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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 2019](#) acquired in December 2019 and Member States update.

State Of Play

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

Coordination

National Contact Point

Name of Public Authority: Ministero dell'Ambiente e della Tutela del Territorio e del Mare

Contact Email: [Click to email](#)

National INSPIRE Website: <http://www.isprambiente.gov.it>
<http://sgi.isprambiente.it/geoportale>

MIG Contacts: Contact Person: Salvatore Costabile

Email: NCP.Inspire@minambiente.it

Contact Person: Laura Petriglia

Email: petriglia.laura@minambiente.it

Contact Person: Stefano Martini

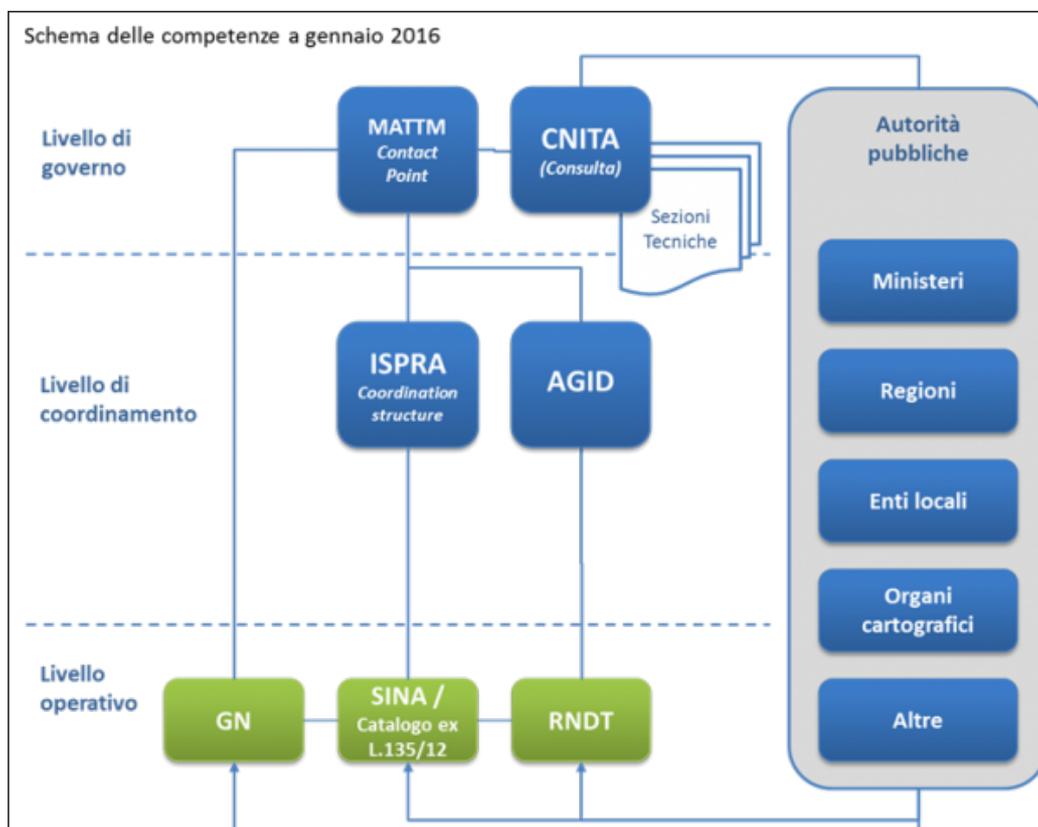
Email: NCP.Inspire@minambiente.it

MIG T Contacts: Contact Person: Michele Munafò

Email: michele.munafò@isprambiente.it

Contact Person: Carlo Cipolloni

Email: carlo.cipolloni@isprambiente.it



Coordination Structure & Progress:

- **National Contact point**

Name of public authority	Ministero dell'Ambiente e della Tutela del Territorio e del Mare
Mailing address	Via Cristoforo Colombo, 44 – 00147 Roma
Telephone number	
Fax number	
E-mail	NCP.Inspire@minambiente.it
Website address	http://www.minambiente.it/
Contact person	
Telephone number	
E-mail	
Contact person substitute	
Telephone number	
E-mail	

- **Coordination Structure**

- **Progress**

- According to adopted coordination strategy (January 2016) there are three levels in the governance structure:
 - Top: governmental level, including the NCP (Ministry of Environment) and the consulting and supporting body created in May 2016 (CNITA), website: <http://www.minambiente.it/>
 - Middle: coordination level, including the coordination structure (ISPRA, the National Environment agency) and the national body for the Digital Agenda (AGID),
 - Bottom: operational level, including the National Geoportal (GN), the National Environmental Information System (SINA) and the national geographic metadata catalogue (RNDT)
- In May 2016 Italy has set up a body in charge of linking all the public administrations providing spatial data, this body called "Consulta Nazionale per l'Informazione Territoriale" (CNITA) was already envisaged in 2010 in the law transposing the INSPIRE Directive but never established so far.

- The coordination structure supporting the MSCP is ISPRA - Via Vitaliano Brancati, 48 - 00144 Roma, Tel. +39 06 5007 1, email: inspire@isprambiente.it; website: www.isprambiente.it.

