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## 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

A high-level view on the governance, use and impact of the INSPIRE Directive in France. More detailed information is available on the [INSPIRE knowledge base](#).

### Coordination

#### National Contact Point

**Name of Public Authority:** Ministry of Ecology, Sustainable Development and Energy

**Contact Email:** [Click to email](#)

**National INSPIRE Website:** <http://www.developpement-durable.gouv.fr/La-directive-europeenne-Inspire-de.html>

**MIG Contacts: Contact Person:** Marc Leobet

**Email:** [Marc.Leobet@developpement-durable.gouv.fr](mailto:Marc.Leobet@developpement-durable.gouv.fr)

**Contact Person:** Pascal Douard

**Email:** [Pascal.Douard@developpement-durable.gouv.fr](mailto:Pascal.Douard@developpement-durable.gouv.fr)

**MIG T Contacts: Contact Person:** Marie Lambois

**Email:** [Marie.Lambois@ign.fr](mailto:Marie.Lambois@ign.fr)

**Contact Person:** Marc Leobet

**Email:** [Marc.Leobet@developpement-durable.gouv.fr](mailto:Marc.Leobet@developpement-durable.gouv.fr)

#### Coordination Structure & Progress:

- **National Contact point**

Name of public authority	Directeur de la Recherche et de l'Innovation au ministère de l'environnement, de l'énergie et de la mer
Mailing address	Tour Sequoia, 92055 La Défense Cedex, France

Telephone number	+33 (0)1 40 81 21 22
Fax number	
E-mail	<a href="mailto:Point-de-contact-inspire-france.dri.cgdd@developpementdurable.gouv.fr">Point-de-contact-inspire-france.dri.cgdd@developpementdurable.gouv.fr</a>
Website address	<a href="http://www.developpement-durable.gouv.fr">www.developpement-durable.gouv.fr</a>
Contact person	Serge BOSSINI
Telephone number	
E-mail	
Contact person substitute	
Telephone number	
E-mail	

- **Coordination Structure**

- NCP is the permanent secretary of Conseil National de l'Information Géographique- CNIG [www.cnig.gouv.fr](http://www.cnig.gouv.fr), which is the coordination structure, composed by 35 members. It chairs 6 Commissions or working groups
- Local level is coordinated by regional platforms of geographic information (law NOTRe of 7 August 2015)
- COMmission de VALidation des Données pour l'Information Spatialisée (COVADIS) is an inter-ministry Environment and Agriculture structure to establish standards/convert the existing ones to be INSPIRE compliant, for the quality assurance of the infrastructure (Art.12.2), including Regulation n°1089/2010/CE on interoperability, to be used by the services of both ministries. This structure participated in the development of the data model of standard PCRS.

- **Progress**

- Central role of the Conseil national de l'information géographique (CNIG), producing guidelines with recommendations and geostandards to prevent the damage of the underground networks.

#### Functioning and coordination of the infrastructure

- Extremely sustained dynamics of creating open data catalogues, especially for Themes of Annex III.
- Remarkable surge of data available for download.
- Establishment of data interoperability in Annex III by national geostandards meeting concrete needs, in accordance with the Interoperability Regulation (examples in the Report and in this fiche).

#### Usage of the infrastructure for spatial information

- The program « Dites-le nous une fois » started in 2013 to reduce redundancy of information asked to enterprises and administrative burden, IGN developed the mapping component with API Carto to simplify tasks of admin and of the users, based on INSPIRE ; it is used in all electronic forms for different applications (e.g. permits to plan vineyards, automatic calculation of surface of cadastre parcels involved), saving time, reducing errors, reuse authoritative information provided by other public admin implementing INSPIRE.
- Several testimony prove that public admin have been able to explore INSPIRE infrastructure to satisfy the everyday needs of citizens.
- "passerelle Inspire" to the National Open data as a set of tools to publish geographic datasets "INSPIRE" on the platform of the French public data [data.gouv.fr](http://data.gouv.fr)
- Partnership in ELF project.

#### Data sharing arrangements

- There are no procedural obstacles to share data (relevant law exist), only cultural obstacles and technical to a lower extent.

