

VESTA-GIS

Vocational Education and Sectoral Training network on GIS & GI application domains

www.vesta-gis.eu

LIFELONG LEARNING PROGRAMME 2007 - 2013
Leonardo Da Vinci Network

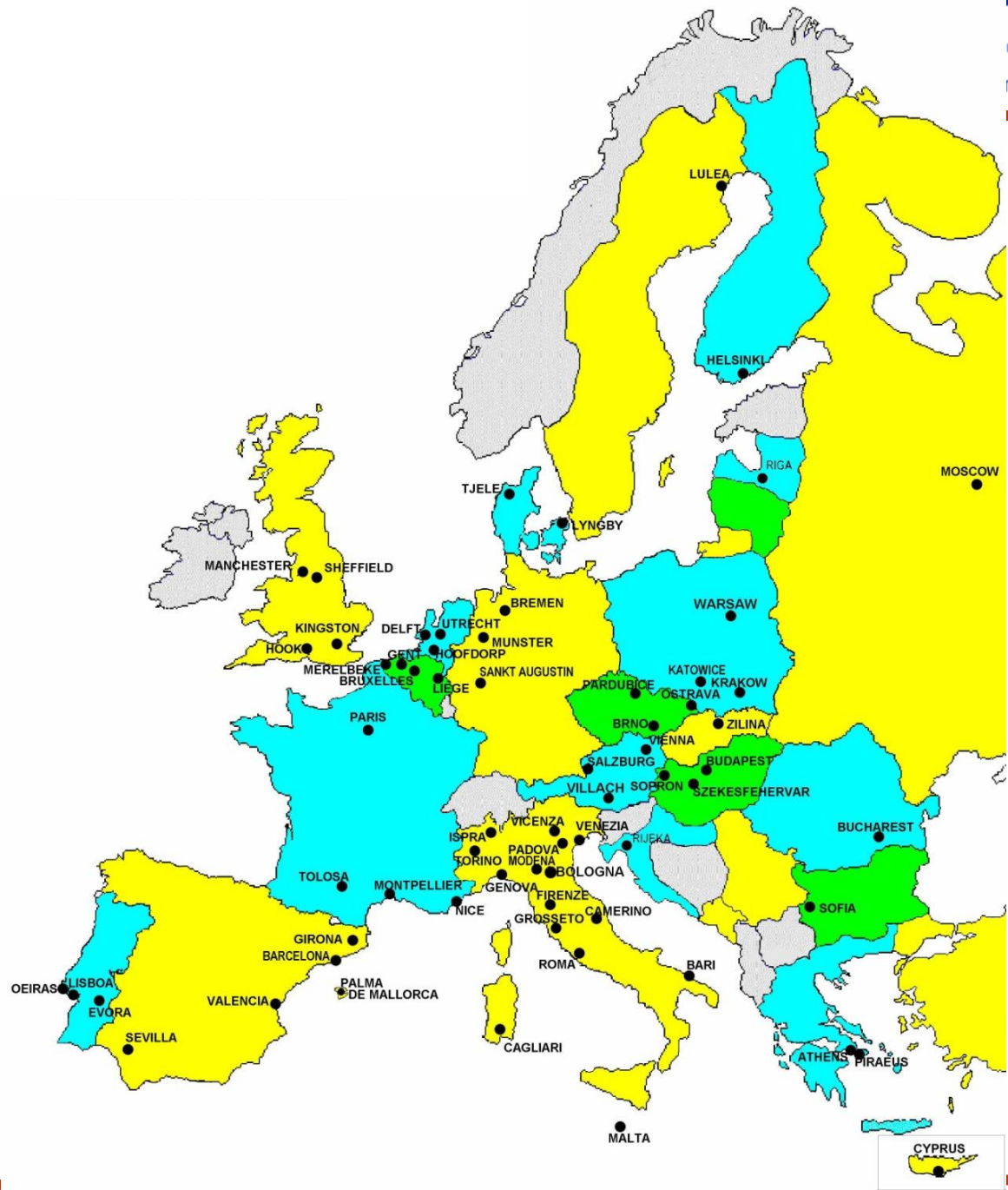
Duration: 01/11/2007 - 31/10/2010

GIS Ostrava, January 2010

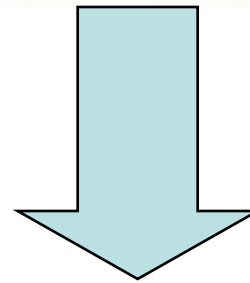
A Training
Network
promoted by the



Association



GISIG Activity Lines



Projects and **Thematic Networks** development

GISIG THEMATIC NETWORKS

Thematic Networks are promoted in order to create frameworks of common interest among the GISIG members and to establish linkages and partnership with various GIS applications domains, users groups and professional operators.

