



A European Community of SMEs built on Environmental Digital Content and Languages

D2.3: TRAINING PLATFORM USER'S MANUAL

Work package	WP2 - TRAINING
Task(s)	Task 2.3: Training platform
Deliverable number	D2.3
Dissemination level	PU (public)
Version/Status	3.0/Final
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Due date	31/10/2013
Actual delivery date	06/02/2014



This project
is funded by the European Union
under the grant n. 296307

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1 Document change log

Version	Date	Changed by	Changed Sections	Changes made
1.0	30.10.2013	Author/ Contributors	All	First version
2.0	20.12.2013	Author/ Contributors	All	Revision of all parts
3.0	06.02.2014	Author/ Contributors	All	Revision of all parts

2 Introduction

This deliverable contains the user's manual of the smeSpire training platform.

Following this manual the users can access the on-line platform, which contains modules that can be used by the smeSpire network members in a very flexible way, coherently with the vocational training curricula developed by smeSpire (Deliverable D2.1) based on a series of Job Profiles and Business Processes related to INSPIRE implementations.

The smeSpire network members can:

- Follow the modules corresponding to the learning paths suggested by smeSpire for the three Job Profiles, identified below:
 - INSPIRE non-technical expert (management) | click for more details
 - INSPIRE spatial data technical expert | click for more details
 - INSPIRE network services technical expert | click for more details
- Build their own self-customised learning paths in order to fill-in their own skill and knowledge gaps, selecting the modules they find more appropriate.

Each module contained in the platform has a set of metadata, which support the users to select/build the learning paths.

The release of this deliverable was delayed because the preparation of part of the training material was delayed in order to take into account some updates of the INSPIRE technical and legislative documentation occurred in mid-December.

3 Training platform user's manual

3.1 smeSpire website

- Click "smeSpire training platform" to access the available training modules.



The smeSpire training offer

- Training modules are available to the smeSpire Network members.
- If you are already a member, click the "training access" button to enter the E-learning platform.



The smeSpire training access

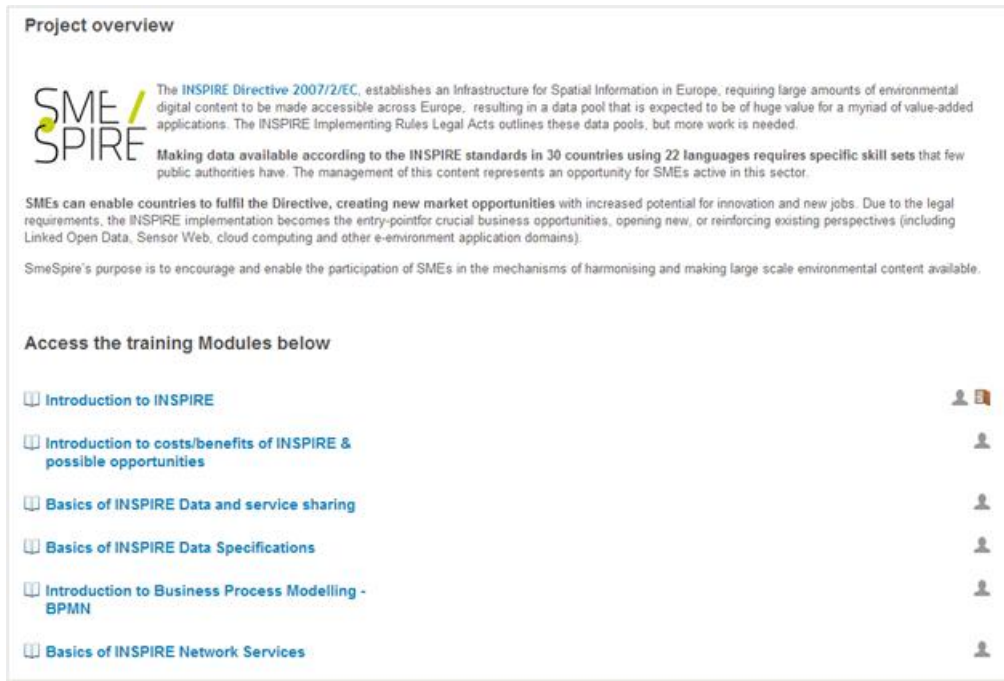
- If you want to learn more about the available training modules, check the modules list.
- Click the module name to have more information (module metadata) or direct access to the training material.
- Choose the more suitable Training Modules based on your professional profile (learning paths).

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			✓

List of Training Modules available

3.2 *smeSpire training platform*

- In the smeSpire Training Platform, click the module name to access the training material.



Access to training material

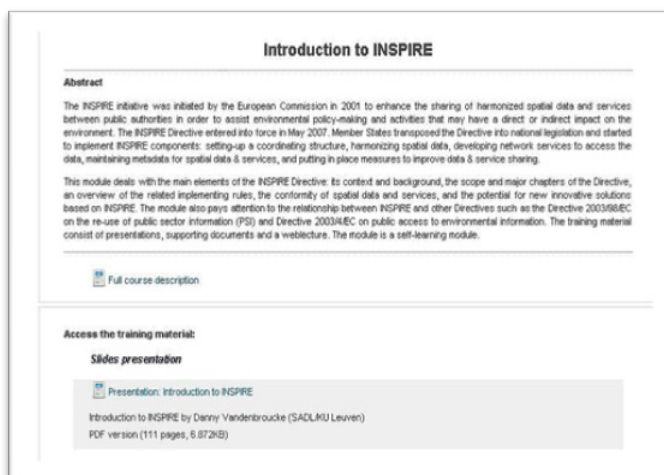
- When required enter your username and password to access the training material.
- Use the same **smeSpire member credentials** used for accessing the Best Practices and Database applications