#### Costs and benefits

- Progress on accessing costs: there are no new elements on costs.
- Progress on accessing benefits: Several examples of benefits are documented with references and contact point.
- Benefits already tangible by using API Carte <http://apicarto.ign.fr/>.
- Benefits already for the citizens and the public services with regional platform like <http://geobretagne.fr>

### 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)

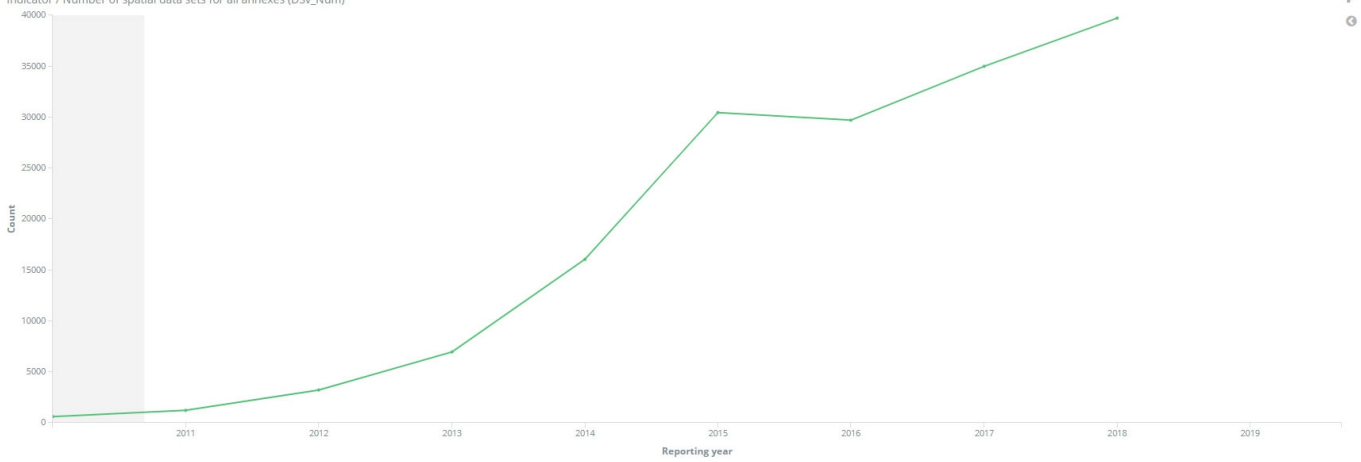
- Step 4: Make spatial datasets interoperable by aligning them with the common data models.

The key facts and figures presented in this country fiche are based on the information provided by France 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)

Indicator / Number of spatial data sets for all annexes (DSv\_Num)