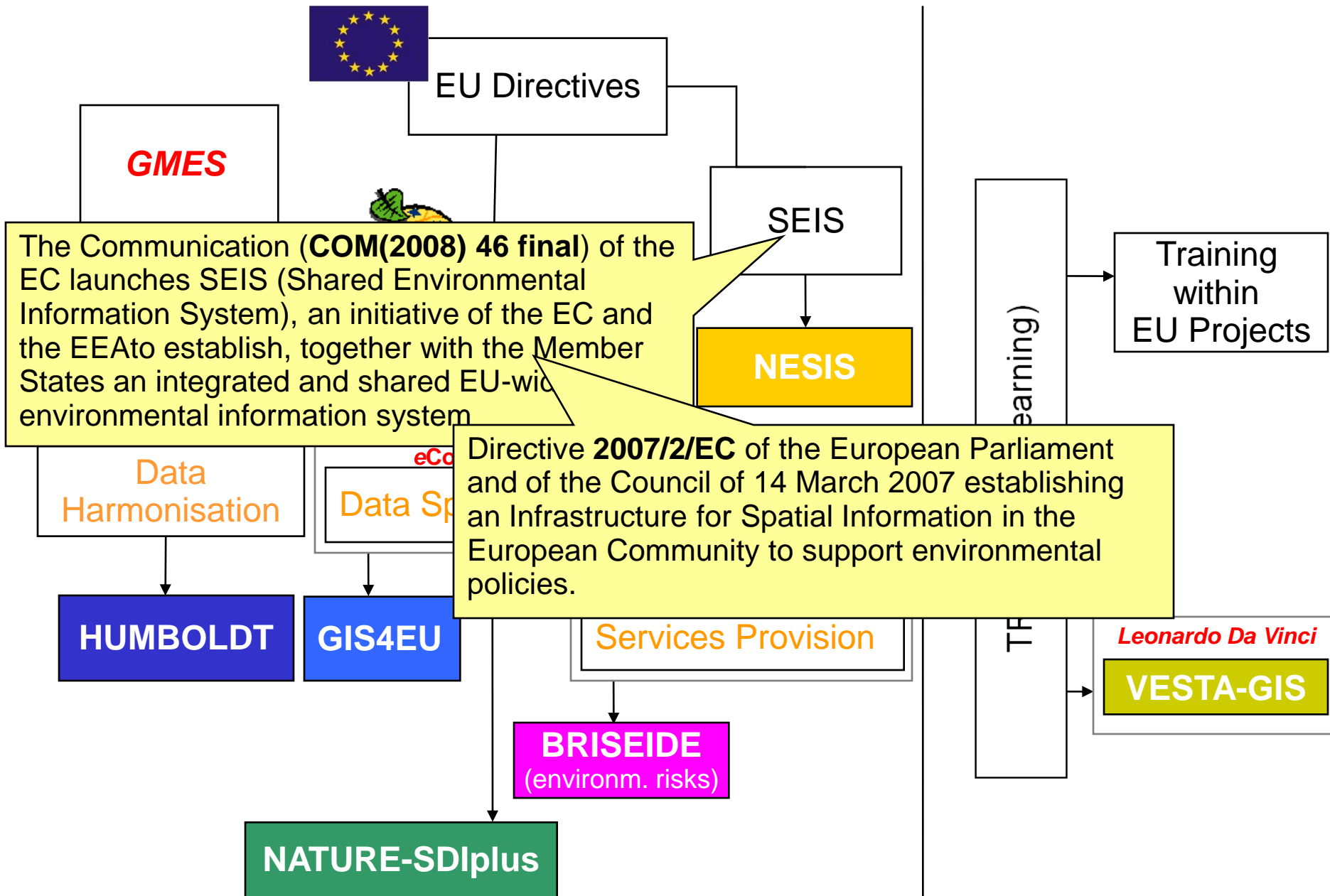
The following networks have been already started:

- **ICAM-GIS**
GIS for Integrated Coastal Area Management, jointly promoted by ICCOPS and GISIG
- **NATURE-GIS**
GIS for protected areas and nature conservation
- **WATER-GIS**
GIS for Water Environment, including also the Techware activity line

