GIS4EU: Provision of interoperable datasets to open GI to the EU communities

Interoperable and accessible base cartography datasets (administration units, hydrography, transportation networks and elevation themes) for Europe according to standards and INSPIRE directive require

In Europe the situation on spatial information is characterised by a lack of harmonisation between datasets at different geographical scales, fragmentized datasets and sources, gaps in availability and duplication of information collection.

The GIS4EU project aims to provide base cartography datasets (administration units, hydrography, transportation networks and elevation themes) for Europe, and to ensure its cross-scale, cross language and cross-border interoperability and accessibility according to standards and INSPIRE directive requirements.

The approach of the project aims to develop a common data model, harmonisation, aggregation and data exposition rules and guidelines in order to enable access to consistent and homogenous reference data provided by cartographic authorities from different countries and levels (national, regional and local) without building one central database and service.

During the process an operational validation of INSPIRE standards and implementation rules will be performed in order to provide input in to it and validate the general rules.

Guidelines and procedures will be developed by applying examples onto a sample of data, and a GIS4EU portal will be built and launched during the running of the project.

Thereby, after the full implementation of the project, there will be a significant and noticeable progress in the accessibility, usability and exploitation of reference data through Europe.

Project ID card

- Funded under: eContentplus Programme
- Area: 3.1 - Targeted projects for geographic information
- Total cost: €4.20m
- EU contribution: €2.10m
- Project reference: ECP-2006-GEO-310011
- Execution: From 01/11/2007 to 31/07/2010
- Project status: Closed
- Contract type: eContentplus Programme TP Targeted Project

Links

- GIS4EU portal
- GIS4EU repository

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Participating partners:

Organisation	Country
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INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON	FRANCE
INTERGRAPH SG&I DEUTSCHLAND GMBH	GERMANY
FOLDMERESI ES TAVERZEKELESI INTEZET	HUNGARY
UNIVERSITA IUAV DI VENEZIA	ITALY
UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA	ITALY
REGIONE PIEMONTE.	ITALY
REGIONE LIGURIA	ITALY

REGIONE DEL VENETO	ITALY
INSIEL - INFORMATICA PER IL SISTEMA DEGLI ENTI LOCALI S.P.A.	ITALY
GISIG GEOGRAPHICAL INFORMATION SYSTEMS INTERNATIONAL GROUP ASSOCIAZIONE	ITALY
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COMUNE DI GENOVA	ITALY
LODZKIE*WOJEWODZTWO	POLAND
INTERGRAPH POLSKA SP.Z O.O.	POLAND
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UNIVERSITAT DE GIRONA	SPAIN
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