

**GEO.POWER project**  
**Exploring & promoting ground source**  
**heating in Reading & Europe**

**Thalia Carr**  
**Reading Borough Council**

## Project overview

Structure

Timetable

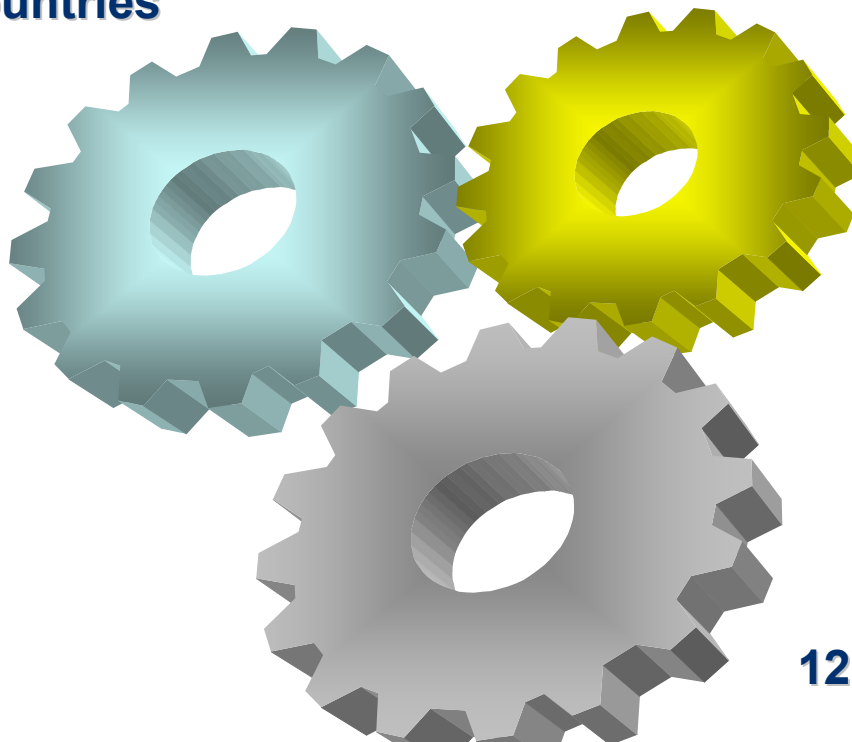


**European Union**

European Regional Development Fund

**Ministeries, Regions,  
Provinces, Boroughs, Cities,  
Research bodies**

**8 countries**



**12 partners**

November 2010

**Project duration: 24 months**

October 2012

ERDF: €1,612,257



Public cofin.: €419,272



**TOTAL: €2,031,530**



INTERREG IVC



- Lead partner** Province of Ferrara (IT)
- PP2** CRES Centre for Renewable Energy Sources and Saving (GR)
- PP3** Geozs – Geological Survey Of Slovenia (SI)
- PP4** Ministry of Regional Development and Public Works (BG)
- PP5** ENEREA Észak-Alföld Regional Energy Agency (HU)
- PP6 Reading Borough Council (UK)**
- PP7** SP Technical Res. Institute (SE)
- PP8** “Energy Center” Energy Efficiency, Environment and Energy Information Agency (HU)
- PP9** Royal Institute of Technology (SE)
- PP10** Emilia Romagna Region (IT)
- PP11** Institute of Geology at Tallinn University of Technology (EE)
- PP12** VITO Flemish Institute for Technological Research (BE)

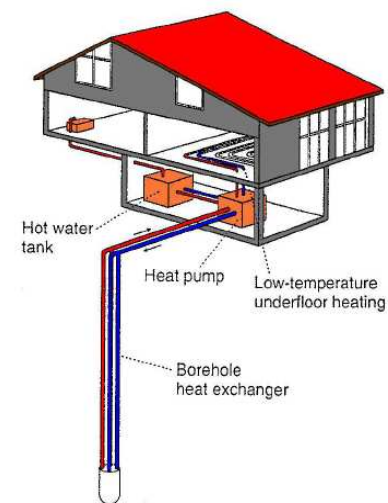


## GEO.POWER aims

- Assess geothermal potential in the participating regions
- Address technical, financial and marketing aspects of low-enthalpy power generation technologies such as ground source heat pumps
- Incorporate findings into the regional operational programmes

