

www.smespire.eu

Training platform user's manual

SME /
SPIRE



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Training Platform

Click “smeSpire training platform” to access the available training modules.

 <p>smeSpire Training Platform</p>	 <p>KU Leuven seminars</p>	 <p>INSPIRE knowledge exchange events</p>
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Training access

Training modules are available to the smeSpire Network members.

<p><i>Join the smeSpire Network to access the Training Modules</i></p> <p>JOIN SMESPIRE</p>	<p><i>Already a Network member? Log in to the eLearning platform</i></p> <p>TRAINING ACCESS</p>
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If you are already a member, click the “training access” button to enter the E-learning platform.

List of Training Modules

If you want to learn more about the available training modules, check the modules list.

Click the module name to have more information (module metadata) or direct access to the training material.


Choose the more suitable Training Modules based on your professional profile (learning paths)

Module Name	INSPIRE non-technical expert (management)	INSPIRE spatial data technical expert	INSPIRE network services technical expert
Introduction to INSPIRE	✓		
INSPIRE advanced	✓		
Introduction to costs/benefits of INSPIRE & possible opportunities	✓		
Introduction overview of Technological Geospatial Trends and potential opportunities/benefits for the geo-ICT market	✓		
Basics of INSPIRE Data and service sharing	✓		
INSPIRE Data and Service Sharing advanced		✓	
Basics of INSPIRE Data Specifications		✓	
Procedures for Data and Metadata Harmonization		✓	
Metadata and Data validation for INSPIRE		✓	
Hands-on training: How to publish data as Linked data		✓	
Introduction to Sensor Web Enablement		✓	
Introduction to Business Process Modelling – BPMN		✓	
Basics of INSPIRE Network Services			✓
INSPIRE Network Services advanced			✓
Innovative Cloud Computing solutions			✓
Introduction to Semantic web technologies			✓

Access to the E-learning Platform

Click the Module name to access the training material.

Project overview









The **INSPIRE Directive 2007/2/EC**, establishes an Infrastructure for Spatial Information in Europe, requiring large amounts of environmental digital content to be made accessible across Europe, resulting in a data pool that is expected to be of huge value for a myriad of value-added applications. The INSPIRE Implementing Rules Legal Acts outlines these data pools, but more work is needed.

Making data available according to the INSPIRE standards in 30 countries using 22 languages requires specific skill sets that few public authorities have. The management of this content represents an opportunity for SMEs active in this sector.

SMEs can enable countries to fulfil the Directive, creating new market opportunities with increased potential for innovation and new jobs. Due to the legal requirements, the INSPIRE implementation becomes the entry-point for crucial business opportunities, opening new, or reinforcing existing perspectives (including Linked Open Data, Sensor Web, cloud computing and other e-environment application domains).

SmeSpire's purpose is to encourage and enable the participation of SMEs in the mechanisms of harmonising and making large scale environmental content available.

Access the training Modules below

- [Introduction to INSPIRE](#) 
- [Introduction to costs/benefits of INSPIRE & possible opportunities](#) 
- [Basics of INSPIRE Data and service sharing](#) 
- [Basics of INSPIRE Data Specifications](#) 
- [Introduction to Business Process Modelling - BPMN](#) 
- [Basics of INSPIRE Network Services](#) 

Log in

When required enter your username and password to access the training material.

Use the same **smeSpire member credentials** used for accessing the Best Practices and Database applications


Log in

Username

Password

Remember username

[Forgotten your username or password?](#)

Cookies must be enabled in your browser 

Access to the Training Module

Click the full course description to have more information about the module or access the training content.

Introduction to INSPIRE

Abstract

The INSPIRE initiative was initiated by the European Commission in 2001 to enhance the sharing of harmonized spatial data and services between public authorities in order to assist environmental policy-making and activities that may have a direct or indirect impact on the environment. The INSPIRE Directive entered into force in May 2007. Member States transposed the Directive into national legislation and started to implement INSPIRE components: setting-up a coordinating structure, harmonizing spatial data, developing network services to access the data, maintaining metadata for spatial data & services, and putting in place measures to improve data & service sharing.

This module deals with the main elements of the INSPIRE Directive: its context and background, the scope and major chapters of the Directive, an overview of the related implementing rules, the conformity of spatial data and services, and the potential for new innovative solutions based on INSPIRE. The module also pays attention to the relationship between INSPIRE and other Directives such as the Directive 2003/9/EC on the re-use of public sector information (PSI) and Directive 2003/4/EC on public access to environmental information. The training material consist of presentations, supporting documents and a weblecture. The module is a self-learning module.

 [Full course description](#)

Access the training material:

Sides presentation

 [Presentation: Introduction to INSPIRE](#)

Introduction to INSPIRE by Danny Vandenbroucke (SADLAKU Leuven)
PDF version (111 pages, 6.872KB)

Access to the Training Module

Training resources are available as weblectures, slide presentations and text lectures.

After completing the training module do not forget to fill in the evaluation questionnaire



Module evaluation

 [Module evaluation - Introduction to INSPIRE](#)

Modules direct access

Get direct access to the training content from each of the modules description (metadata) page.

[< BACK TO THE MODULES LIST](#) [ACCESS THIS TRAINING MODULE >](#)

Introduction to INSPIRE

Source

Earlier versions of this training module have been developed within the VESTA-GIS project in 2009 (<http://www.vesta-gis.eu/>), the Nature-SDIPlus project in 2010 (<http://www.nature-sdi.eu/>) and within the Educational Services Programme (EduServ) of EuroSDR in 2010 and 2011 (<http://www.eurocdr.net/>).

Ownership

Author: Danny Vandenbroucke, KU Leuven. The material is provided under Creative Commons Attribution Share-Alike License (<http://creativecommons.org/licenses/by-sa/3.0/>).

Abstract

The INSPIRE initiative was initiated by the European Commission in 2001 to enhance the sharing of harmonized spatial data and services between public authorities in order to assist environmental policy-making and activities that may have a direct or indirect impact on the environment. The INSPIRE Directive entered into force in May 2007. Member States transposed the Directive into national legislation and started to implement INSPIRE components: setting-up a coordinating structure, harmonizing spatial data, developing network services to access the data, maintaining metadata for spatial data & services, and putting in place measures to improve data & service sharing.