Country fiche / datasets by annex

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

INSPIRE Raw data (datasets) by themes

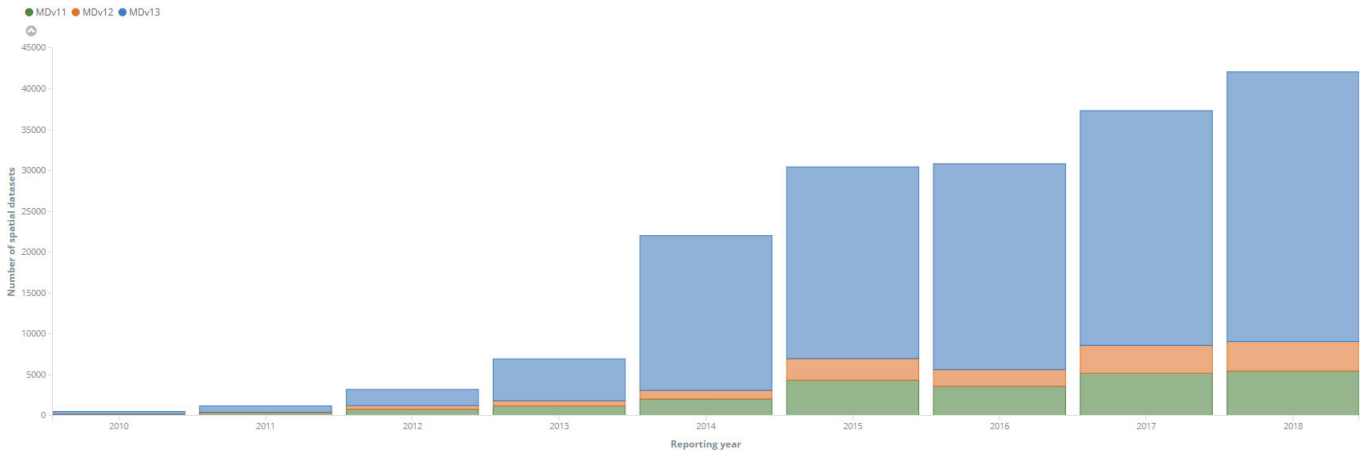


No results found

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

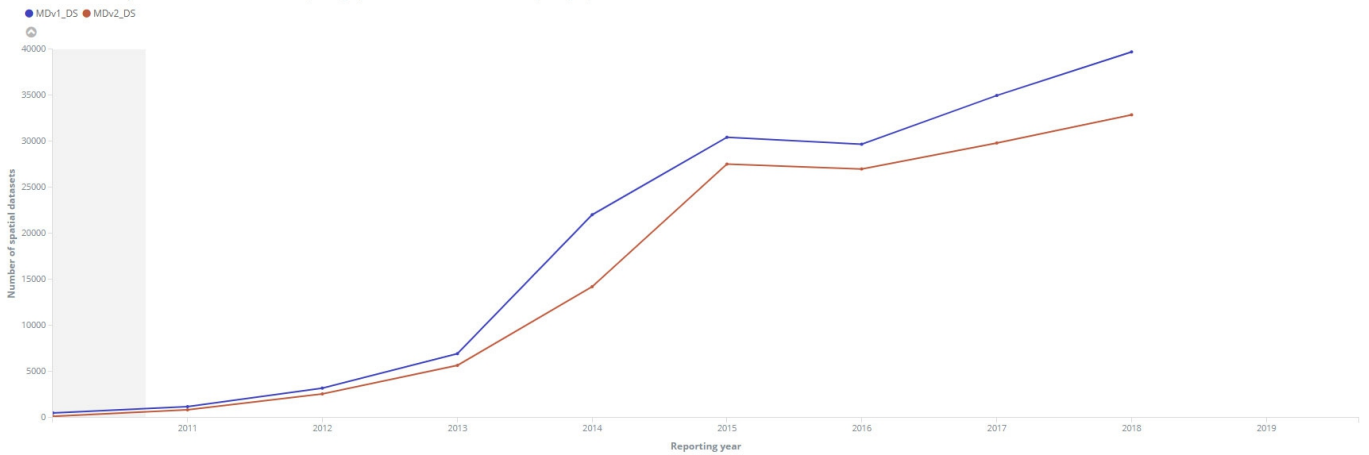
MDv1.2: number of spatial data sets for Annex II that have metadata

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

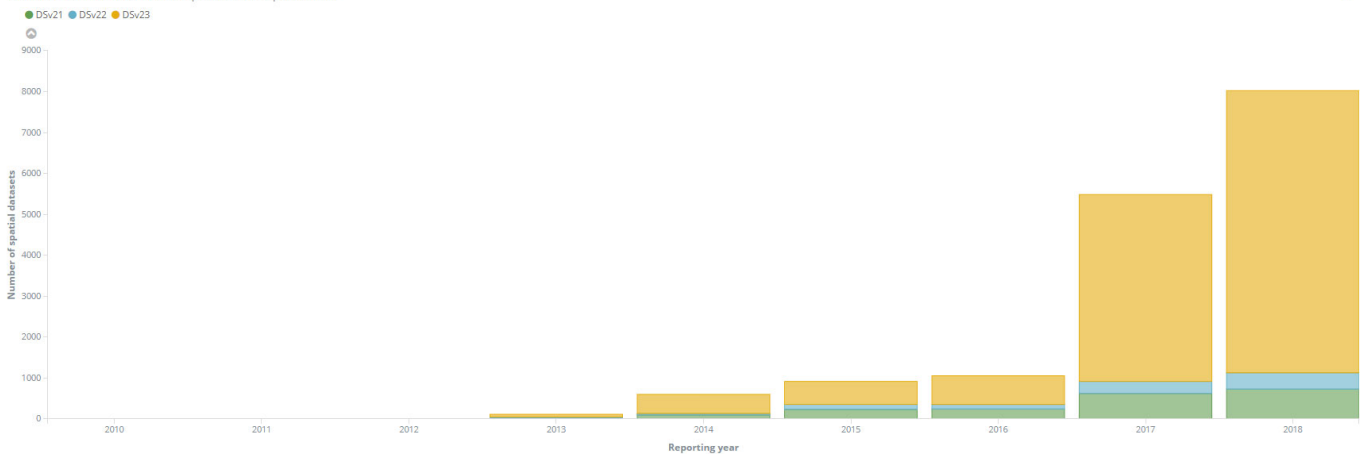
## Documentation of the data (metadata) (step 2)

