

Second EU-OPEC Workshop on Carbon Capture and Storage

Date: 31st October, 2008

Venue: Brussels; Borschette Conference Centre, Room 3b

Agenda

08:30 – 09:00 Registration

Opening Session

09:00 – 09:20 Welcoming Address and Introductory Remarks

- Heinz Hilbrecht, Director for Security of Supply and Energy Markets; EC, DG TREN
- Hasan M. Qabazard, Director Research Division, OPEC Secretariat

Keynote speech

09:20 – 09:40 Carbon capture and Storage; A key mitigation Technology: Challenges and opportunities. Mohamed Hamel, Head, Energy studies Department, OPEC Secretariat

09:40 – 11:00 **Session 1: Overview of Technologies. Chairman: Gardiner Hill, BP**

- The Technology Behind CCS. Nick Otter, Alstom
- Implementing CCS in Europe: ZEP's Vision of Zero Emissions Power by 2020. Gardiner Hill, BP
- CCS projects: experience and way forward. Kai Bjarne Lima, StatoilHydro

Discussion

11:00 – 11:30 *Coffee break*

11:30 – 13:10 **Session 2: Prospects of CCS in OPEC Member Countries and the EU. Chairman: Fuad Siala, OPEC Secretariat**

- CCS projects under the 7th Framework Program and possible cooperation. Vassilios Kougionas EC, DG RTD
- OPEC and CCS. Fuad Siala, OPEC Secretariat
- The In Salah project. Representative of Algeria
- Norwegian Government's engagement on CCS. Bjørn-Erik Haugan. Managing Director Gassnova, Norway

Discussion

13:10 – 14:10 Lunch

14:10 – 16:30 Session 3: Non-technical factors essential for CCS breakthrough

Chairman: Jacek Podkanski, EIB

- The EU Regulatory Framework; Carbon pricing issues. Scott Brocket DG ENV
- CCS and CDM: Khalid Abuleif, Saudi Aramco
- CCS and CDM, the EU view. Lynn Sheppard EC, DG Environment
- CCS Communication: Supporting Early Demonstration of Sustainable Power Generation from Fossil Fuels. Dora Loydl, EC, DG TREN/C3
- Capacity Building for CCS - How to get the train rolling? John Barry, Vice President Unconventionals and EOR, SHELL
- Financing CCS projects. Jacek Podkanski, European Investment Bank

Discussion

16:30 – 17:00 Coffee break

17:00 – 17:45 Panel discussion – The role of the EU-OPEC Energy Dialogue in Promoting CCS. Chairman: Jan Panek, Head of Unit. EC, DG TREN C3

Participants: Mohamed Hamel, Fuad Siala, Nick Otter, Vassilis Kougionas, Scott Brocket, Jacek Podkanski

Closing remarks

- Heinz Hilbrecht, Director for Security of Supply and Energy Markets; EC, DG TREN
- Hasan M. Qabazard, Director, Research Division, OPEC Secretariat

18:00 Closure

Programme of site visits for OPEC experts to European CCS projects

The aim of these site visits is to familiarise OPEC experts with some of the latest developments in European CCS technologies and offer them the opportunity to discuss and exchange information on respective plans and progresses.

- **Sleipner – Norway. Sunday 2 November 2008**
Offshore gas production and CO2 capture and storage facility. Other Norwegian CCS projects will be presented in a meeting in Stavanger.
- **Visit to Schwarze-Pumpe CCS pilot plant – Germany. Monday 3 November 2008.**