

## Geoenery in the Nordic Countries

SIGNHILD GEHLIN

*Swedish Center for Shallow Geothermal Energy, P.O. Box 1127, SE-22104 Lund, SWEDEN  
signhild@geoenergicentrum.se*

Conditions are highly favorable for geoenery applications in the Nordic countries. The climate with relatively cold winters and warm summers, as well as the dominating crystalline rock and high groundwater levels, offer excellent geoenery opportunities. Sweden was one of the pioneering countries in developing geoenery technology in the 1970's and 80's, and still holds a position among the world top three geoenery countries. During the last decade geoenery use has increased significantly also in Norway and Finland. The geological conditions in Denmark are less favorable for geoenery, yet there has been an increase in the market in recent years.

This presentation gives an overview of the conditions, market and development of geoenery technology and applications in the Nordic countries, and relates to the overall geoenery development in the world.