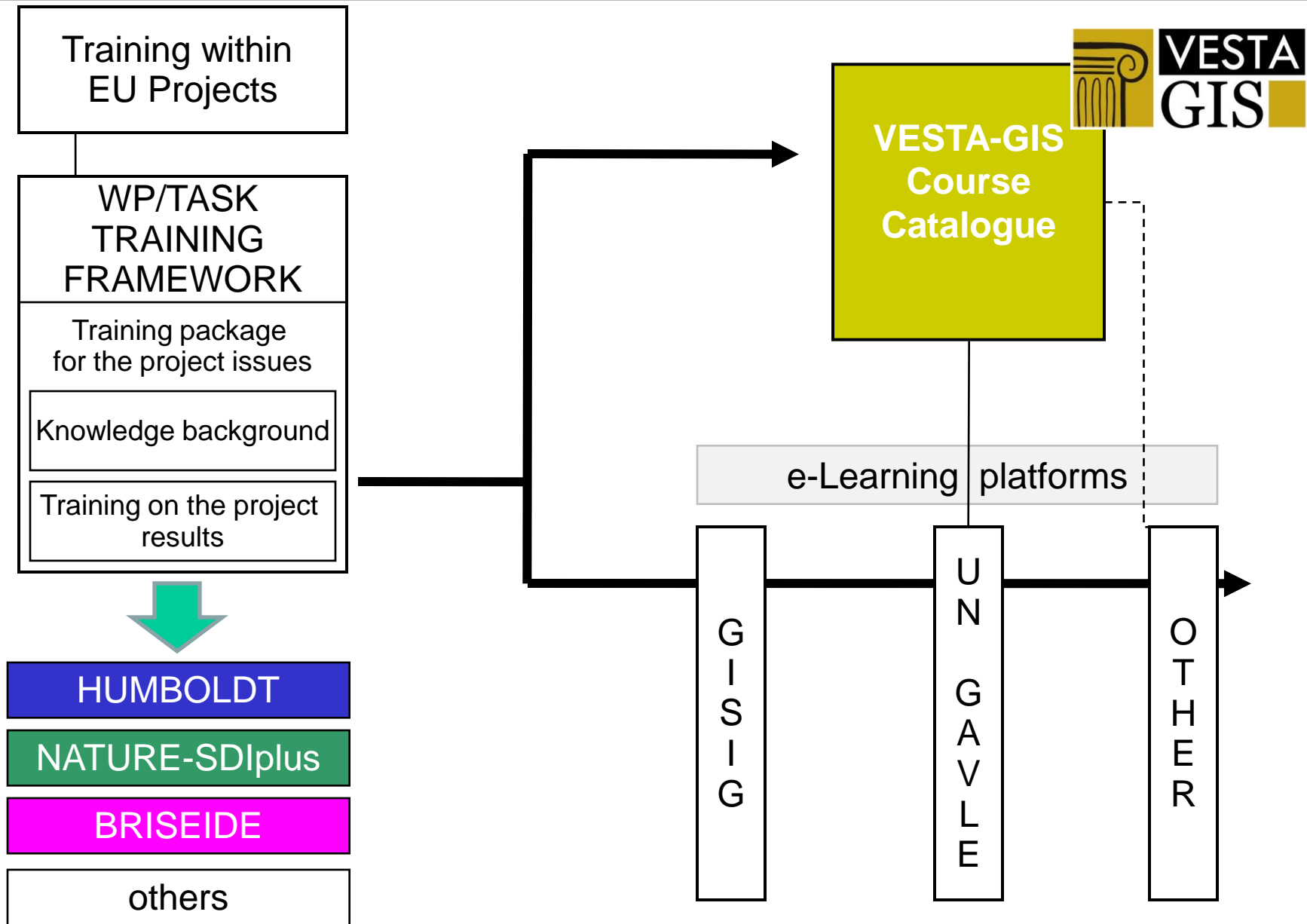
Training Needs

- Training is needed regarding the content and the topics subject of the new European Directives and policies, such as INSPIRE, SEIS, WFD, etc
- Training is also needed to support European project development
- Training is needed about the new technologies related to access and management of Geographical Information, more and more popular, with a European dimension
- In such a context, GISIG is developing a line of action able to integrate various experiences and offer to its Members and the GI Community different training opportunities, according to a flexible and “interoperable” schema

GISIG and EU Programmes/Initiatives - current trend



TRAINING (e-learning)



VESTA-GIS at a glance

The aim is:

- to pool knowledge in the GIS domain (technology, applications),
- to share experience and foster innovation in vocational training by bringing together experts, organisations and users of GI and its application domains, as well as
- to identify the trends and skills requirements in this area and to improve the anticipated benefit of vocational training initiatives.

VESTA-GIS structure

Three main pillars

- The **Training Framework**
- The **Mobility Framework**
- The **Network** (Leonardo Thematic Network)

Thematic sub-networks on:

- *(GI &) Water Resource Management*
- *(GI &) Natural Environment Protection*
- *(GI &) Coastal Management and Landscape*

