

KRAAK/GERMANY

Leached salt caverns for natural gas



Surface plant of the underground storage facility
Kraak - Filters and dehydration plants

Client	E.ON Hanse AG
Number of caverns:	4 (2 under construction)
Unit volumes of caverns:	300,000 m ³ ... 500,000 m ³
Working gas:	117 · 10 ⁶ scm (250 · 10 ⁶ scm planned)
Max. injection rate:	1.2 · 10 ⁶ scm/d
Max. withdrawal rate:	10.6 · 10 ⁶ scm/d
Remarks	<ul style="list-style-type: none">- Brine from leaching is disposed of in a deep aquifer horizon- 2 cavern wells as deviated wells (S-shape)

Main UGS-Scope

- Cavern and well design
- Drilling and completion of cavern wells
- Leaching of caverns, brine disposal in deep aquifer, first gas filling
- Engineering of the surface gas plant
- Commissioning and start-up
- Temporary operation of the storage facility



Untergrundspeicher-
und Geotechnologie-
Systeme GmbH