



THE 8th ANNUAL GLOBAL GAS VILLAGE

Has convergence been achieved in Europe's UGS industry?

21, 22 & 23 April 2008
Berlin, Germany

The Global Gas Village is fast becoming the gas hub where gas companies and their clients discuss technologies, new market trends and gas strategies. The Global Gas Village has a unique concept of using UGS as a market stimulant from which gas strategies are formulated and developed.

Venue:
Kempinski Hotel Bristol Berlin
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Rüdersdorf UGS facility tour 21 April 2008

As part of our programme EWE organized a tour to its Rüdersdorf UGS facility.

In connection with the expansion and upgrading of the gas distribution network in Brandenburg and the island of Rügen, EWE Aktiengesellschaft resolved to construct an appropriate gas storage plant in Brandenburg similar to its existing salt cavern storages at Nüttermoor and Huntorf (Weser-Ems district).

The planned working gas volume of approx. 250 million $\text{m}^3(\text{V}_n)$ for the EWE gas storage Rüdersdorf will be provided by four salt caverns, each with approximate geometric volume between 350.000 m^3 and 550.000 m^3 . The leaching process for the first cavern started in July 2003.

Actual the first cavern K101 is ready for gas storage operation; the second cavern K102 is still under construction. During the years 2004 until 2007 the gas operation plant has been built.

For the actual set-up the gas operation facility is able to inject 60.000 $\text{m}^3(\text{V}_n)/\text{h}$ gas volume under standard condition by using two piston compressors (30.000 $\text{m}^3(\text{V}_n)/\text{h}$ with each compressor). The gas withdrawal line is equipped with two dehydration units; each unit is designed for 70.000 $\text{m}^3(\text{V}_n)/\text{h}$.

In the next project phase the third cavern well will be drilled and the gas operation plant will be extended by an additional injection and withdrawal line to increase the injection capacity up to 90.000 $\text{m}^3(\text{V}_n)/\text{h}$ and the withdrawal capacity up to 210.000 $\text{m}^3(\text{V}_n)/\text{h}$.



Icebreaker

After the site visit there was an "Icebreaker", on **Monday 21 April from 18.00 until 19.30** in the Kempinski Hotel Bristol Berlin.

Workshop programme 22 April 2008

Has convergence been achieved in Europe's UGS industry?

Session chairman: Mr. Hans Plaat, Director, HP Petroleum Engineering Services

Session I sponsored by 
Becker Büttner Held
Rechtsanwälte · Wirtschaftsprüfer · Steuerberater

8.00 - 9.00 **Coffee & registration**

9.00 - 10.15

Opening

Mr. Gerard Kreeft, Managing Director, EnergyWise

How secure and diverse are Europe's gas supplies?

Ms. Margarita Pirovska, Natural Gas Analyst, IEA

Update: Natural gas storage in Salt Caverns in Europe – present status developments and future trends

Dr. Axel Gillhaus, Chief Geologist, KBB UT



10.15 – 10.45 Coffee break sponsored by Gas Storage Europe

10.45 - 12.30

Nord Stream case study: a further milestone for security of gas supply. Components will include:

Nord Stream case study: The offshore pipeline across the Baltic Sea

Ms. Irina Vasilyeva, Communications Manager, Nord Stream AG

The importance of Nordstream for Germany and Europe

Mr. Horst-Robert Radloff, Nord Stream Project Coordination Team, Wingas

Gazprom Germania - Concept planning of the Underground Gas Storage projects Hinrichshagen and Schweinrich

Dr. Maik Mattheis, Project Manager, Gazprom

12.30 – 14.00 Lunch

Workshop programme 22 April 2008 (II)

Technology and trends

Session chairman: Mr. Lajos Szabo, Completions Coördinator, Baker Hughes



Session II sponsored by

14.00 - 15.30

Updating Grijpskerk and Norg UGS sites

Mr. Niels Dijksman, Reservoir Engineering Leader, Groningen Asset, Shell

Bergermeer gas storage project: a perspective

Ms. Ingeborg Kuyvenhoven, Commercial Lead Bergermeer Gas Storage, TAQA



15.30 – 16.00 Coffee break sponsored by

16.00 - 17.00

Access to Storage in the European Gas Market

Mr. Mark van Stiphout, Administrator, Unit C-2: electricity and gas, DG Energy and Transport

Developing and running storage assets in Germany – an operator's view

Dr. Jürgen Rückheim, Chairman of the Management Board of Gaz de France Erdgasspeicher Deutschland GmbH

The status of natural gas and UGS developments in Turkey

Mr. Ertuğ Öztürk, Petroleum and Natural Gas Engineer, Botaş Petroleum Pipeline Corporation

17.00 – 19.00 Reception

Workshop programme 23 April 2008

Projects and trends

Session chairman: Mr. Max Oosterhuis, Energy Partner Loyens & Loeff

9.00-10.30 **Demand for storage of natural gas in North-Western Europe: trends 2008-2030**

Mr. Madjid Kübler, Managing Director, Team Consult

Creating an attractive North-West European marketplace for gas

Mr. Erich Jurdik, Strategy Manager, Gasunie

Updating the UK UGS market

Mr. James Lawson, Sales and Marketing Manager, Centrica Storage

10.30 – 11.00 Coffee break

11.00-12.30 **Updating the European regulatory roadmap part I**

Mr. Christian Held, Rechtsanwalt Partner, Becker Büttner Held

Updating the EU regulatory roadmap part II

Mr. Jean-Marc Leroy, GSE Vice-President,
GSE - Gas Storage Europe

Updating USA regulatory precedents

Mr. Edward Clayman, Sr. Associate, Troutman Sanders

Viewpoint of a downhole service provider, with case study examples

Mr. Lajos Szabo, Completions Coördinator, Baker Hughes

12.30 – 13.30 Lunch

Projects and trends II

Session chairman: Mr. James Lawson, Sales and Marketing Manager, Centrica Storage

13.30-15.00 **Energinet: one year hence in Denmark**

Mr. Torben Brabo, Head of Customers and Market
Surveillance, Energinet

Updating storage market developments in the Italian gas market

Mr. Gianluca Iannuzzi, Planning and Business Development,
Stogit S.p.A.

Questionnaire

Mr. Gerard Kreeft, Managing Director, EnergyWise

End of workshop