VESTA-GIS activities

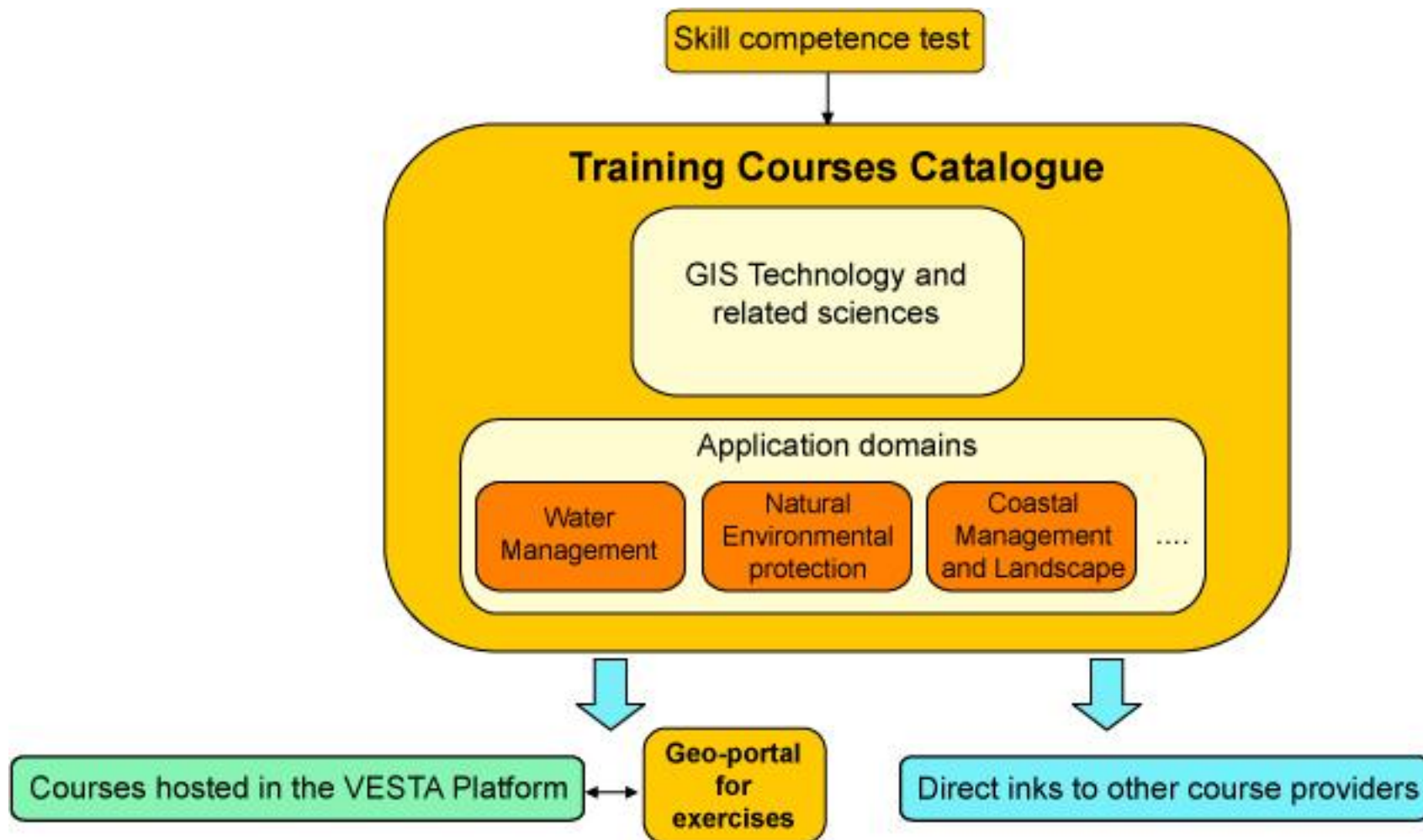
- Network Building and knowledge sharing
- Analysis of training course offer and demand
- Implementation of an e-learning platform
- Training course catalogue building.
- Promotion of people mobility
- Implementation of the VESTA-GIS Network & thematic sub-networks
- Exploitation and dissemination actions

VESTA-GIS target group

GI potential and actual users in the different EU Countries:

- **public Administrations officers**
- **environmental operators**
- **companies providing GI services**
- **fresh graduates** approaching the labour market
- **providers of GIS** training (both professional operators and GI experts and Academy)

VESTA-GIS Training Framework



VESTA-GIS Training Framework

- **Training Course metadata catalogue**
 - Links to courses organised or hosted by the partners
 - Courses hosted in the VESTA-GIS e-Learning platform
- **Dedicated e-Learning platform**
- **Dedicated Geoportal (in progress)**
- **Support tool for the creation of customised training paths (in progress)**

- Geovisualization and Geospatial Visual Analytics** - *Fraunhofer IAIS (DE)*
- Preparation to GIS certification** - *Test Center Sapienza University of Rome (IT)*
- UNIGIS professional** - *UNIGIS Salzburg - Zentrum für Geoinformatik Salzburg (AT)*
- GIS Introduction** - *Ulrich Boes, URSIT Ltd. (BG)*
- Metadata and metainformation systems in the context of INSPIRE** - *Technical University of Ostrava (CZ)*
- Global Positioning Systems** - *Technical University of Ostrava (CZ)*
- Spatial Data on Internet** - *Technical University of Ostrava (CZ)*
- Introduction to GMES** – *CNR-IREA (IT)*
- GMES Services** – *CNR-IREA (IT)*
- Metadata, concepts and standards** - *LABSITA/Sapienza (IT) and HUMBOLDT*
- SIGEO: Geographical Information Systems** – *ENEA (IT)* 
- Web Services** - *HUMBOLDT*
- Datamodelling & Dataconversion with FME** - *Runder Tisch GIS e.V (DE)* 
- INSPIRE Basics** - *Runder Tisch GIS e.V (DE)* 
- INSPIRE-GMES test-platform: INSPIRE compliant services & practical examples** - *Runder Tisch GIS e.V (DE)* 
- INSPIRE - Harmonization of data** - *Runder Tisch GIS e.V (DE)* 
- Google Maps & Microsoft Bing Maps in action** - *Runder Tisch GIS e.V (DE)* 
- Oracle Maps** - *Runder Tisch GIS e.V (DE)* 
- Web services for developers** - *Runder Tisch GIS e.V (DE)* 
- Web services for developers - Advanced training course** - *Runder Tisch GIS e.V (DE)* 
- Introduction to spatial statistics for GIS user** - *Runder Tisch GIS e.V (DE)* 
- City GML - Linking 3D city models with facility management** - *Runder Tisch GIS e.V (DE)* 
- Geoinformatics** - *University of West Hungary (HU)*
- How to understand INSPIRE?** - *Spatial Applications Division Leuven (BE)*
- Introductory Seminar on INSPIRE** - *Spatial Applications Division Leuven (BE)*

