GeoSmartCity Training Framework Guide for Users

This document explains the structure of the GeoSmartCity Training Framework and the guidelines for its use.

Since the Training Framework consists of online applications, no installations are required at final user level.

Access to the courses

The access to the course material is possible via the GeoSmartCity homepage and the GISIG platform. Both variants are described in greater detail further ahead. All the modules are managed by Moodle, a free, online Learning Management system enabling educators to create their own private website filled with dynamic courses that extend learning, anytime, anywhere.

The following steps are required:

1. Go to the Training section of the GeoSmartCity website
   http://www.geosmartcity.eu/training/

2. Alternatively, go to the homepage of the GISIG e-learning platform http://www.gisig.eu/platform where different European projects are listed. Choose the GeoSmartCity project and access to the courses.

3. The available training modules are listed. The complete offer of training modules will be available and published as soon as the modules are available.

Project overview

GeoSmartCity has its main objective in creating a framework in which Geo Open Data from the cities are exploited towards the Smart City paradigm allowing the developing of various added value applications and new specialized services.

GeoSmartCity aims at developing at first such a virtuous framework and a line of activity supporting the European Cities in their Smart process. To be effective, GeoSmartCity will implement with various pilot applications two very important strategic scenarios for a Smart City: Green-Energy and Underground.
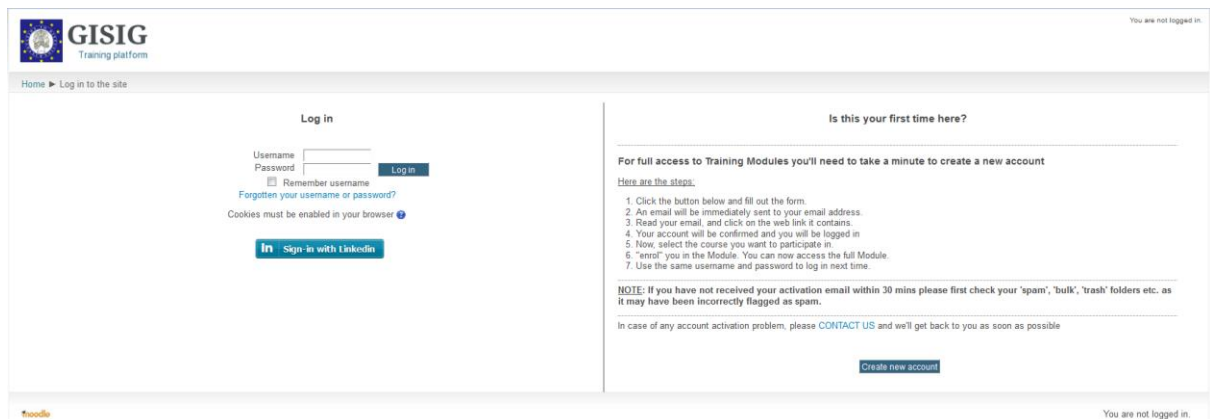
Visit the GeoSmartCity website