### Outcomes:

- ★ Better understanding of the benefits of GSHPs & appreciation of potential contribution towards EU targets (Kyoto protocol, Buildings Performance Directive)
- ★ Improved awareness, knowledge and perception of the technology among key stakeholders for short-term market penetration



## General Objective

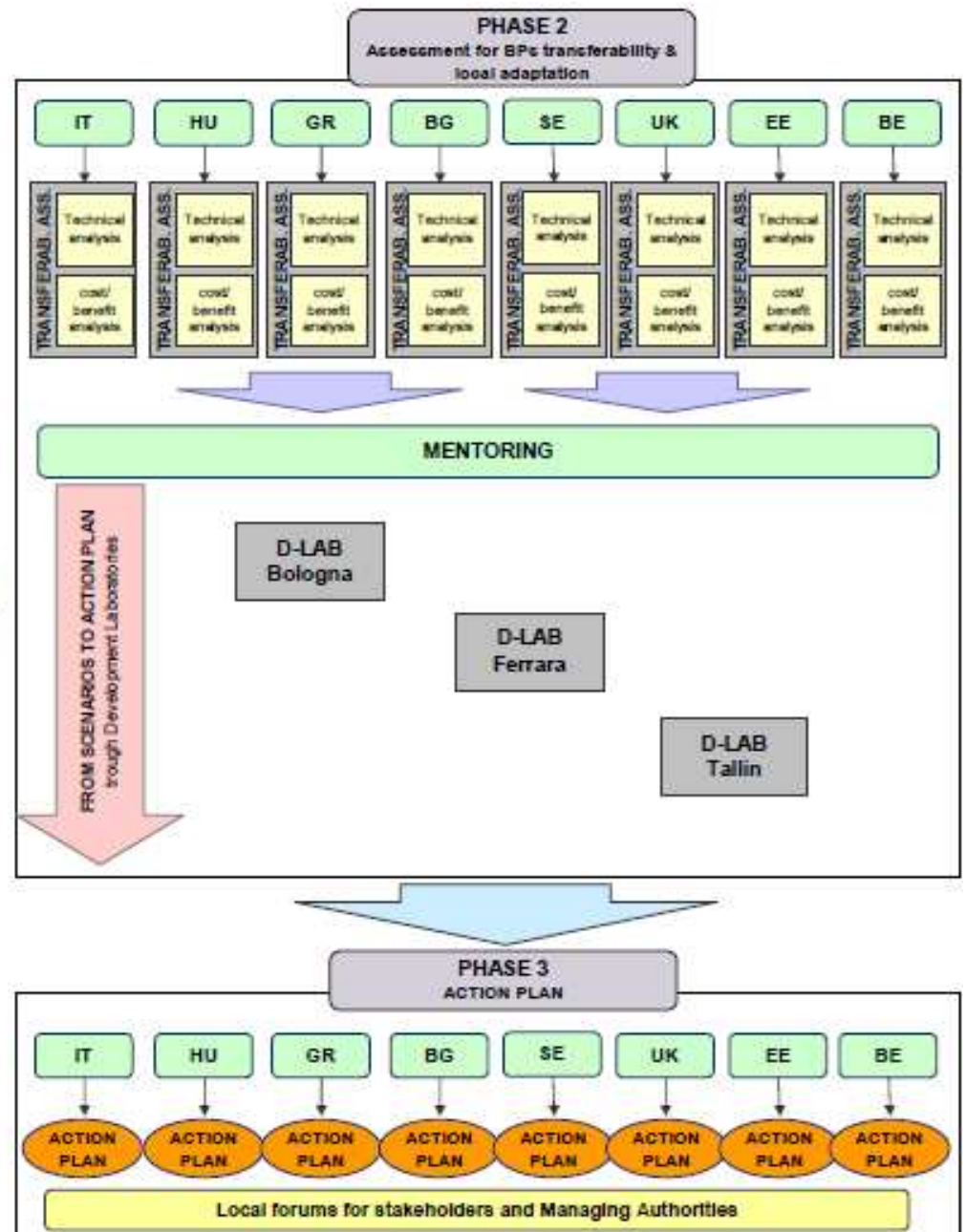
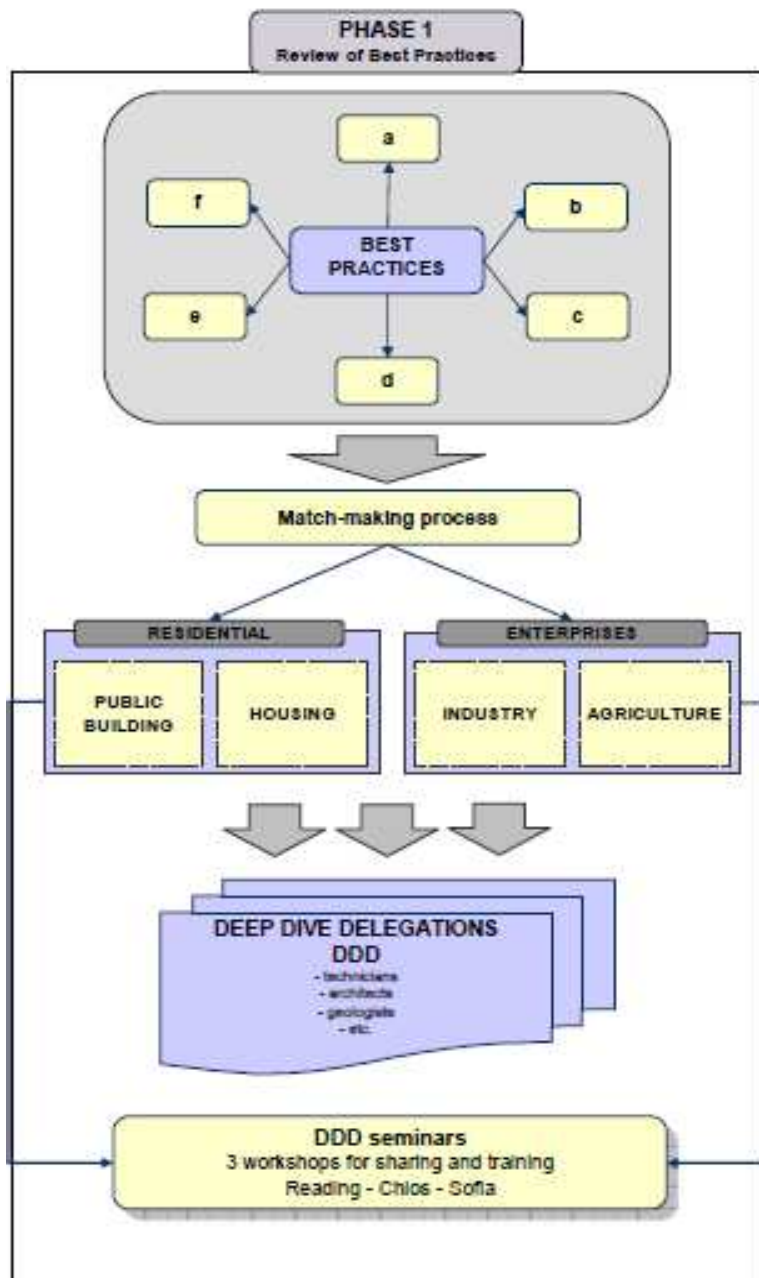
- Exchange best practice on low enthalpy energy supply
- Technical & cost/benefit assessment to evaluate replicability
- Subsequent transfer of selected best practice into Mainstreaming Programmes of the participating regions

## Expected Results

- 11 Action Plans (joint for IT partners) with legal-regulatory, economic-technical & technologically optimised proposals
- Inclusion of Plans in regional operational progs
- Long-term investment strategy for large-scale GSHP application

## Durability of results

- Active support from managing authorities & intermediaries
- Direct involvement of local & regional authorities
- Best practice to be disseminated into operational progs.
- Strategies proposed to be put into local sustainability policies



**Thank you for listening**

**Thalia Carr**

**Sustainability Officer**

**Reading Borough Council**

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