25 Courses

Water Resources Management, Natural Environment Protection, Coastal Management and Landscape

Practical GIS application for development of Ecological Atlas, Systems of River Basin Management, Waste Management - *Ukrainian Scientific and Research Institute of Ecological Problems (UA) (Basic and intermediate course)*

Low Cost Wastewater Treatment - *Gembloux Agricultural University (BE)*

Use of SDI for protected areas - *GI-Indeed Consortium*

Use of SDI for coastal areas - *GI-Indeed Consortium*

Indicators for Coastal Management - *ICCOPS (IT)* 

FOSS4G for sharing and processing of spatial data for land evaluation and land use planning - *Spatial Applications Division Leuven (BE)*

Workshop WMS & WFS - *Spatial Applications Division Leuven (BE)*

16 Courses

Other Application Domains

Project management in GI projects - *Institute for Geoinformatics, University of Münster (DE)*

Statistical maps and map composition for labour market - *Technical University of Ostrava (CZ)*

Analysis and predictions of labour market indicators - *Technical University of Ostrava (CZ)*

Transport accessibility - *Technical University of Ostrava (CZ)*

Land Administration Management - *University of West Hungary (HU)*

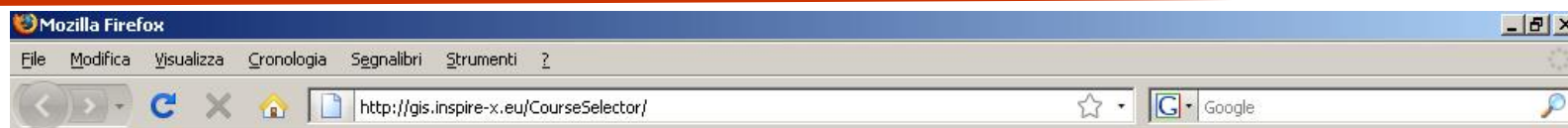
Semantic Web Tutorial - *Fraunhofer Institute for Computer Graphics (DE)*

Engineering surveying - *University of West Hungary (HU)*

Real estate law - *University of West Hungary (HU)*

Real Estate Management - *University of West Hungary (HU)*

Soil mapping - *University of West Hungary (HU)*



Accesso

Search
VESTA-GIS

Cerca

Ricerca Avanzata

Cofinanziato da:



Education and Culture DG
Lifelong Learning Programme

Education
and
Training

VESTA-GIS, 2008 VESTA-GIS Consortium



Vocational Education and Sectoral Training network on GIS & GI Application domains
LLP - Leonardo da Vinci Network No. 2007-1989

English 

[Home](#)

[Search](#) [Clear](#)

COURSE TITLE	ONE LINE COURSE PROFILE
GIS	Basic elements of cartography, geodesy, GIS technology, spatial databases, GIS and its use
Practical GIS application for development of Ecological Atlas, Systems of River Basin Management, Waste Management	Practical training in GIS application for various tasks
Preparation to GIS certification - endorsed by ECDL Foundation	
UNIGIS professional	UNIGIS professional is designed to develop or improve application-oriented GI-skills and provide an understanding of GIS. The course also targets those already engaged in GIS related jobs and/or have some background in a spatial discipline. UNIGIS professional is an in-service online distance learning course leading to a professional diploma certificate by Salzburg University. The programme is designed to be completed in one year (18 Months max) with a weekly workload of minimum 12-15 hours. The curriculum includes seven compulsory modules and a choice of elective subjects or project work. The compulsory part covers acquisition, modelling, and visualisation of geodata; spatial analysis; geoDBMS and application software development.