Access the training Modules below

- The GeoSmartCity Pilot Applications
- The GeoSmartCity Web and Mobile Clients
- The GeoSmartCity Data Models
- Introduction to INSPIRE
- Basic of INSPIRE Data Specification
- Basics of INSPIRE Network Services
- Data Harmonization
- Procedures for Data and Metadata Harmonization
- Example of Data Transformation
- Metadata and Data validation for INSPIRE
- Introduction to Linked Data
- GIS Introduction
- Data Visualization & Cartography
- Geo-Crowdsourcing: Open Street Map workflow
- Operation And Maintenance Of Underground Assets
- Urban Drainage And Sewerage
- Water Supply System
- The European Energy Policy Strategy
- Energy efficiency in buildings
- Water and wastewater pollution characterisation and sources
- General Aspects Of Waste Water Treatment Plant
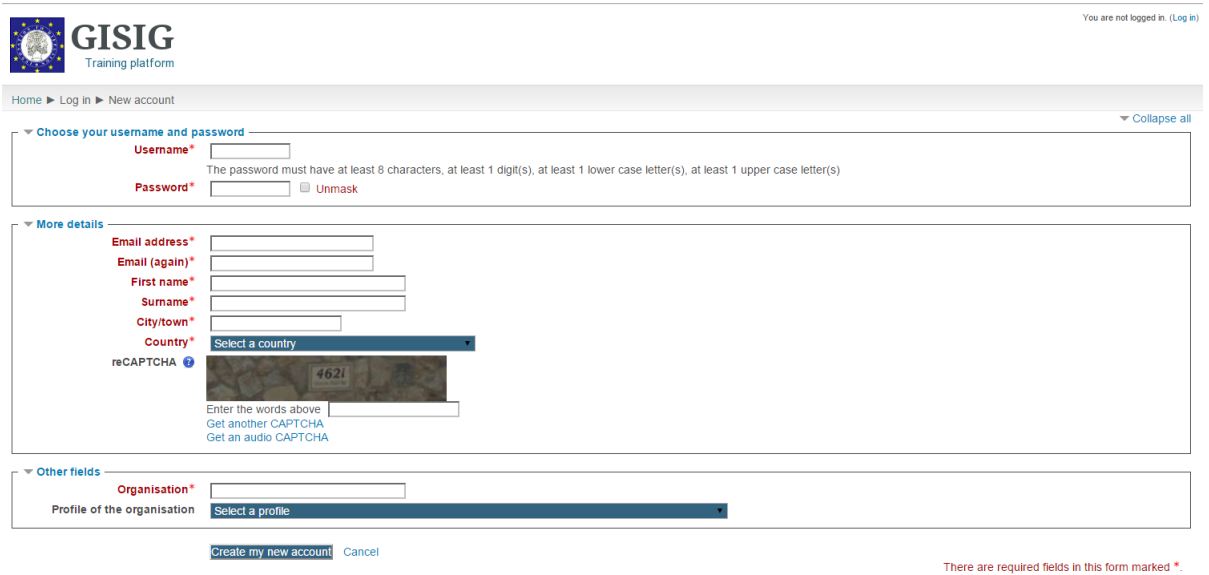- The Covenant of Mayors

4. Choose a module according to your preferences. In the following instructions we use the module "Introduction to INSPIRE" as an example.

   For full access to this training module you have to create a new account. The steps (1 to 7), required to access the Moodle environment, is described in detail on the right half of the screen.

5. By clicking on the button "Create my account" your personal information will be confirmed. An email will be immediately sent to your email address. Please save your username and password for additional registrations within the GeoSmartCity learning environment.

GISIG
Training platform

Home ► Log in ► New account

▼ Collapse all

Choose your username and password

Username* [   ]

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s)

Password* [   ] ☐ Unmask

More details

Email address* [   ]

Email (again)* [   ]

First name* [   ]

Surname* [   ]

City/town* [   ]

Country* [Select a country ▼]

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Enter the words above [   ]
Get another CAPTCHA
Get an audio CAPTCHA
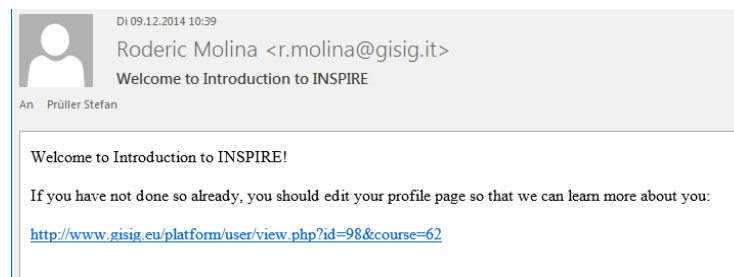
Other fields

Organisation* [   ]

Profile of the organisation [Select a profile ▼]

[Create my new account] Cancel

There are required fields in this form marked *.

6. Check your email inbox and click the link to reconfirm your entries. You will be logged in to the online platform.
7. Within the online platform you can choose now a module according to your preferences (in this case we use "Introduction to INSPIRE")
8. Enrolling for the course. Click the button "Enrol me" to confirm the registration.

9. Welcome to the course. A **confirmation mail** will be sent to you.

Di 09.12.2014 10:39

Roderic Molina <r.molina@gisig.it>

Welcome to Introduction to INSPIRE

An Prüller Stefan

Welcome to Introduction to INSPIRE!

If you have not done so already, you should edit your profile page so that we can learn more about you:

http://www.gisig.eu/platform/user/view.php?id=98&course=62

10. You are now enrolled for the course, e.g. „Introduction to INSPIRE"

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 2003/98/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:

The learning resources are sequenced into a learning path as follows.

Weblecture

📄 Introduction to INSPIRE

Author: Danny Vandenbroucke (SADL/KU Leuven)
Run time: 130 minutes

📄 Assignment

(optional)

📄 Supporting material

Self Test

📄 Self test

11. If you want to enrol for additional modules, you only have to repeat step 7 and 8.