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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 Implementing Decision \(EU\) 2019/1372](#) on the 19th August 2019.

This country fiche highlights the progress in the various areas of INSPIRE implementation. It includes information on [monitoring 2021](#) acquired in December 2021 and Member States update.

## State Of Play

The Ministry for Environment and Energy (MEE), has the responsibility for the creation and maintenance of the NSDI and the INSPIRE implementation. MEE has developed a geoportal ([geoportal.ypen.gr](http://geoportal.ypen.gr)), in which the priority datasets are available “as-is” through discovery, view and download services. At the end of 2021, 60 metadata records were found in the geoportal of MEE ([geoportal.ypen.gr](http://geoportal.ypen.gr)). The metadata catalogue is linked to the INSPIRE Geoportal since November 2018.

The catalogue is continuously optimized and new datasets will be added. During 2021 a harmonization and optimization project was launched, regarding the MEE datasets that are linked to the INSPIRE Geoportal. In spring 2022 the new geoportal will be linked to the EU one. The project was about the harmonization of the Priority Datasets and the optimization of the provision and conformity of the network services. The new Greek geoportal resources are expected to lead to a significant improvement of the implementation indicators.

The last few years of INSPIRE implementation by the MEE, have made clear the necessity of preparation and implementation of a National NSDI Strategy in order to support the MEE to fulfill its purpose and engage other public authorities by providing spatial data and services. This Strategy was prepared and went under public consultation in 2020. It is expected to trigger the necessary administrative and legal changes in order to move forward with the implementation of INSPIRE in Greece

## Coordination

### National Contact Point

**Name of Public Authority:** Ministry of Environment and Energy

**Postal Address:** 2 Panormou Str, 11523, Athens, GREECE

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

**Telephone Number:** (+30) 210 6469813, (+30) 210 6437895, (+30) 210 6438449

**National INSPIRE Website:** <http://www.ypeka.gr>

**MIG Contacts: Contact Person:** Eleni Grigoriou

**Email:** [el.grigoriou@prv.ypeka.gr](mailto:el.grigoriou@prv.ypeka.gr)

**Contact Person:** Aliko 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          | 2 Panormou Str, 11523, Athens, GREECE   |
| Telephone number         | (+30) 210 6469813, (+30) 210 6437895  |
| E-mail                   | <a href="mailto:eygep.support@prv.ypeka.gr">eygep.support@prv.ypeka.gr</a> , <a href="mailto:dgeopl@prv.ypeka.gr">dgeopl@prv.ypeka.gr</a>   |
| Website address          | <a href="http://ypen.gov.gr/">http://ypen.gov.gr/</a><br><a href="http://geoportal.ypen.gr/geonetwork/srv/eng/catalog.search#/home">http://geoportal.ypen.gr/geonetwork/srv/eng/catalog.search#/home</a>                      |
| Contact person           | <ul style="list-style-type: none"><li>• Aliko Fatourou, Member of the INSPIRE Committee, Member of the MIG</li><li>• Eleni Grigoriou, Member of the MIG-T, Alternative member of the INSPIRE Committee and the MIG.</li></ul> |
| Telephone number         | (+30) 210 6469813, (+30) 210 6437895  |
| E-mail                   | <ul style="list-style-type: none"><li>• a.fatourou@prv.ypeka.gr</li><li>• el.grigoriou@prv.ypeka.gr</li></ul>   |

### • 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 Ministry for Environment and Energy (MEE). The Ministry is the National Contact Point for INSPIRE and participates with representatives in the INSPIRE Committee and the MIG.
- 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).
- During 2019-2020, the elaboration of the National Geospatial Strategy concerning the creation of the NSDI and the implementation of the Directive began. The Strategy went through a public consultation procedure and is expected to be adopted by the political leadership of the Ministry. The NSDI Strategy is expected to trigger the necessary administrative and legal changes in order to move forward with the implementation of INSPIRE in Greece and the creation of the NSDI.

### • Progress

- Due to the continuous structural changes in Public Administration from 2013 - 2018, planning and implementation of the NSDI has not made satisfactory progress, in organizational aspects. The need to change the organizational 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 catalogue, providing access to a set of Priority Datasets through discovery, view and download services. The metadata catalogue is linked to the INSPIRE Geoportal and is being optimized continuously.
- The geoportal (<http://geoportal.ypen.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.
- In 2021 a harmonization project was launched regarding the Priority Datasets published and maintained by the MEE. In spring 2022 the new geoportal is expected to be linked to the EU one.