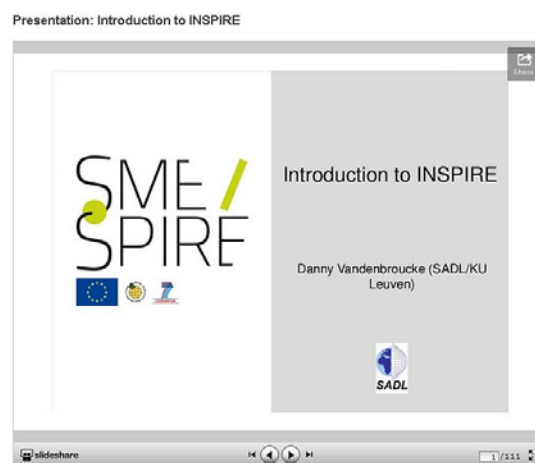
Log-in

3.3 Access to the Training Modules

- Click the full course description to have more information about the module or access the training content. Training resources are available as weblectures, slide presentations and text lectures.

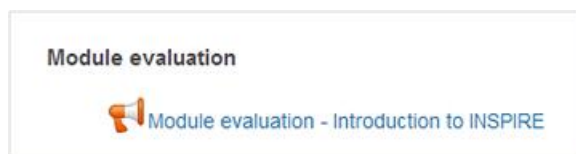


Example of training module



Example of training material

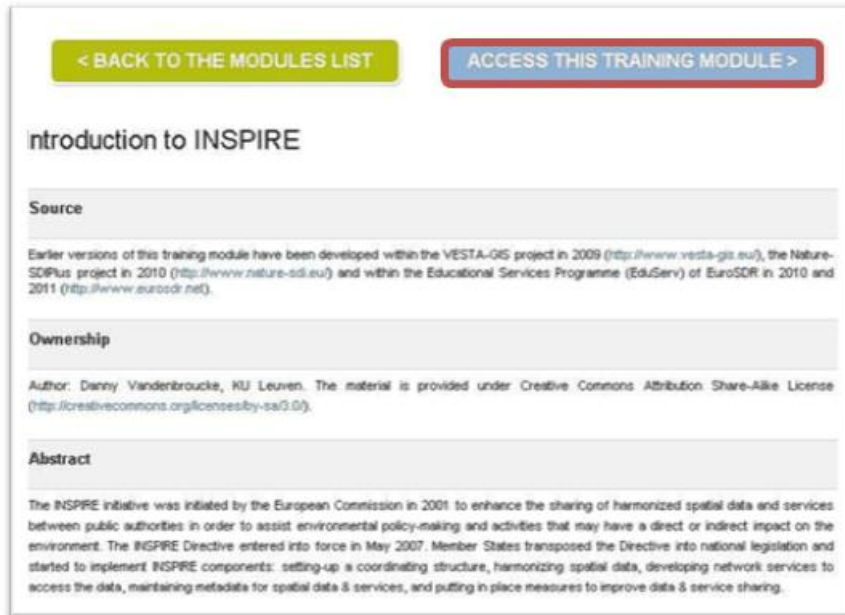
- After completing the training module do not forget to fill in the evaluation questionnaire



Module evaluation

3.4 Direct access to the Training Module

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



The screenshot shows a web interface for a training module. At the top, there are two buttons: a green button labeled '< BACK TO THE MODULES LIST' and a blue button labeled 'ACCESS THIS TRAINING MODULE >'. Below the buttons, the title 'Introduction to INSPIRE' is displayed. The page is divided into three sections: 'Source', 'Ownership', and 'Abstract'. The 'Source' section mentions the VESTA-GIS project (2009), the NatureSDPlus project (2010), and the Educational Services Programme (EduServ) of EuroSDR (2010 and 2011). The 'Ownership' section identifies the author as Danny Vandenbroucke from KU Leuven and states the material is under a Creative Commons Attribution Share-Alike License. The 'Abstract' section describes the INSPIRE initiative, its goals, and its components.

Modules direct access

3.5 User's manual

The user's manual is available for download from the "smeSpire Training Platform" section in the project website



www.smespire.eu

Training platform user's manual



Training Platform

Click "smeSpire training platform" to access the available training modules.



Training access

Training modules are available to the smeSpire Network members.



If you are already a member, click the "training access" button to enter the Elearning 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 was 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 Data Link 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 outline 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 harmonised 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 implemented the Directive through legislation and started to implement INSPIRE components, setting up a coordinating structure, harmonising 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 contents 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 2003/98/EC on the reuse of public sector information (PSI) and Directive 2003/98/EC on public access to environmental information. The training module consists of presentations, supporting documents and a bibliography. The module is a self-learning module.

[Full course description](#)

Access the training material:

Other presentations:

- [Presentation: Introduction to INSPIRE](#)
- [Workshop to INSPIRE for Dairy Value-chain \(SGL&L Leuven\)](#)
- [PDF version \(171 pages, 8.072KB\)](#)



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



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 NatureSDPlus project in 2010 (<http://www.nature-sd.eu/>) and within the Educational Services Programme (EduSER) of EuroSDR in 2010 and 2011 (<http://www.eurosdri.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.