Functioning and coordination of the infrastructure

- Information available through Italian INSPIRE geoportal <http://www.pcn.minambiente.it/geoportal/csw>
- Tests on the infrastructure show a 95.13% conformity (as of April 2016)
- Italy clearly states that they are willing to use the present and future collected data for decision making processes related not only to environmental or reporting matters, but also to the wider land use planning and governance. Moreover, they are willing to adopt an open data strategy

Usage of the infrastructure for spatial information

- Incomplete information on data usage at national and regional level. An activity to harmonise the access to network services and related use through tracking procedures is foreseen
- Metadata statistics are presented in the report
- The report provides number of accesses to the national geoportal between 2012 and 2015, also categorised the INSPIRE theme.
- Good example of cross-border collaboration in the alpine Region, with French and Swiss Authorities. The collaboration resulted in a system for visualising and analysing the territory using a 3D cartography
- Italy participated to the OneGeology Europe project, supporting in particular risk analysis and environmental impact assessments across Italy France, Switzerland, Austria and Slovenia

Data sharing arrangements

- The Italian Ministry of Environment has signed more than 200 data sharing agreements since 2009, and for the subscription to the national geoportal
- LIDAR data have been also shared through a dedicated policy instrument (Piano Straordinario di Telerilevamento), and there is now open procedure for an agreement with the JRC (Global Security and Crisis Management Unit) to share this data with the EC
- Two main barriers to data sharing identified:
 - One of the obstacles to fully comply to INSPIRE is identified in the current legislative landscape that in many cases is antecedent the INSPIRE Directive and therefore applies limitations to data sharing.
- Especially local administrations have difficulties in funding the right expertise /infrastructure that would enable harmonisation towards INSPIRE formats that would feed the national data infrastructure with local data "ready to use".

Costs and benefits

- The report contains information on the costs of implementation of the infrastructure in terms on man months, and divided by the different actors (Ministry of Environment, ISPRA)
- There is no description of the methodology followed to estimate such costs
- On benefits, amongst the qualitative benefits outlined, the rationalisation of the economic investments and of the operational costs, thanks to the removal of duplications; and the wider use of the public data thanks to the data sharing, standardisation and harmonisation activities required by INSPIRE

Key facts and figures

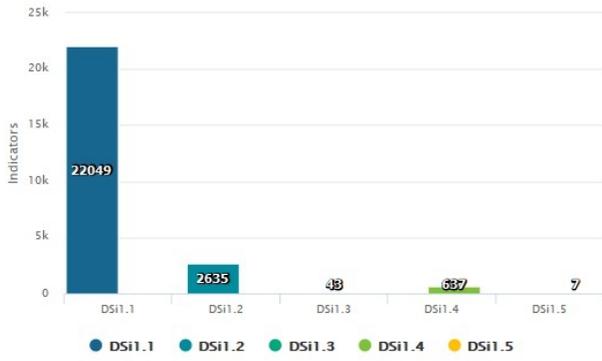
Italy 

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/mr2019_details.html?country=it

The date of harvest metadata: 16/12/2019

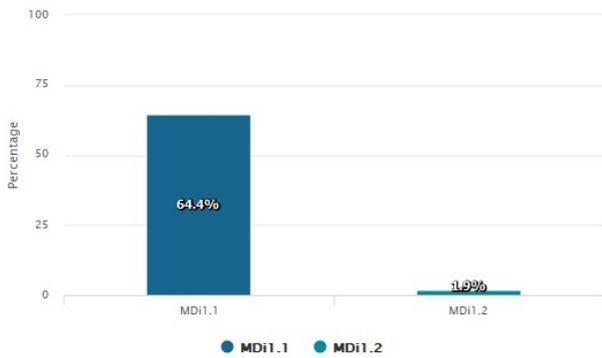
Monitoring of the availability of spatial data and service



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

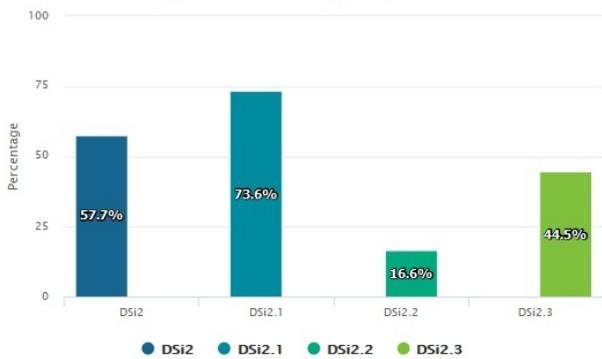
Monitoring of the conformity of metadata



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

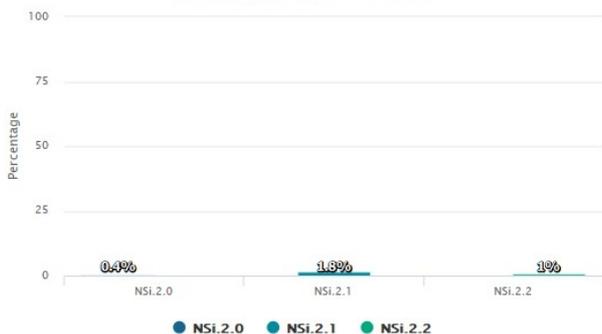
Monitoring of the conformity of spatial data sets



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

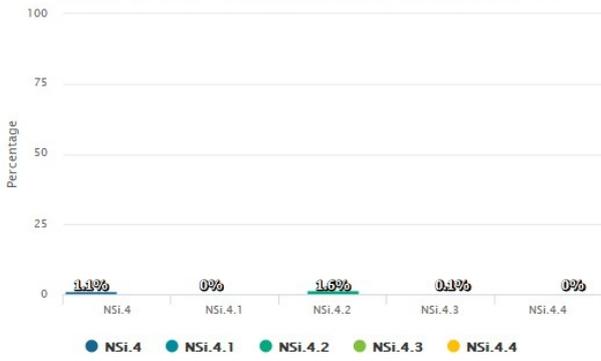
Monitoring of the accessibility of spatial data sets through view and download services



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

Monitoring of the conformity of the network 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