## 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 Catalogue was developed in house using FOSS and the infrastructure provided by the governmental cloud (<http://geoportal.yopen.gr/geonetwork/srv/eng/catalog.search#/home>). The catalogue is linked to the INSPIRE Geoportal and the INSPIRE compliance is gradually achieved.

## 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

- There has been no change in data sharing 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 within their core scope and 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 Geoinformation Policy and an operational NSDI.

## Costs and benefits

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

## Key facts and figures

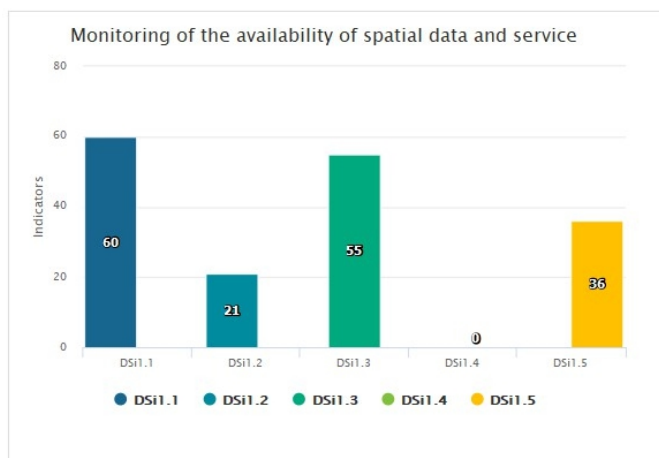
# Greece

Indicators in support of [Commission Decision \(EU\) 2019/1372](#) implementing Directive 2007/2/EC (INSPIRE) as regards to monitoring and reporting

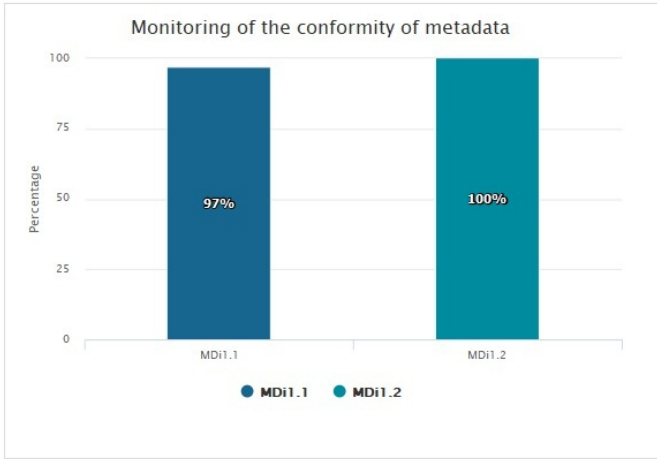
Graphs generated with data taken from: [https://inspire-geoportal.ec.europa.eu/mr2021\\_details.html?country=e](https://inspire-geoportal.ec.europa.eu/mr2021_details.html?country=e)

The date of harvest metadata: 18/12/2021

Endpoint: *INSPIRE-b4838d76-ec02-11e8-a08e-52540023a883*

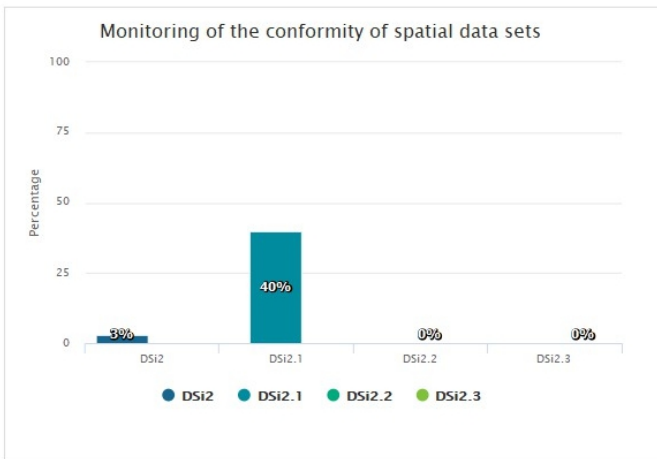


| Legend    |  |
|-----------|--|
| Indicator | Definition   |
| ● DSi1.1  | The number of spatial data sets for which metadata exist   |
| ● DSi1.2  | The number of spatial data services for which metadata exist   |
| ● DSi1.3  | The number of spatial data sets for which the metadata contains one or more keywords from a register provided by the Commission indicating that the spatial data set is used for reporting under the environmental legislation |
| ● DSi1.4  | The number of spatial data sets for which the metadata contains a keyword from a register provided by the Commission indicating that the spatial data set covers regional territory  |
| ● DSi1.5  | The number of spatial data sets for which the metadata contains a keyword from a register provided by the Commission indicating that the spatial data set covers national territory  |



