Introduction of the ‘SDI-EDU for regional and urban planning’ project

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Agenda

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Leonardo da Vinci

• Project **SDI-EDU FOR REGIONAL AND URBAN PLANNING** (SDI-EDU) was accepted by European Commission within the framework of the Leonardo da Vinci – Multilateral projects / **Transfer of Innovations** program.

• Multilateral projects/Transfer of Innovations:

  • The aim is to improve the quality of the European Vocational Education and Training system by adapting and integrating innovative content or results from previous Leonardo da Vinci or other innovative projects into public and/or private vocational training systems and companies
Basic facts about the project

• Start: 1st October 2009

• Duration: 24 months (October 2009 – September 2011)

• Consortium: 10 partners (6 European countries)

• Project coordinator: University of West Bohemia (Czech Republic)
Consortium

• **10 partners** from **6 european countries**:  
  - University of West Bohemia (CZ)  
  - Help Service Remote Sensing (CZ)  
  - Czech Association for Geoinformation (CZ)  
  - Institute of Mathematics and Computer Science of the University of Latvia (Latvia)  
  - Learning Projects (Latvia)  
  - E-N (Overseas Networks) Ltd. (Greek)  
  - Siauliai Region Development Agency (Lithuania)  
  - Euro Perspectives Foundation (Bulgaria)  
  - Municipality of Nizza di Sicili (Italy)  
  - STEPIM (Italy)
Aims

• The SDI-EDU project aims to transfer former experience from EU research projects dealing with education in SDI and spatial planning like Humboldt and Naturnet Redime towards planners in European Regions and municipalities.

• The SDI-EDU project will use innovative educational methods coming from the Naturnet Redime project which combine methods of distance vocational training, e-learning and knowledge sharing. This funcionality allows transfer the experience and will teach how to deal with SDI for spatial planning for real users.
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SDI-EDU for regional and urban planning
WP1 – Analysis of user needs and requirements

• WP Leader: University of West Bohemia (CZ)
• Start: October 2009
• End: February 2010

• This work package identified the state of-the-art in the provision of information & education on SDI and INSPIRE for spatial planning purposes implementation in Europe and in project regions and defined the principal components of a future SDI-EDU system.
WP2 – Training environment design and implementation

• WP Leader: Institute of Mathematics and Computer Science of the University of Latvia (LV)
• Start: February 2010
• End: July 2010

• The tools used for training will be focused on computer assisted EDUCATION combining theoretical and practical training in combination with other tools like URM management and WIKI, the users will have accessible standard SDI tools, which will be integrated into the training platform.
WP3 – Curriculum preparing

• WP Leader: Czech Association for Geoinformation (CZ)
• Start: February 2010
• End: December 2010

• The main objective of this WP is to create learning materials to teach about SDI using Computer Assisted Educational Processes (CAEP) tools and Uniform Resource Management (URM).
WP4 – Practical training and validation of platform

- WP Leader: Apmacibu Projekti (LV)
- Start: February 2010
- End: September 2011

- Practical training will be provided with selected user groups of specialist dealing with spatial planning (public servant, architects, spatial planners and other stakeholders).
- Training will be realised in cooperation with other projects and will support utilisation of all tools of SDI-EDU, but also tools from other projects.
WP5 - Dissemination

• WP Leader: University of West Bohemia (CZ)
• Start: October 2009
• End: September 2011

• The objectives for dissemination are:
  • a detailed dissemination plan – it was produced and agreed by the Consortium at the project outset. There are specified dissemination activities and channels (media, workshops, conferences, etc), target levels of uptake, performance, as well as results in terms of exposure level (e.g. articles), response (enquiries), and uptake (participants).
  • to identify appropriate marketing and communication tools to address the target group.
WP6 - Exploitation

• WP Leader: Help Service for Remote Sensing (CZ)
• Start: February 2010
• End: September 2011

• SDI-EDU will help to identify exploitation opportunities for results from member projects.
• The complete team will have greater opportunity, knowledge and more contacts than each individual member.
• This will not only provide for dissemination of current research results, it will also enable recognition of opportunities for research cooperation in the future.
WP7 - Management

• WP Leader: University of West Bohemia (CZ)
• Start: October 2009
• End: September 2011

• Administrative and financial coordination
• Monitoring and Reporting of activities
• Efficient decision making
• Conflict resolution
• Technical coordination
• etc.
State of the art

• WP1 already done:
  • Implementation of project’s website (http://sdi-edu.zcu.cz)
  • Collecting of user requirements:
    • Seven workshops
    • Online questionnaire
    • Handbook of requirements on learning environment

• WP2, WP3 and WP4 are currently running

• Up-to-date issue: to define the Curriculum
Workshops for collection of user requirements

- Seven regional workshops for presentation of the SDI-EDU project and collection of user requirements

- These workshops were organised in four steps:
  - Building initial scenarios for stimulating demands based on previous projects of partners
  - Vision building workshop
  - Testing of initial scenario
  - User requirements collection
The questionnaire was carried out in the framework of the SDI-EDU project (http://sdi-edu.zcu.cz) as a basis for user requirements analysis and evaluation of existing projects.

The questionnaire was addressed mainly to the stakeholders interested in training activities of the SDI-EDU project.
Questionnaire for collection of user requirements - 2

• Potential topics for education:
  • Political consequences of INSPIRE on both local and regional level (in relation to spatial planning)
  • INSPIRE requirements on local and regional level from the technological point of view
  • The examples of solutions for SDI building (commercial x open source)
  • INSPIRE, Metadata & spatial planning
  • INSPIRE, Spatial data & spatial planning
  • INSPIRE Networking architecture
  • Intellectual property rights & Spatial data infrastructures
  • Monitoring obligation
  + Practical examples (how to)
Questionnaire - results

- 120 respondents from 7 European countries (BG, CZ, GE, GR, IT, LT, LV)

- Political consequences of INSPIRE on local and regional level (in relation to spatial planning)
- INSPIRE requirements on local and regional level on the side of technology implementation
- The examples of solutions for SDI building (commercial platform, Open Source)
- Metadata
- Spatial data
- INSPIRE networking architecture
- Intellectual Protection Rights and Spatial Data Infrastructure
- Monitoring obligation
BizBiz tool - 1

• BizBiz is a presentation tool and e-learning tool which provides:
  – Video tutoring
  – Synchronized slide presentation
  – Web page demonstration
  – Whiteboard
  – Chat and other functionality
• Available at: http://bizbiz.moo0.com
BizBiz tool - 2

Presentation tool

Search for a lecture

Advanced search Clear filter parameters

Authorization

Username
Password
Enter

Channels:

SDI-EDU
Test

Upcoming lectures

Czech - Metadata
Date: 18.06.10 14:10 Author: SDI-EDU

Categories

INSPIRE ISO 19115/TC 211
Farming
Transportation
Structure
Society
Planning Cadastre
Oceans
SDI-EDU website

• **http://sdi-edu.zcu.cz**

• Public & Internal parts

• Public:
  – General information about the project and partners
  – Deliverables
  – Dissemination (conference papers, TV, Press releases)

• Internal:
  – Work packages
  – Library
  – Application form
  – ...etc.
  – *For access to an internal part write email on: kjanecka@kma.zcu.cz*
Thank you for your attention!

http://sdi-edu.zcu.cz

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