



# Assessing European Capacity for Geological Storage of Carbon Dioxide



The main objective of the project is to Assess the European Capacity for Geological Storage of Carbon Dioxide. The project will include full assessments of a number hitherto not covered countries, and updates of previously covered territory. Also a priority is the further development of innovative methods for capacity assessment, economic modelling and site selection criteria. Finally, an important mission is to initiate scientific collaboration with China and possibly other CSLF members.

The GeoCapacity project will comprise all or parts of the sedimentary basins suitable for geological storage of CO<sub>2</sub> and located within the EU and the Central and Eastern European new member states and candidate countries. In areas, which were part of the GESTCO project completed in 2003, the work will include only supplementary updates.

The project is co-funded by the EU within FP6 - the 6th Framework Programme of the European Community for Research, Technological Development and demonstration activities, contributing to the creation of the European Research Area and to innovation (2002 to 2006).

**Project duration:** 2 years (Jan. 2006 - Dec. 2008)

**Budget:** 9 M €; EU contribution 10,5 M €

**26 partners** from **20 countries** (including 12 current CO<sub>2</sub>GeoNet Members)

## Estimated 117 Gt storage

96 Gt in deep saline aquifers

20 Gt in hydrocarbon fields

1 Gt in unmineable coal beds

**Emission** from large point sources in database is 1,9 Gt CO<sub>2</sub>/year