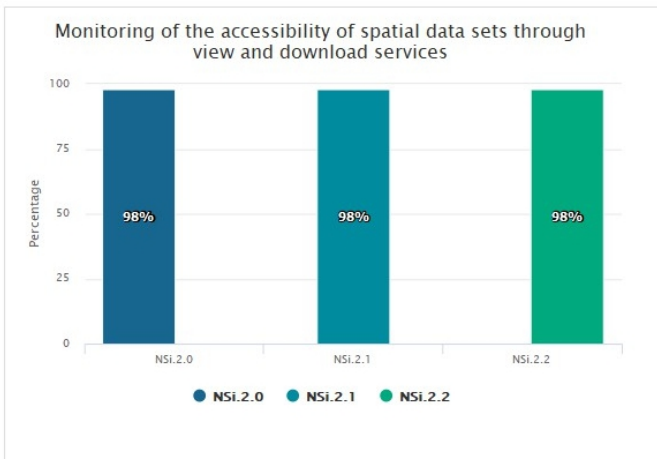
### Legend

| Indicator | Definition   |
|-----------|--|
| ● MDi1.1  | Percentage of metadata for spatial data sets conformant with Commission Regulation (EC) No 1205/2008 as regards metadata     |
| ● MDi1.2  | Percentage of metadata for spatial data services conformant with Commission Regulation (EC) No 1205/2008 as regards metadata |



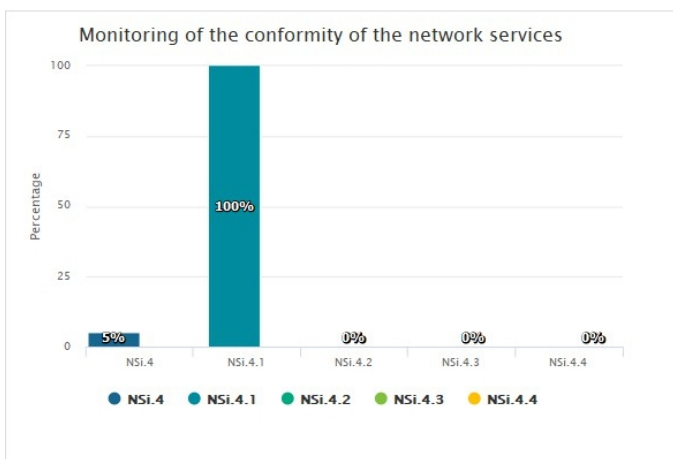
### Legend

| Indicator | Definition   |
|-----------|--|
| ● DSI2    | Percentage of spatial data sets that are in conformity with Commission Regulation (EU) No 1089/2010 as regards interoperability of spatial data sets   |
| ● DSI2.1  | Percentage of spatial data sets, corresponding to the themes listed in Annex I, that are in conformity with Commission Regulation (EU) No 1089/2010 as regards interoperability of spatial data sets   |
| ● DSI2.2  | Percentage of spatial data sets, corresponding to the themes listed in Annex II, that are in conformity with Commission Regulation (EU) No 1089/2010 as regards interoperability of spatial data sets  |
| ● DSI2.3  | Percentage of spatial data sets, corresponding to the themes listed in Annex III, that are in conformity with Commission Regulation (EU) No 1089/2010 as regards interoperability of spatial data sets |



### Legend

| Indicator | Definition   |
|-----------|--|
| ● NSi.2.0 | The Percentage of spatial data sets that are accessible through view and the download services |
| ● NSi.2.1 | The Percentage of spatial data sets that are accessible through view services                  |
| ● NSi.2.2 | The Percentage of spatial data sets that are accessible through download services              |



### Legend

| Indicator | Definition   |
|-----------|--|
| ● NSi.4   | Percentage of the network services that are in conformity with Commission Regulation (EC) No 976/2009 as regards the Network Services        |
| ● NSi.4.1 | Percentage of the discovery services that are in conformity with Commission Regulation (EC) No 976/2009 as regards the Network Services      |
| ● NSi.4.2 | Percentage of the view services that are in conformity with Commission Regulation (EC) No 976/2009 as regards the Network Services           |
| ● NSi.4.3 | Percentage of the download services that are in conformity with Commission Regulation (EC) No 976/2009 as regards the Network Services       |
| ● NSi.4.4 | Percentage of the transformation services that are in conformity with Commission Regulation (EC) No 976/2009 as regards the Network Services |

