

GeoPLASMA-CE in a nutshell

GeoPLASMA-CE represents an Interreg Central Europe project dealing with different aspects of **shallow geothermal** use for heating and cooling in both, urban as well as non-urban regions in central Europe. In cooperation with geological survey organizations, universities, non-profit organizations, administrative bodies and private expert companies, **new management strategies** for a reasonable and sustainable use of shallow geothermal application will be explored in **6 different pilot areas** located in Germany, Czech Republic, Poland, Slovakia, Austria and Slovenia. The project aims at generating **web based information systems** for visualization of shallow geothermal **potentials and risks** of use. Moreover, it also intends to initialize an **expert platform** for connecting experts and stakeholders in the field of shallow geothermal use in Central Europe.

The GeoPLASMA-CE outputs

GeoPLASMA-CE produces state of the art planning and management tools for the use of shallow geothermal methods for heating and cooling, such as

- A web-based portal for decision support and information systems based on 3D data models.
- A web based expert platform for transfer of knowledge and connecting stakeholders of shallow geothermal use in Central Europe.
- Integrative management strategies for the use of shallow geothermal methods in the selected pilot areas.
- Harmonized strategies for planning, mapping, management and monitoring of shallow geothermal use based on joint transnational standards.

