



AGENDA

3rd CSLF Workshop on Capacity Building for Carbon Capture and Storage (CCS)

Al Khobar, Saudi Arabia
28-29 January 2008

Monday, 28 January, Le Meridien Gulf Al Khobar Hotel

09:00-09:45 **Capacity Building Workshop** (*Al-Dana Room*)

Plenary Session

Host Country Welcome

Session Moderator: Hesham Al-Musaiid, Manager, Environmental Protection Department, Saudi Aramco, Saudi Arabia

Saudi Arabia Perspectives on CCS

His Royal Highness, Prince Abdulaziz Bin Salman Bin Abdulaziz, Assistant Minister for Petroleum Affairs, Ministry of Petroleum and Mineral Resources, Saudi Arabia

The Importance of Capacity Building

Trude Sundset, Norway, Chair of CSLF Technical Group

Introduction to the Themes of the Capacity Building Workshop

Justin Swift, United States, Chair of CSLF Capacity Building Task Force

09:45-10:00 **Coffee/Tea**

10:00-11:30 **Capacity Building Workshop** (*Al-Dana Room*)

Theme I: Commercial Aspects and Opportunities for Storage of CO₂ in Oil and Gas Reservoirs

Moderator and Thematic Speaker

Pierre Le Thiez, Executive Vice President GEOGREEN and CASTOR Project Manager, IFP, France

CO₂-EOR Operations:

The IEA GHG Weyburn-Midale CO₂ Monitoring and Storage Project

Frank Mourits, Senior Science Advisor, Natural Resources Canada

CO₂-EOR Research in Saudi Aramco

Nabeel I. Al-Afaleg, Chief Technologist, EXPEC Advanced Research Center, Saudi Aramco, Saudi Arabia

Potential for CO₂ Sequestration from Natural Gas Production:
The Sleipner/CO₂STORE and Snøhvit Projects
Trude Sundset, Executive Vice President for the Environment, StatoilHydro, Norway

Economics of CCS for EOR
Michael E. Moore, Vice Chairman, Coalition for Enhanced Oil Recovery, United States

Discussion among Panelists

Audience Interaction

Tuesday, 29 January, Shaybah Recreation Center

10:15-10:45 **Tour of Shaybah Gas-Oil Separation Plant**

10:45-11:00 **Presentation on Shaybah** (*Shaybah Recreation Center, Al-Maha Hall*)

11:00-11:30 **Light Lunch**

11:30-13:15 **Capacity Building Workshop** (*Shaybah Recreation Center, Multipurpose Room*)

Reconvene Workshop
Justin Swift, United States, Chair of CSLF Capacity Building Task Force

Theme II: Technology Roadmaps and Their Importance

Moderator and Thematic Speaker
Nick Otter, Director of Technology and External Affairs, ALSTOM Power Ltd., United Kingdom

Saudi Aramco's CO₂ Carbon Capture & Storage Technology Roadmap
Ali A. Al-Meshari, Carbon Capture Management Coordinator, Saudi Aramco, Saudi Arabia

Australia's Carbon Dioxide Capture & Storage Technology Roadmap
Dennis Van Puyvelde, Technical and International Projects Manager, Cooperative Research Center for Greenhouse Gas Technologies (CO₂CRC), Australia

Canada's CO₂ Capture and Storage Technology Roadmap
Bill Reynen, Director, National Resources Canada, Geological Survey of Canada

United States Carbon Sequestration Technology Roadmap and Program Plan / FutureGen
Joseph Giove, Senior Program Manager, Office of Fossil Energy, United States Department of Energy

The European Union's ZEP Platform
Derek Taylor, Energy Advisor, European Commission DG Energy and Transport
Discussion among Panelists

Audience Interaction

13:15-13:30 *Coffee/Tea*

13:30-16:30 **Capacity Building Workshop**

Theme III: Issues that Impact CCS

Moderator and Thematic Speaker

Derek Taylor, Energy Advisor, European Commission DG Energy and Transport

Legal and Regulatory Issues

John Bradshaw, Chief Scientist, CCS, Geoscience Australia

Risk Assessment

George Guthrie, Program Director, Fossil Energy and Environment Program Office, Los Alamos National Laboratory, United States

Societal Issues related to CCS Deployment

John Bradshaw, Chief Scientist, CCS, Geoscience Australia

Public Outreach and Education

Anne-Marie Thompson, Program Manager CO₂ Storage, Canmet Energy Technology Centre, Natural Resources Canada

Discussion among Panelists

Audience Interaction

Theme IV: The Needs of Emerging Economy Countries

Moderator and Thematic Speaker

Ashok Bhargava, Senior Energy Specialist, Asian Development Bank

Panel on Needs of Emerging Economy Countries

Marcelo Ketzer, Director, PUCRS-CEPAC Carbon Research Center, Brazil

Sanjay Sharma, Deputy Director (TE&TD), Central Electricity Authority, India

Jeff Kgobane, Deputy Director, Coal and Gas, Department of Minerals and Energy, South Africa

Audience Interaction

Next Steps

Justin Swift, United States, Chair of CSLF Capacity Building Task Force

John Panek, CSLF Secretariat

Audience

Closing Remarks

Justin Swift, United States, Chair of CSLF Capacity Building Task Force