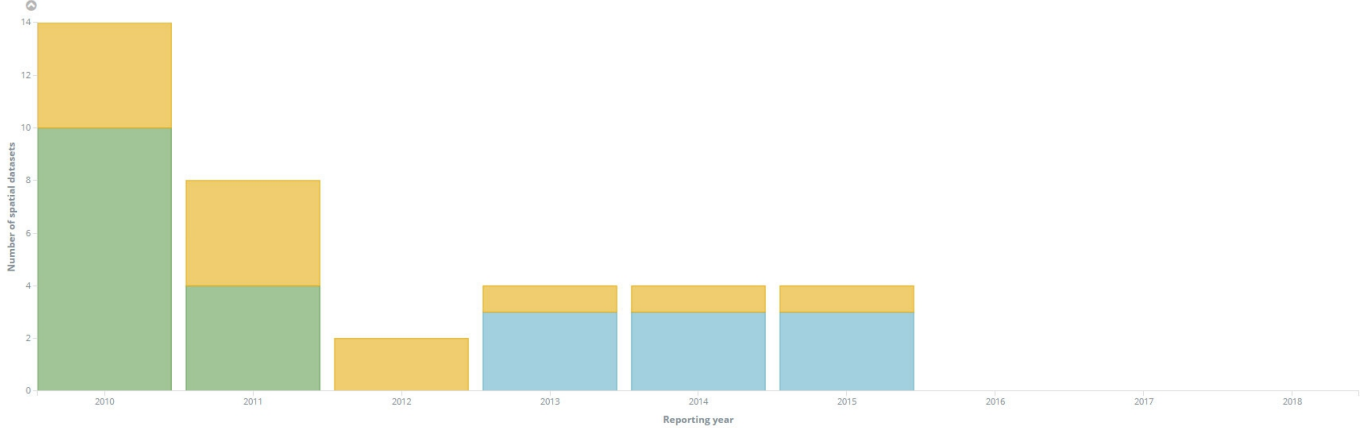
Interoperability of spatial data sets (step 4)

The interoperability of spatial data sets is an outlook on the readiness of Member States to make their spatial data interoperable according to the interoperability specifications laid down in the INSPIRE Interoperability Implementing regulation (Commission Regulation (EU) No 1089/2010 <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02010R1089-20131230&qId=1400675738563>). The deadlines for implementation of the spatial data interoperability are 23/11/2017 for Annex I data and 21/10/2020 for Annex II and III data.

Evolution of the conformity with INSPIRE interoperability specifications for spatial data

Indicator / Number of conformant spatial data sets per Annexes

● DSv21 ● DSv22 ● DSv23



DSv2.1: number of conformant spatial data sets with conformant metadata for Annex I

DSv2.2: number of conformant spatial data sets with conformant metadata for Annex II

DSv2.3: number of conformant spatial data sets with conformant metadata for Annex III