

“Carbon Capture and Storage: Regaining Momentum”

Intercontinental Hotel, 117 Macquarie Street, Sydney, Australia

20-21 February 2012

Agenda, 16-01-2012

■ Day 1 - Monday 20 February

09:00 – 09:30	Welcome and objectives of workshop	<p>Peter Cunz Chairman IEA Committee on Energy Research and Technology</p>
		<p>Martin Hoffman Deputy Secretary Department of Resources, Energy and Tourism Australia</p>
		<p>Bo Diczfalusy Director of Sustainable Energy Policy and Technology IEA</p>
09:30 – 10:00	Technology update: Where do we stand with CCS technologies?	<p>Kelly Thambimuthu Chairman of IEAGHG</p>
<p>Session 1: Pushing the boundary: Developing synergies and achieving co-benefits of CCS <i>Moderator: Jostein Dahl Karlsen, Chairman of IEA Working Party on Fossil Fuels; Ministry of Petroleum and Energy, Norway</i></p>		
10:00 – 10:20	Enhanced oil recovery and CCS: kick-starting early projects	<p>Sean McCoy Energy Analyst IEA</p>
10:20 – 10:40	Value-added fossil fuels: Coal to liquids with CCS	<p>Lewis Jeffery Chief Operating Officer CCS TLM</p>
10:40 – 11:00	Biomass with CCS: achieving negative emissions	<p>Michiel Carbo ECN, the Netherlands</p>
<p>11:00 – 11:30 <i>Coffee break</i></p>		
11:30 – 12:30	<p>Round-table discussion: Pushing the boundary: Developing synergies and achieving co-benefits of CCS Incl. short interventions by industry (chemical, cement etc.)</p> <ul style="list-style-type: none"> ■ Joseph McCarthy, Project Director, Perdaman Chemicals and Fertilisers 	
<p>12:30 – 13:30 <i>Lunch</i></p>		



■ Day 1 - Monday 20 February (continued)

Session 2

Storing CO₂: Improving knowledge of global storage potential

Moderator: Marc D'Iorio, NRCan, Canada

13:30 – 13:50	What do we know of global CO ₂ storage capacity?	Sam Holloway Senior Principal Geologist British Geological Survey
13:50 – 14:10	From theoretical to economic storage capacity: Australian case for saline aquifers	Clinton Foster Chief Scientist Geoscience Australia
14:10 – 14:30	Storing CO ₂ : Critical success factors for gaining public acceptance	Peta Ashworth Group Leader CSIRO
14:30 – 15:00	Q and A and discussion	

15:00 – 15:30 *Coffee break*

Session 3

Project update: where do we stand with global project development?

Moderator: Bert Stuij, Manager of Energy Strategy & Transition, NL Agency, the Netherlands

15:30 – 15:50	Global status of CCS projects	Barry Jones General Manager Global CCS Institute
15:50 – 16:10	Project report: Gorgon	John Torkington Senior Adviser Chevron Australia
16:10 – 16:30	Project report: ZeroGen	Chris Greig UQ Energy Initiative University of Queensland
16:30 – 16:50	Project report: Alstom and Datang	Gwen Andrews Vice President Alstom Power
16:50 – 17:30	Round-table discussion: Success factors and lessons learned	

17:30 *Close of day 1*

18:00 – 19:00 Cocktail reception



■ Day 2 - Tuesday 21 February

08:45 – 09:30 Official opening of IEA CERT meeting

Peter Cunz
CERT Chairman

Reflections from monday's CCS workshop discussions

09:30 – 10:00

- Synergies and co-benefits
- CO₂ storage
- Global project update

CERT strategic Discussion:

“Boosting momentum for CCS”

Moderator: Rick Duke, Deputy Assistant Secretary, US Department of Energy

Where are we with current policy frameworks for CCS?

What can be learnt from project cancellations and recent experience?

10:00 – 10:30

How to create conducive policies and ensure financing for CCS?

Short “discussion primer” presentations first, followed by discussion

- Incentive Policy Strategy for CCS (Juho Lipponen, IEA)
- Financing CCS Projects (James Baird, the Clinton Foundation)
- Potential and Challenges in Developing Countries (Natalia Kulichenko-Lotz, the World Bank)

10:30 – 11:00 *Coffee break*

CERT strategic Discussion:

“Boosting momentum for CCS” (continued)

Where are we with current policy frameworks for CCS?

11:00 – 12:00

What can be learnt from project cancellations and recent experience?

How to create conducive policies and ensure financing for CCS?

Discussion and interventions by CERT delegates on national developments

IEA Energy Technology Perspectives 2012

Key messages on CCS

Moderators: Juho Lipponen and Markus Wråke, IEA

12:00 – 12:30

- Ensuring that key messages match reality and current tendencies, and point policy action to relevant challenges
- Conclusions for the messages for ETP
- Suggestions for areas of further work on CCS by IEA / CERT

12:30

End of workshop