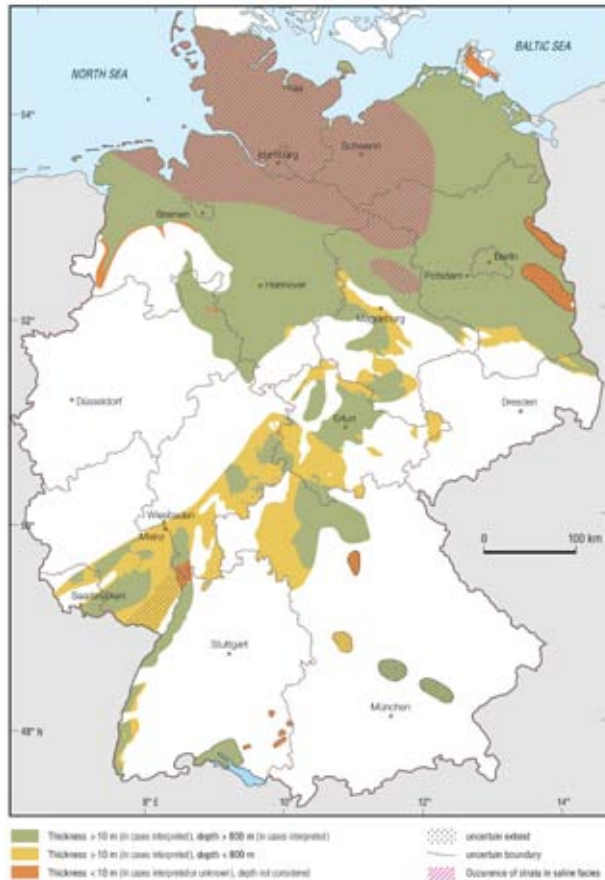


Advice and Information

BGR's main mission is to give geoscientific advice to the Federal Government, to the German industry, and to the general public. Providing objective and science-based information is part of our contribution to the controversial debate about carbon capture and storage.

Scientific expertise and reports are the basis for public information, offering products like publications, data bases, maps, fact sheets, and web-applications.



Reservoir and barrier rock units have been mapped in the Storage Catalogue of Germany.



Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)

BGR is the central geoscientific authority providing advice to the German Federal Government in all geo-relevant questions. Since 1999 BGR is engaged in the field of geological CO₂ storage.

Contact

For further information on BGR's activities in general or in particular CCS projects and publications, please visit our website:

www.bgr.bund.de/EN/Themen/CO2Speicherung/

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Bundesanstalt für Geowissenschaften und Rohstoffe
Stilleweg 2, 30655 Hannover, Germany

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Geological CO₂ Storage



Activities of the Federal Institute for Geosciences and Natural Resources



Bundesanstalt für
Geowissenschaften
und Rohstoffe





Capacity-building workshop for CCOP countries.

Co-operation

International co-operation includes scientific and technical exchange with other European geological surveys and research institutions, as well as technical co-operation and capacity building in developing countries world-wide. BGR is a member of and co-operates for example with:

- ▶ EuroGeoSurveys
- ▶ CO₂GeoNet
- ▶ CGS Europe
- ▶ IEAGHG

On a national level BGR is involved in various CCS research programmes and co-operates with universities, research institutions, state geological surveys, and mining authorities.

Regulation

Germany has passed a national CCS act, including certain duties for BGR:

- ▶ Detailed analyses and assessment of storage potentials
- ▶ Development of a national register on carbon dioxide pipelines and storage sites
- ▶ Experts advice on exploration, planning, approval, and abandonment of storage sites

BGR has proposed guide-lines for safe selection, operation, and monitoring of storage sites and contributes to ISO/TC 265 Carbon dioxide capture, transport, and geological storage.

The German Institute for Standardization (DIN) has recently established its national mirror committee, headed by BGR.



Inauguration of the German mirror group of ISO/TC 265.



Diving robot for underwater gas monitoring.

Research and Development

Active engagement in research and development in the fore-field of industrial deployment is the basis for sound advice according to the state of science and technology.

BGR conducts several research projects in the field of geological CO₂ storage and collaborates with national and international partners in joint projects on various issues as for example:

- ▶ storage processes
- ▶ safety
- ▶ monitoring
- ▶ environmental impact