Search by title word

Search by description word

Download register course template
[vesta_gis_metadata_English_comparato.xls](#)

Print Course - Mozilla Firefox
http://gis.inspire-x.se/CourseSelector/CourseReportView.aspx?course_id=87

Page 1 of 7 Pdf

COURSE TITLE Use of SDI for protected areas
Course ID 87
Provider Name GI-Indeed Consortium

Basic information to input the catalog
LANGUAGE OF TEACHING English

SUBJECT AREA of VESTA-GIS project

- GIS technology & related sciences.
- GI for Water Resource Management.
- GI for Natural Environment Protection.
- GI in Coastal Management & Landscape.
- Other

COURSE WORKLOAD 100
COURSE DURATION 30 Days

COURSE LEVEL

- Basic
- Intermediate
- Specialized

Basic A general introduction to the subject matter and to the technical domain. Basic knowledge or prerequisites required.

Intermediate Natural continuation of the basic course. The knowledge of these subject matters and techniques developed and covered more deeply.

Specialized Concentrated in specific items, providing in-depth information and the related applications.

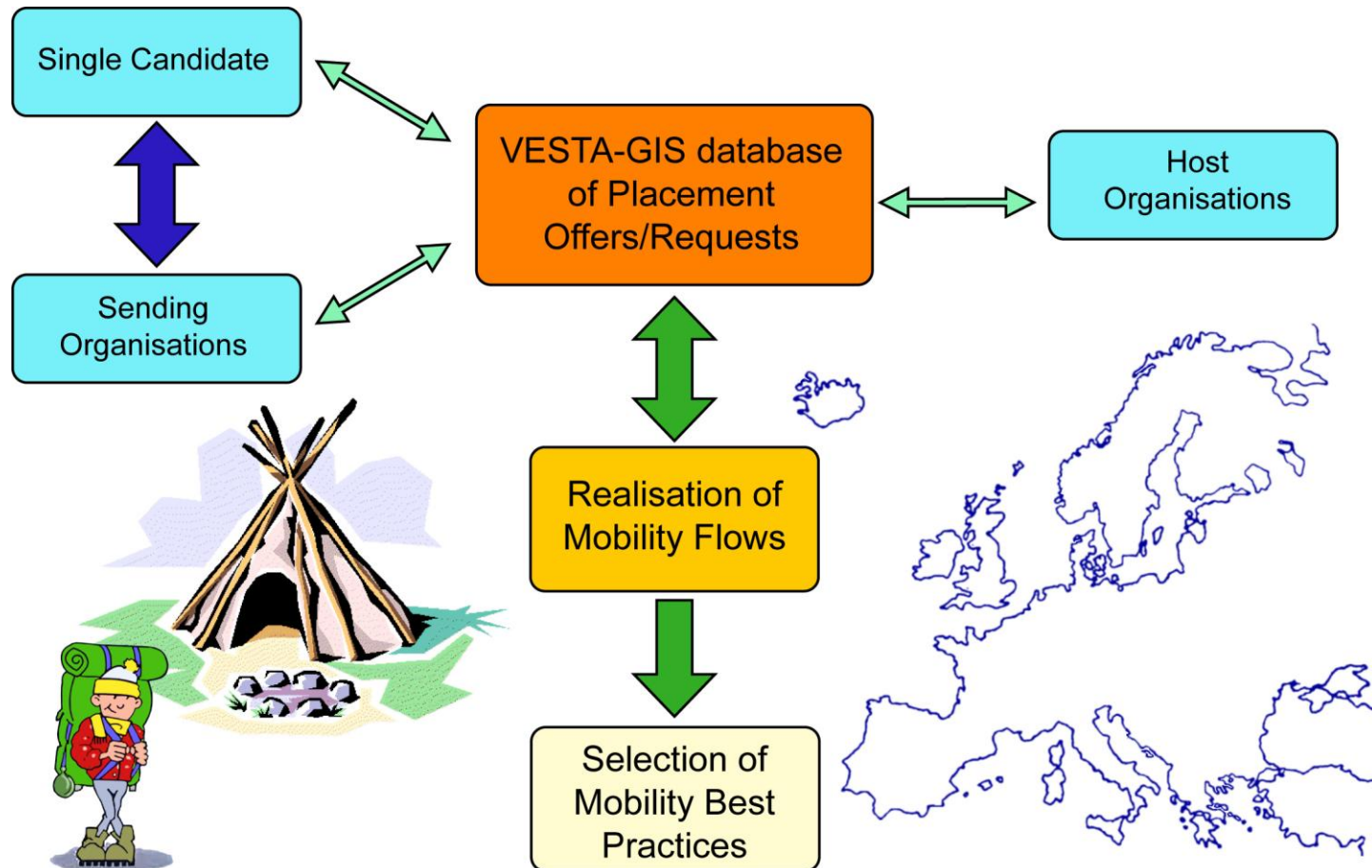
COURSE DELIVERY FORMAT

- Face-to-face

Completao

Printable version of the complete profile of the selected courses


VESTA-GIS Mobility Framework



VESTA-GIS Mobility Framework

- **Vademecum for the VESTA- GIS Mobilities**
- **On-line database for:**
 - **collecting placement offers**
 - **collecting and organising candidates' CVs**
 - **matching placement offers-demand**
- **Mobility Best practices handbook (at the project's end)**

search...



