

**Transposition of the INSPIRE
Directive in the legislation
of the Republic of Slovenia**

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Agenda



- **INSPIRE Directive**
- **Transposition of the Directive**
- **Content of the Slovenian Act**
- **Implementing the Slovenian Act**

Directive INSPIRE

- **Defines the legal framework**
- **Purpose – environmental policies and to provide public information**
- **Based on NSDIs**
- **Identifies what needs to be achieved**
- **Common IR to ensure compatibility and usability**
- **MS have 2 years for transposition**

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Preparation

- **Determination of responsible body**
- **Determination of the type of legal instrument (act, regulation...)**
- **Decision between new act and amendments to existing legislation**

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Slovenian Infrastructure for Spatial Information Act

- Adopted in the beginning of the year 2010



Content of the law:

- Metadata
- Geo-portal
- Spatial datasets - themes
- Network services
- Interoperability
- National Contact Point
- Monitoring and reporting

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Essential objectives of the Act

- Establishment of NSDI in Slovenia
- Determination of common rules for management and operation of NSDI
- Determination of terms of use of data and network services
- Ensure the effective implementation of the Act and INSPIRE requirements

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The content of the Act

- Defines the NSDI
- Defines the components of NSDI
- Defines the obligations, terms and responsible parties for establishing and operating of these components
- Defines the National contact point and its obligations

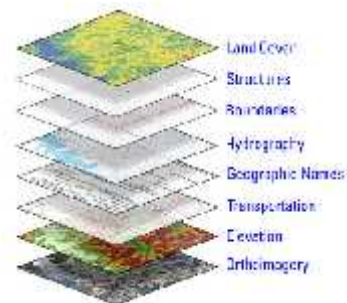
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Spatial Data

- Defines the spatial data of Slovenian SDI
- 34 themes of SD
- List of spatial data
- Published on geoportal
- Responsible party - NCP



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Metadata



- Data providers responsible for creation
- IS for creating, managing, searching and viewing metadata
- Responsible party - NCP

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Interoperability



- Provides linking SLO and EU data
- Responsible party – data providers
- New legislation in Slovenia must take into account the rules of the Act
- Network services assured by data providers
- Ministry of public administration assures technical possibility to link to the network

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Terms of use of spatial data and spatial data services

- Use of SD in accordance with Public Sector Information Act
- Fees for network services for download, transformation and invoke SDS
- Government provides measures and terms for determining fees

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Monitoring and Reporting

- NCP regularly monitors SDI implementation and use
- NCP prepares national report
- Government adopts the report and provides it to EC



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National Contact Point



SMA as NTC performs the tasks:

- Managing and updating list of data sets and detailed description of data themes
- Managing geoportal and metadata IS
- Assuring interoperability of data sets and services
- Providing implementation of INSPIRE regulations
- Creating the Strategy
- Creating the plan of activities and measures
- Preparing reports

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Implementing the Act



- Monitoring and reporting
- Geoportal
- List of data sets and providers
- Metadata IS
- INSPIRE Glossary
- Spatial data services
- Awareness raising
- Data harmonizing

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List of data sets

80 data sets,
included in NSDI

The screenshot shows the 'Slovenski INSPIRE geportal' interface. It features a search bar at the top right and a navigation menu below the header. A list of data sets is displayed in a table format, with a yellow highlight over one of the entries. The table columns include various identifiers and descriptions of the data sets.

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Metadata



The screenshot shows the 'METAPODATKOVNI SISTEM' interface. It features a search bar at the top right and a navigation menu below the header. A map of Slovenia is displayed on the left side, and a detailed metadata entry is shown on the right. The metadata includes various identifiers and descriptions of the data set.

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INSPIRE Glossary

Pregledovalnik gesel
INSPIRE

Pregledovalnik gesel INSPIRE

Pregledni seznam gesel INSPIRE, ki so vključeni v pregledni seznam gesel INSPIRE, ki so vključeni v pregledni seznam gesel INSPIRE.

Ime	Opis	Področje	Področje
...
...
...
...
...

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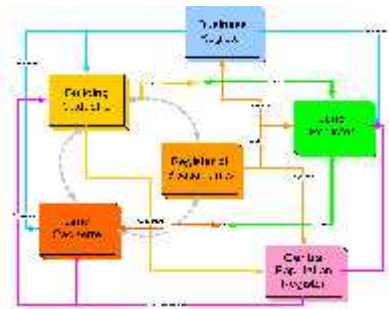
Spatial data services

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Linking Core Registers



- Core data sets – links through web services established
- Same object types in different data sets
- Importing data from different data sources

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Harmonizing data for same objects in different databases



Slika 18: Topografski prikaz objekata

Slika 19: Topografski prikaz objekata



Slika 20: 3D prikaz objekata

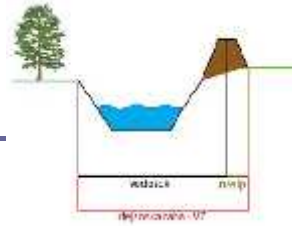
- Capturing and storing only once
- Changes in feature catalogues
- Changed capture rules
- New procedures for updating

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Upgrading of hydrographic data



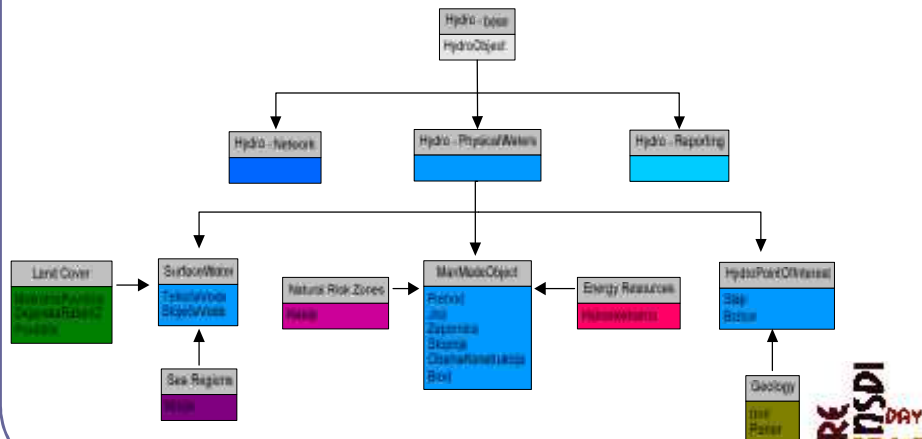
- Capturing areas of land use - water land
- Upgrading hydrographic layer in topographical database
- Connecting the hydrographic data from different sources
- Establishing data in accordance with the INSPIRE schema

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New Hydrographic Data Model and INSPIRE



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Railway data

- **Railway data in utility cadastre and topographical database (SMA) and at Slovenian Railways**
- **New feature catalogue in preparation**
- **INSPIRE principles taken into account**
- **Agreement with company Slovenian Railways**

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Conclusions

- **Legal background**
- **Coordination and organization**
- **More guidelines from EU**
- **More cooperation on all levels**

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Source of the picture: Ulla Kronborg Mazzoli,
INSPIRE Conference 2011

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<http://e-prostor.gov.si/>
<http://www.geoportal.gov.si/>



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