### 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)



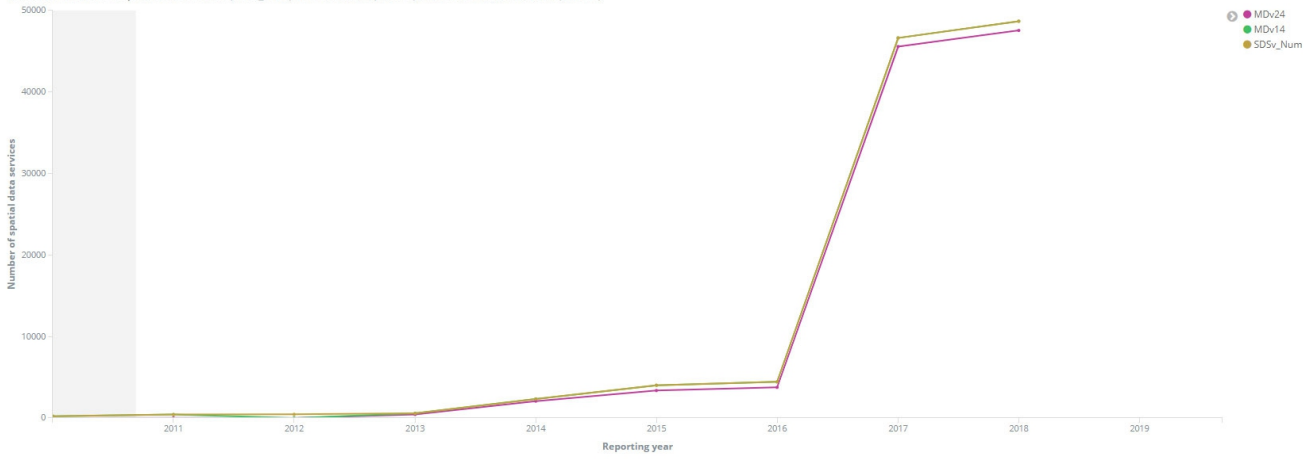
Indicator / Number of conformant spatial data sets per Annexes



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

## Evolution of documented services and conformity of the documentation

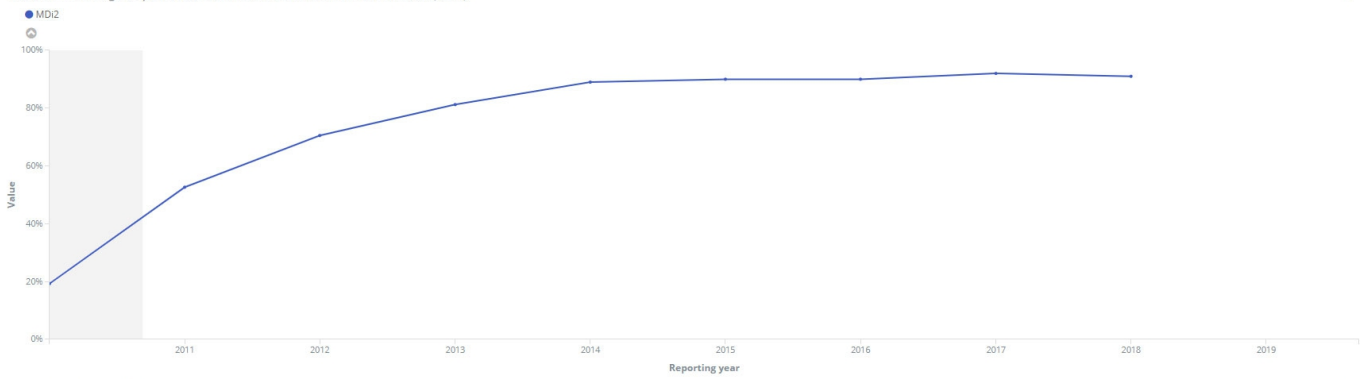
Indicator / Number of spatial data services (SDSv\_Num) with metadata (MDv14) and conformant metadata (MDv24)



