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Jornadas Ibéricas de Infraestructuras de Datos Espaciales -JIIDE 2011

Información del resumen

Título	EuroGeoSource: sharing data and services on energy and mineral resources in Europe following INSPIRE
Temas	11. Experiencias IDE de otros países.
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Resumen

EuroGeoSource (“EU Information and Policy Support System for Sustainable Supply of Europe with Energy and Mineral Resources” is a project funded by the European Commission (7FP, ICT Policy Support Programme, Theme 6 – Public Sector Information CIP-ICT-PSP-2009-3) that is being developed by a consortium coordinated by the Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek – TNO, and currently also integrated by:

Geological Survey of Slovenia (Geoloski Zavod Slovenije, GeoZS)

Ministry of Economy, Energy and Tourism (MEET), Bulgaria

Geological Institute of Romania (Institutul Geologic al Romaniei, IGR)

Polish Geological Institute (Panstwowy Instytut Geologiczny, Panstwowy Instytut Badawczy, PGI)

Geological Survey of Estonia (Eesti Geoloogiakeskus oü, EGK)

Geological Institute of Hungary (Magyar Allami Foldtani Intezet, MAFI)

Royal Belgian Institute of Natural Sciences (Institut Royal Des Sciences Naturelles de Belgique, RBINS)

Geology and Energy National Laboratory of Portugal (Laboratorio Nacional de Energia e Geologia I.P., LNEG)

Geological, Seismic and Soil Survey of Emilia-Romagna Region, Italy (Servizio Geologico Sismico e dei Suoli, SGSS)

Universidad de Zaragoza, Spain (UNIZAR)

Geodan Software Development & Technology G. V., The Netherlands (Geodan)

GeoSpatiumLab S.L., Spain (GSL)

The Geological Survey of Denmark and Greenland (GEUS).

The project is developing the EuroGeoSource web GIS system, that will incorporate a number of spatial data services following OGC and INSPIRE specifications. The system will allow users to identify, access, use and reuse in an interoperable and seamless

way, and for a variety of uses, aggregated geographical information on energy and mineral resources, covering a significant part of Europe and coming from a wide range of sources, from local to European level.

The system will have a software architecture based on distributed OGC and INSPIRE compliant web services that will be serving data coming from different sources and providers. The web services will be running on hardware infrastructures located in the participating countries.

The EuroGeoSource project is currently on schedule. A data model for energy and mineral resources, agreed upon by the partners and compatible with the INSPIRE data models, is almost finished. The system implementation has already started, and there is a prototype to test ideas, request inputs and comments and to show some results. One of the main objectives of the project is to keep it working after the end of the funding. To achieve this objective, it will be necessary to work in the dissemination of information about EuroGeoSource. Dissemination activities (web portal, flyers, public presentations, public workshops etc.) are intended to encourage other geo-energy and mining companies and governmental agencies to take advantage of the EuroGeoSource portal for the dissemination of their data.