



CARBON SEQUESTRATION LEADERSHIP FORUM MINISTERIAL MEETING TENTATIVE SCHEDULE OF STAKEHOLDER SESSIONS AND DESCRIPTION

OCTOBER 30, 2013

Tuesday, November 5, 2013 – Stakeholder Roundtables

1:00 PM – 2:45 PM

A. Financial Roundtable – Why some projects reach final investment decisions and some do not.

- Role of incentives – CCS relative to other low/no carbon technologies.
- Achieving multiple revenue streams, CO₂ sales for enhanced oil recovery and other commercial uses of CO₂.
- The value of standardizing “costing methodologies”.
- The outlook for commercial financing for CCS projects. Getting to full deployment.

International Chair: Bernard Frois, Director – *CEA France*

Host Vice-Chair: Andrew Paterson, Principal – *EBC/CCS Alliance*

Speakers:

- Shannon Angielski, Associate Director – *Coal Utilization Research Council*
- Dwight Cates, Director of Government Relations – *FLUOR*
- Pam Tomski, Senior Advisor, Policy and Regulatory – *Global CCS Institute*
- Martin Considine, Vice President, Btu Conversion – *Peabody Energy*
- Odin Knudsen, CEO – *Real Options International*
- Allan Baker, Managing Director, Global Head of Power – *Société Générale*
- Tim Bertels, Manager Global CCS Portfolio – *Shell*
- Chris Tynan, Director, Project Finance – *Summit Power*
- Graeme Sweeney, Chairman – *Zero Emissions Platform*

B. Communication Roundtable – Communicating the Value of Carbon, Capture & Storage.

- Case studies of projects that were cancelled due to public opposition.
- Why messaging is critical
- Coordinated communication strategies in other energy industry sector.
- Can global CCS stakeholders develop messages and identify messengers? Is this a role for stakeholders, governments or both?

International Chair: Stuart Neil, Senior Director, Communications – *World Energy Council*

Host Vice-Chair: Michael Moore, Executive Director - *North American Carbon Capture & Storage Association*

Speakers:

- Arthur Lee, Chevron Fellow and Principal Advisor – *Chevron*
- Angie Howard, President – *Howard-Johnson Associates*
- Bill Loveless, Host – *Platts Energy Week*
- Tim Wiwchar, Quest Business Opportunity Manager – *Shell*
- Llewellyn King, Host – *White House Chronicle*

2:45 PM – 3:15 PM

Break

3:15 PM – 5:00 PM

C. Regulatory Roundtable 1 – This will discuss both economic (utility commissions in regulated generation markets) and environmental regulation of capture, transport and storage.

- Role of various jurisdiction, i.e., national, provincial/state/local governments
- Case studies of handling long-term liability.
- Reducing release of CO₂ and other greenhouse gases in oil, gas, coal, cement, chemical, steel, etc., production.
- Regulating CO₂ storage in enhanced oil recovery
- CCS performance standards
- CCUS tax incentives

International Chair: Graeme Sweeney, Chairman – *Zero Emissions Platform*

Host Vice-Chair: Raj Barua, Executive Director – *National Regulatory Research Institute*

Speakers:

- Mike Fernandez, Executive Director – *Alberta Energy*
- Ann Weeks, Senior Counsel – *Clean Air Task Force*
- Fred Eames, Partner – *Hunton & Williams*; Counsel – *CCS Alliance*
- Dwight Cates, Director of Government Relations – *FLUOR*
- Pam Tomski, Senior Advisor, Policy and Regulatory – *Global CCS Institute*
- Tim Bertels, Manager Global CCS Portfolio – *Shell*
- Sarah Forbes, Senior Associate – *World Resources Institute*

D. Deploying a Demonstration Project in Developing Countries

- Need for CCS in non-OECD countries.
- How public-private partnership can enhance chances for project success.
- The role of the World Bank Group organizations, regional development banks and national development agencies.

International Chair: Edward Helminski, President – *ExchangeMonitor Publications and Forums*

Host Vice-Chair: Will Polen, Senior Director – *United States Energy Association*

Speakers:

- Steven Carpenter, Vice President – *Advanced Resources International*; Chair, *US Technical Advisory Group to ISO TC-265*
- Dennis Johnson, Head of Office of Technology, & Executive Director Process / Specialty Engineering – *FLUOR*
- Meade Harris, Senior Advisor, Europe and MENA – *Global CCS Institute*
- Dr. Robert F. Ichord, Jr., Ph.D., Deputy Assistant Secretary – *Bureau of Energy Resources, US Department of State*
- Yang Xiaoliang, Visiting Scholar – *World Resources Institute*
- Richard Zechter, Carbon Finance Unit – *World Bank*

5:00 PM – 6:00 PM

Opening Reception

Wednesday, November 6, 2013 – Continuation of Stakeholder Roundtable *

9:00 AM

- E. Regulatory Roundtable 2 – This will discuss both economic (utility commissions in regulated generation markets) and environmental regulation of capture, transport and storage.
- Role of various jurisdiction, i.e., national, provincial/state/local governments
 - Case studies of handling long-term liability.
 - Reducing release of CO₂ and other greenhouse gases in oil, gas, coal, cement, chemical, steel, etc., production.
 - Regulating CO₂ storage in enhanced oil recovery
 - CCS performance standards
 - CCUS tax incentives

International Chair: Raj Barua, Executive Director – *National Regulatory Research*

Host Vice-Chair: Sheila Hollis, Partner- *Duane Morris LLP*

Speakers:

- Jonas Helseth, Director – *Bellona Europa*
- Jeff Walker, Project Manager – *CSA Group; International Secretary to ISO TC-265*
- The Honorable David Boyd, Commissioner – *Minnesota Public Utilities Commission*
- Dr. George Peridas, Ph.D., Scientist – *Climate Center, Natural Resources Defense Council*

Wednesday, November 6, 2013 – Stakeholder Executive Addresses *

10:30 AM

Luke Warren, Chief Executive – *UKCCSA*

11:00 AM

Dr. Charles Soothill, Senior Vice President, Technology – *Alstom Power*

11:30 AM

Tim Bertels, Manager Global CCS Portfolio – *Royal Dutch Shell*

12:00 Noon

Graeme Sweeney, Chairman – *Zero Emissions Platform*

12:30 PM

Buffet Lunch