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

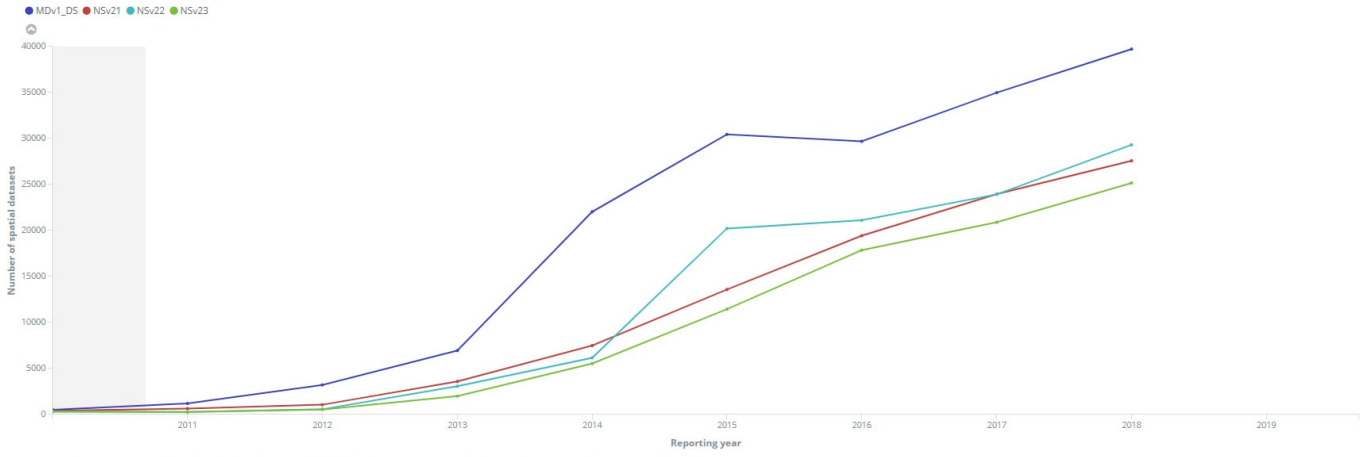


No results found

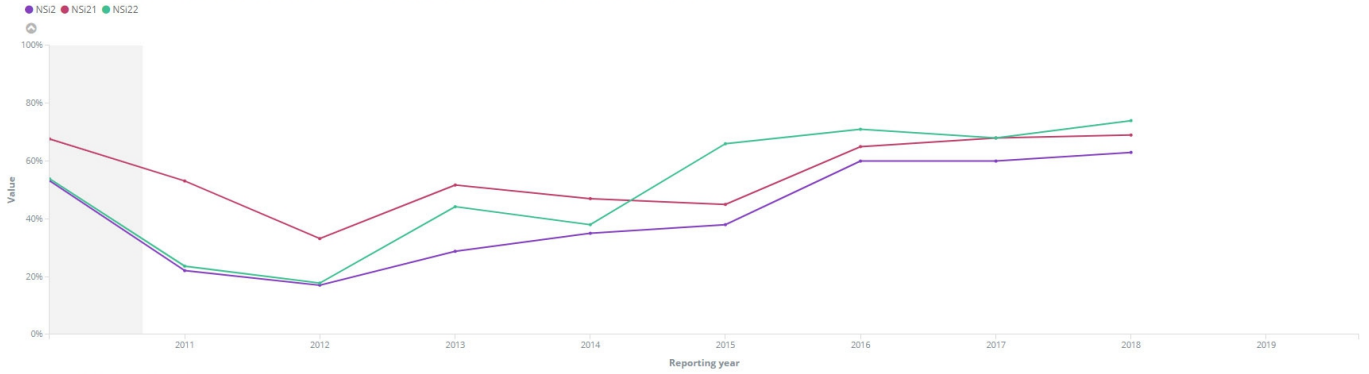
Country fiche / Evolution of spatial data accessible through services

