

CENTRAL EUROPE Project Transenergy Transboundary Geothermal Energy Resources of Slovenia, Austria, Hungary and Slovakia

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TRANSENERGY project aims is to provide common assessment tools based on a geoscientific basis for enhanced and sustainable use of geothermal aquifers in the western part of the Pannonian basin shared by four Central European countries: Hungary, Slovenia, Austria and Slovakia. The project TRANSENERGY (2CE124P3) - Transboundary Geothermal Energy Resources of Slovenia, Austria, Hungary and Slovakia therefore addresses the key problem of using geothermal energy resources in cross-border regions in a sustainable way.

The project is implemented through the Central Europe Program (Area of Intervention 3.1 - Developing a high quality environment by managing and protecting natural resources) that is co-financed by ERDF. The duration of the TRANSENERGY project is planned from April 1st, 2010 till March 31st, 2013.

Project partners are four national geological surveys: MÁFI – Geological Institute of Hungary, Geo-ZS – Geological Survey of Slovenia, GBA – Geological Survey of Austria and ŠGÚDŠ – State Geological Institute of Dionyz Stur (Slovakia), that have long experience in cross-border co-operation in Central Europe and as governmental institutions guarantee an independent assessment.

The key outputs that are aimed for a sustainable use of the geothermal water in the western Pannonian region are:

- A multilingual web-portal will deliver a service for the following contents:

- Geological, hydrogeological and geothermal maps, cross sections and models
- A multilingual borehole database
- Thermal water utilisation maps
- Geothermal potential maps
- A database of authorities dealing with management and licensing of transboundary geothermal aquifers
- A summary of actual legal and funding framework at the participating countries with emphasize on cross-border geothermal facilities
- A strategy paper evaluating existing exploitation, future possibilities and recommendations for a sustainable and efficient geothermal energy production at the project area.

The web service will be public and can be used by the involved authorities (water management, mining, land use), by consultants, investors) and other kind of stakeholders.

Poster will present latest outcomes.

Duration of the project:
April 2010 - March 2013

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Project website:
<http://transenergy-eu.geologie.ac.at/>