Vocational Education and Sectoral Training network on GIS & GI Application domains
LLP - Leonardo da Vinci Network No. 2007-1989

[Home](#) → [Send your CV](#) Monday, 20 July 2009

- Training Framework menu**
- [Course Catalogue \(Pilot version\)](#)
- Candidate Mobility menu**
- [Candidate Guide](#)
- [Placements](#)
- [Search a placement offer](#)
- [Send your CV](#)
- [Home](#)
- [About the Project](#)
- [Rationale and Background](#)
- [Aims and Objectives](#)
- [Target groups](#)
- [Training Framework](#)
- [Mobility Framework](#)
- [Partners](#)
- [Promotional material](#)
- [Proceedings](#)
- [News](#)
- [Events](#)
- [Links](#)
- [Contact Us](#)

[Lifelong Learning Programme](#) [News](#) [Events](#) [Contact Us](#)

Form to upload candidate CVs

First Name ★
Last Name ★
Email ★
Age range ★
Country ★
Field of competence
Field of interest
Highest education level ★
Languages

Download the

- Training Framework menu**
- Course Catalogue (Pilot version)
- Candidate Mobility menu**
- Candidate Guide
- Placements**
- Search a placement offer
- Send your CV
- Home
- About the Project
- Rationale and Background
- Aims and Objectives
- Target groups
- Training Framework
- Mobility Framework
- Partners
- Promotional material
- Proceedings
- News
- Events
- Links
- Contact Us

ENTER PLACEMENT OFFER INFORMATION

Offer title i.e. "GIS Application Developer"

Country

Description

Qualifications

Compensation Range (if any)

Show compensation?

Preferred candidate with a grant (Erasmus, Leonardo, other)
 Yes
 No

Other facilities provided in kind
 Yes
 No

If Yes describe (ie accomodation, public transport...)

Form to upload placement offers

>  [Download the adhesion form and become a member for free!](#)

The VESTA-GIS Network

- **The Partnership**
 - Coordinator and Core Members
 - Associated members
- **The Thematic sub-networks**

The VESTA-GIS Partners:

- **7 Core Partners**
- **More than 70 Associated Partners from 21 European Countries, including:**
 - 36 Universities (including, from CZ, TU Ostrava and Masaryk)
 - 14 Research Bodies
 - 15 Public Administrations and International Organisations (including, from CZ, VUGTK)
 - 11 Private Companies and Associations

VESTA-GIS is an OPEN NETWORK!

All the organisations interested to share their experience are welcome

Associated partners benefit (and role)

- Promotion of their own training offer
- Possibility to access the VESTA-GIS Training Catalogue and Training Courses
- Share training experiences
- Improve training offer

Partnership for new training initiatives

- Hosting placements (mainly enterprises, but not only)
- Sending placements (mainly Universities, but not only)

VESTA-GIS web site



search...

VESTA GIS Vocational Education and Sectoral Training
Network of GIS & GI Application domains
LEONARDO - Leonardo da Vinci Network No. 2007-1989

Home Tuesday, 29 April 2008

[Home](#)
[Lifelong Learning Programme](#)
[News](#)
[Contact Us](#)

Important announcement

✦ Survey on Training Requirements and Training Offering: Call for contribution

WELCOME TO VESTA-GIS

The VESTA-GIS Network intends to set up a favourable context for enhancing professional skills at European level in the changing labour market consequent to the always increasing importance of GI in the new European dimension, that dramatically changes the way of working of the GI experts, GI operators, end-users, educators, developers etc.

VESTA-GIS is committed both to improve the skills existing on the market (offering a comprehensive tool for training people in GIS technology, related sciences, application fields) and to promote mobility of people. As a matter of fact the technical tools to do that already exist, but they need to be properly offered to a vocational training context, where technological innovation is welcome provided that it really facilitates the work and does not impose to privilege the tools upon the pursued solutions.

Registered users area

Username

Password

Remember me

Login

Lost Password?

Latest News

- ✦ UNESCO Pilot course on Transboundary Groundwater Management
- ✦ Survey on Training Requirements and Training Offering
- ✦ VESTA-GIS Workshop (July 1st, 2008)
- ✦ International Master in Information Systems (IMIS)

Latest Events





VESTA-GIS newsletter



Vocational Education and Sectoral Training network on GIS & GI Application domains

LLP - Leonardo da Vinci Network No. 2007-1089

URL: www.vesta-gis.eu

VESTA-GIS NEWSLETTER no. 4 (3/2009)

In this newsletter

This newsletter is dedicated to present the VESTA-GIS Training Courses Catalogue. After a first test phase, now, this facility is set up and it is going to be operational with a first set of training courses. It is an important tool both for training providers, that have an opportunity of free advertisement at the European level, and for people searching for specific training, that can have a panorama of the available courses.

The metadata of about twenty courses have already been submitted by VESTA-GIS Associated Members and they have been used to test and tune the catalogue.

