



CSLF CO₂ Capture Interactive Workshop

Bergen, Norway

14 June 2012

09:00-09:30

Plenary Session

Workshop Introduction and Background

John Panek, Deputy Director, CSLF Secretariat

Welcoming and Keynote Address

Trygve Riis, Special Adviser, Research Council of Norway

09:30-11:45

Session 1: Scaling Up Carbon Capture for Commercial Deployment

Session Co-Chairs:

Jürgen-Friedrich Hake, Head, Systems Analysis and Technology Evaluation, Forschungszentrum Jülich GmbH, Germany

Ping Zhong, Programme Officer, The Administrative Centre for China's Agenda 21, China

Raconteur: *CSLF Secretariat*

This session will identify and describe possible issues and other considerations for CO₂ capture in commercial-scale projects, such as identifying and understanding the scale-up risks of CO₂ capture processes. Project sponsors will detail their real-world experience utilizing carbon capture at commercial scale.

- **CO₂ Technology Centre Mongstad Project**
Tore Amundsen, Managing Director, CO₂ Technology Centre Mongstad, Norway
- **Rotterdam Opslag en Afvang Demonstratieproject (ROAD)**
Hans Schoenmakers, Director of Stakeholder Management, ROAD, Netherlands
- **CO₂ Capture Project – Phase 3**
Mark Crombie, CCP3 Program Manager, BP Alternative Energy, United Kingdom
- **EERC Partnership for CO₂ Capture (including Fort Nelson and Zama Projects)**
Mike Holmes, Deputy Associate Director for Research, Energy & Environmental Research Center, United States

11:45-13:00

Lunch

13:00-16:00

Session 2: Strategies and Technologies for Carbon Capture Cost Reduction

Session Co-Chairs:

Lars Ingolf Eide, Consultant, CLIMIT Programme, Research Council of Norway

Ed Steadman, Senior Research Advisor, Energy & Environmental Research Center, United States

Raconteur: *CSLF Secretariat*

This session will explore possible strategies and other considerations that can reduce the cost for CO₂ capture at commercial scale. These could include regeneration of plant heat and cooling; maximizing efficiency in integrating environmental control systems (i.e., SO_x, NO_x); achieving the right balance between plant operation and integration; front-end investment as a means of mitigating risk (and thereby costs); identifying and assessing critical equipment; and developing and validating modeling tools.

- **Quest CCS Project**
Len Heckel, Quest Business Opportunity Manager, Shell in Canada
 - **Lacq CO₂ Capture and Storage Project**
Jacques Monne, CCS R&D Project Manager, Total, France
 - **SaskPower Integrated CCS Demonstration Project at Boundary Dam Unit 3**
Michael Monea, President, CCS Initiatives, Saskatchewan Power Corporation, Canada
 - **CO₂CRC Otway Project**
Richard Aldous, CEO, CO₂CRC, Australia
 - **CO₂ Removal at Sleipner**
Eivind Johannessen, Principal Researcher, Gas Treating Technologies, Statoil, Norway
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Workshop Concept

- Each project representative will give a presentation emphasizing CO₂ capture aspects and technologies.
- Following the presentations, there will be a discussion among the panelists facilitated by the session co-chairs.
- Following the panelist discussion, there will be an Audience Interaction Q&A session.