



## **BBS – Technology Request Form**

**Title:**

PS-Eurostars: Integrated Information Platform Resources and Geothermal Projects in Spain and Portugal

**Abstract of the request** (*max. 500 characters*):

A Spanish SME searches Portuguese partners for a project aimed to research, design and develop a platform that integrates resources and other parameters of geothermal projects carried out in Spain and Portugal. The partner should have experience in renewable energy and exploitation resources for the energy production sector. Its main role: collect and classify information on geothermal resources in several Portuguese agencies.

**Description of the request** (*min. 100 characters*):

Given the current excellent prospects for development of geothermal energy in Spain and Portugal, it is intended to carry out a project that brings to market a range of services associated with the query updatable information, consulting and project development of the market based in other systems of more mature markets, particularly Germany, and better.

This project will provide with a final innovative product for an emerging market with great growth prospects and contribution to the development of a new form of energy, industrial development and the individual SME sector pioneers.

The project aims to develop and create a Geographic Information System (GIS) Web interface, which will serve as a reference tool with all the information (either superficial or shallow geothermal energy) to be offered to the geothermal sector in the markets of Spain and Portugal.

The role of the coordinator is:

- Collect, sort and transmit geothermal information from various agencies
- Manage and collaborate in the creation of the Geographic Information System (GIS)

The role of the German SME:

- Receive the information and generate database systems

- Create the Geographic Information System (GIS)

And the role of the sought partner:

- Collect and classify the information about the geothermal resources in Portugal from various agencies such as the DGEG - Direcção-Geral de Energia e Geologia de Informação and National Geographic (SING).

Partner's geographical area: Portugal

Partner's profile:

- SMEs working in relation to the renewable energy and the exploitation of natural resources for energy production sector possibly related with the DGEG - Direcção-Geral de Energia e Geologia de Informação and National Geographic (SING).

The participant should know the sources of geological information of Portugal, which is related to the DGEG - Direcção-Geral de Energia e Geologia de Informação and National Geographic (SING).

**Technical Specifications / Specific technical requirements of the request** (min. 50 characters):

**European Programme:**

The proposal is intended to be submitted to the Eurostars Programme (7th Cut-off deadline, 22 September 2011) and it is being developed.

The expected European funding percentage is: 50-75%

The current participants in the consortium are:

- COORDINATOR: Energía Geotérmica. Spanish geothermal company specialized in the design and installation of Ground Source Heat Pump systems for building heating and cooling.
- PARTNER: Erdwerk GmbH (Germany). The company focuses its main activity as a separate planning office, advises projects related to geothermal energy, in geology, hydrogeology and drilling techniques.
- PARTNER: SME (Portugal).

**Technology Keywords:**

Geothermal energy  
GIS Geographical Information Systems

**Further Information (Technical Details Concerning the Profile):**

## Domain of Application

### Current and Potential Domain of Application:

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### Collaboration Details:

Where there are 2 levels, only select the relevant Level 2 collaboration details.

Level 1	Level 2
<input type="checkbox"/> Licensing Agreement	
Technical Cooperation	<input checked="" type="checkbox"/> Joint further development
	<input type="checkbox"/> Testing of new applications
	<input type="checkbox"/> Adaptation to specific needs
<input type="checkbox"/> Joint Venture	
Manufacturing Agreement (Subcontracting & Co-contracting)	<input type="checkbox"/> Transfer of knowledge in new raw materials
	<input type="checkbox"/> New way to use an existing production line
	<input type="checkbox"/> Change in the partner sought's currently used technology (installations, process, facilities)
	<input type="checkbox"/> Absolutely novel process
Commercial Agreement with Technical Assistance	<input type="checkbox"/> Assembly
	<input type="checkbox"/> Engineering
	<input type="checkbox"/> Technical Consultancy
	<input type="checkbox"/> Quality control
	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Financial resources	

### Collaboration Details / Comments:

*Mandatory*

<ul style="list-style-type: none"> <li>- Type of partner sought: SME</li> <li>- Specific area of activity of the partner: renewable energy and exploitation of natural resources for energy production sector</li> <li>- Task to be performed: Collect and classify information about geothermal resources in Portugal from various agencies such as the DGE - Direcção-Geral de Energia e Geologia de Informação and National Geographic (SING).</li> </ul>
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### Exploitation of RTD Results:

<input type="checkbox"/> None
<input type="checkbox"/> EU RTD results – FP4 to FP7
<input type="checkbox"/> JRC

<input type="checkbox"/> EUREKA
<input type="checkbox"/> ESA
<input checked="" type="checkbox"/> National Programmes
<input type="checkbox"/> Private Research
<input type="checkbox"/> Others

**RDT Results – comments:**

Eurostars
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**Preferred Countries (for information):**

Portugal.
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