Some pieces of information are also provided about the features of the VESTA-GIS Catalogue, specifically about its searching facilities and the procedure to follow for uploading training courses. Moreover, the multilanguage features, thought to facilitate the use of the catalogue and the access to professional training also by not English-speaking persons are presented.

The many courses are included, the more efficient and useful it is, so all VESTA-GIS Members as well as those organisations interested in providing training in the field of GI and related applications are invited to contact the VESTA-GIS Coordinator and to submit the metadata of the courses they wish to promote.

Contents

The Training Modules Catalogue	Page 2
Courses already uploaded in the catalogue	Page 3
- GI - Technologies	Page 3
- VESTA-GIS Application Fields	Page 4
- Other GI application fields	Page 5
Participation in the VESTA-GIS Training Framework	Page 6
- How to enter the catalogue facilities	Page 6
- How to look for courses	Page 6
- Courses other than in English	Page 7
- The role of the VESTA-GIS Consortium	Page 7
About VESTA-GIS	Page 8
News and Events	Page 8
Contacts	Page 8

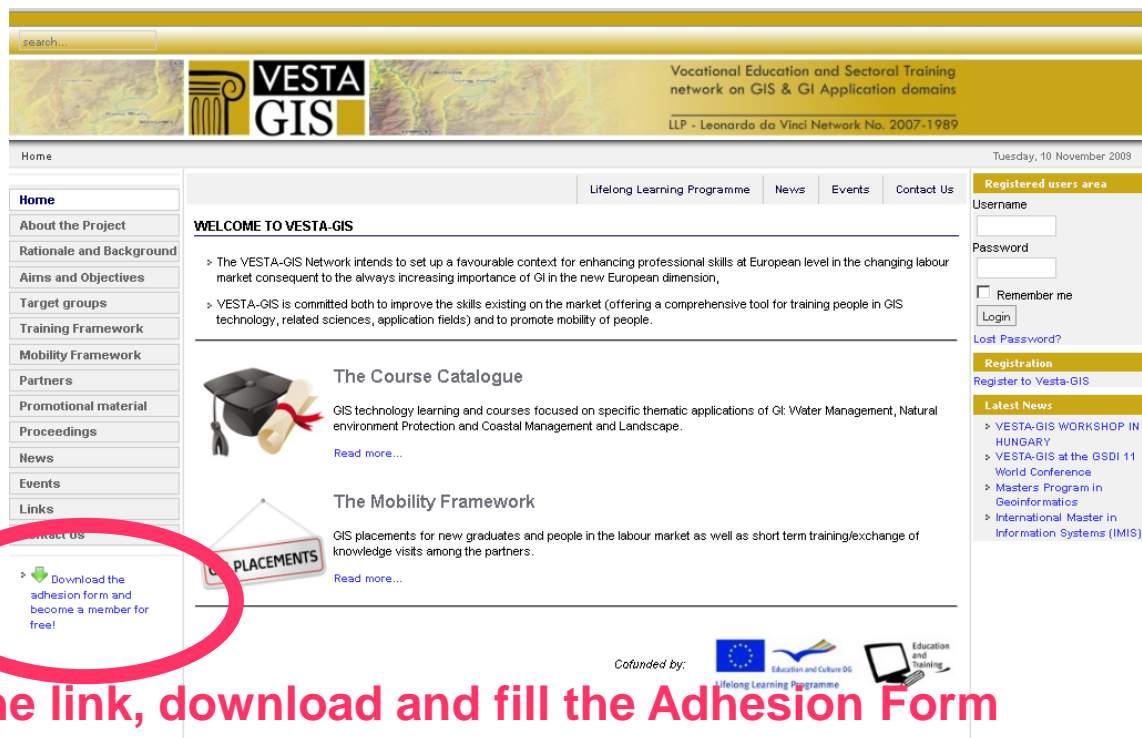


VESTA-GIS Newsletter is a four-monthly, free-of-charge, electronic publication published by the VESTA-GIS Consortium. Neither the editor nor any person acting on its behalf is responsible for the use which might be made of the reported information.

All the Newsletter issues (#1 to #5) are downloadable from the VESTA-GIS web site

To become VESTA-GIS Associated Partner

www.vesta-gis.eu



The screenshot shows the VESTA-GIS website homepage. At the top, there is a search bar and a navigation menu with links for Home, Lifelong Learning Programme, News, Events, and Contact Us. The main content area features a 'WELCOME TO VESTA-GIS' section with introductory text and two featured articles: 'The Course Catalogue' and 'The Mobility Framework'. A sidebar on the left contains a list of navigation links, with the 'Contact Us' link circled in red. Below the 'Contact Us' link, there is a link that says 'Download the adhesion form and become a member for free!'. On the right side, there is a 'Registered users area' with fields for Username and Password, and a 'Registration' section with a 'Register to Vesta-GIS' link. The footer includes logos for the European Union and Education and Culture DG, and the text 'Cofunded by: Lifelong Learning Programme'.

Click on the link, download and fill the Adhesion Form

*Many thanks
for your attention!!!*

office@vesta-gis.eu