

EuroGeoSource: sharing data and services on energy and mineral resources in Europe following INSPIRE

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Agenda

- EuroGeoSource
- Consortium
- Objectives
- Software
- Web Portal
- Internet Policy Support System
- Current Status – Prototype
- Public Workshops
- Conclusions



EuroGeoSource

- “EU Information and Policy Support System for Sustainable Supply of Europe with Energy and Mineral Resources”
- Project funded by the European Commission (7FP, ICT Policy Support Programme, Theme 6 – Public Sector Information CIP-ICT-PSP-2009-3)
- Consortium coordinated by the Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek – TNO

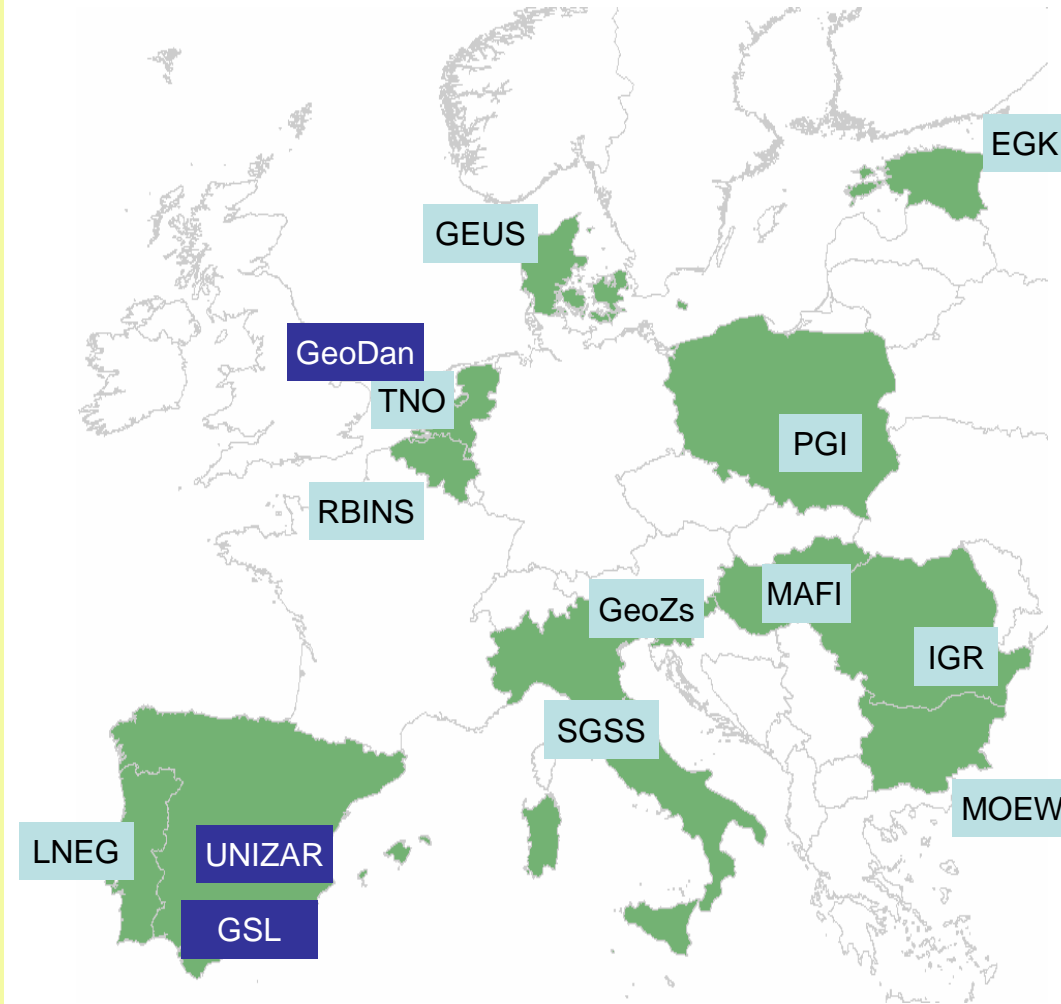


EuroGeoSource

- WP1: Project management
- WP2: User requirements
- WP3: Current data management aspects
- WP4: Interoperability and data exchange format
- WP5: Interoperable content
- WP6: Concept and technical design
- WP7: Multi-lingual user interface and legends
- WP8: System development
- WP9: Testing
- WP10: International collaborative framework
- WP11: Awareness - dissemination



Consortium



Objectives

- Developing the EuroGeoSource Web GIS system
- Spatial data services following OGC and INSPIRE specifications
- Identify, access, use and reuse in an interoperable and seamless way aggregated geographical information on energy and mineral resources covering a significant part of Europe



Software

- Software developed for the central Web GIS application and attribute delivery services will be disseminated as open source software
- The consortium will consider releasing the EuroGeoSource GIS application together with the other OGC services as an open source 'toolkit'
 - For other geological organizations to implement INSPIRE-compliant SDIs, Web services and Web GIS applications



Web Portal

- <http://www.eurogeosource.eu>
 - Information and news about the project, and also links to the public deliverables and presentations



Internet Policy Support System

- Visualise and deliver spatial and attribute information regarding the hydrocarbon and mineral resources in the participating EU countries
 - Also data about depleted and prospect reservoirs
- Tools for data presentation, visualisation, analysis, ordering, and reporting
- A rich Internet application with multi-lingual interfaces encompassing selected languages of the participating countries



Current Status

- First phase is finished
 - Overview of the needs of potential users
 - Analysis of the organisational and political aspects of geo-energy and mineral resource data management in the participating countries
 - Requirements and architecture
- A first prototype has been created



EuroGeoSource - Mozilla Firefox

Archivo Editar Ver Historial Marcadores Herramientas Ayuda

EuroGeoSource

Euro Geo Source Oil - Gas - Minerals

save | open | help | link

Data sources

lithium Search

Lithium (Li2O)

▼ One Geology EU

- One Geology North
- One Geology South

Lithium (Li2O)

- Spain
- Italy
- Portugal

- Pegmatite
- Hectorite
- Aplite

- Not active
- underground
- Solution mining

Map data

▼ One Geology South

No legend for this layer

▼ Lithium (Li2O)

- ▼ countries
 - Spain
 - Portugal
 - Italy
- ▼ deposits
 - Hectorite
 - Aplite
 - Pegmatite
- ▼ classifications
 - underground
 - Solution mining
 - Not active

▼ OpenStreetMap

lon: -7.7760 lat: 43.6881

Data CC-BY-SA by [OpenStreetMap](#)

Overview ma



Public Workshops

- Current results were presented at the first public workshop, in Budapest, on March, 2011
- The second public workshop will take place on January 25, 2012, in the World Port Centre, Rotterdam, The Netherlands
 - Main topic will be “Security of energy and minerals supply - political and economic aspects”
 - Participants need to be registered, but the registration is free. This will be available on the project portal soon



Conclusions

- The project is on schedule after its first year
- A data model for energy and mineral resources, agreed upon by the partners and compatible with the INSPIRE data models, is almost finished
- Other results are already published, or almost published, in the project Web portal
- The system implementation has already started, and there is already a prototype





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