## 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)



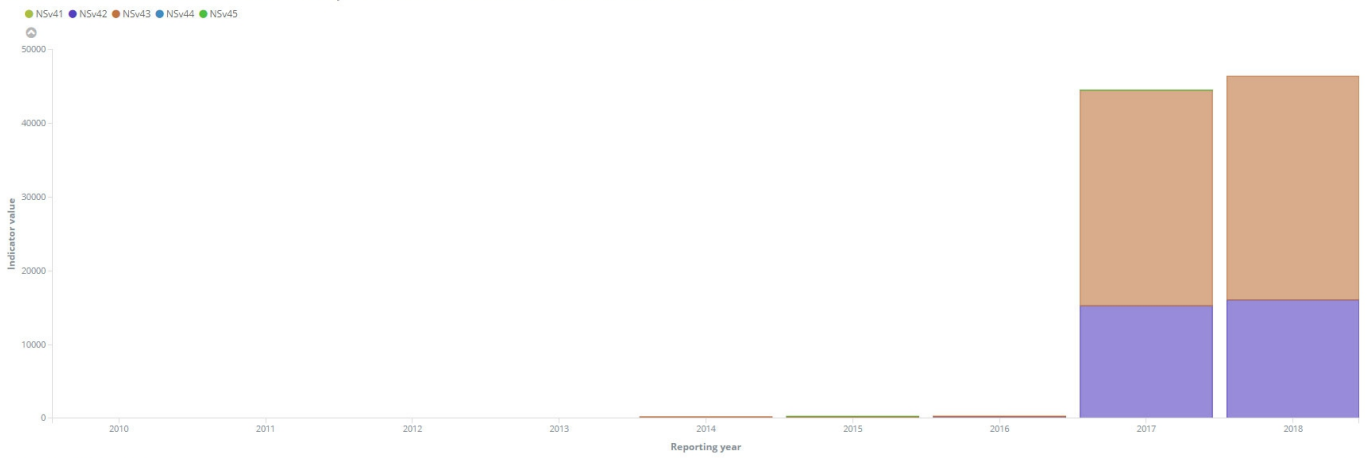
Indicator / Percentage of spatial data sets for which a view service (NSI21), a download service (NSI22) or a view and download (NSI2) exist



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)



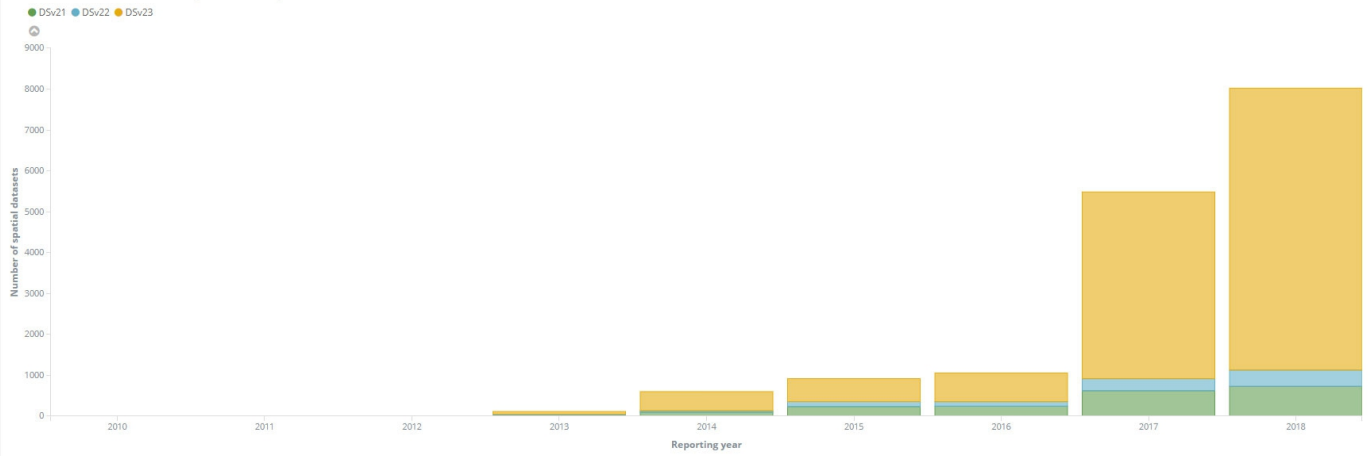
Country fiche / Interoperability

## 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



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