



7th IEA International CCS Regulatory Network Meeting, 22-23 April 2015, IEA Paris

Day 1: Wednesday, 22 April 2015

08:30	Registration	
09:00	Opening Session	
	Welcome and opening remarks	Philippe Benoit, IEA
	Scene setting for meeting	Tristan Stanley, IEA
09:30	Session 1: Countries developing regulatory frameworks	Chair:
	Indonesia	F.X. Sutijastoto, Ministry of Energy and Mineral Resources, Indonesia (invited)
	Mexico	TBC
	TBD	
10:30	Coffee	
	GCC	I-Tsung Tsai, Masdar Institute, United Arab Emirates
	South Africa	Muzi Mkhize, Department of Energy, South Africa (invited)
	TBD	
12:00	Lunch	
13:00	Session 2: European updates	Chair:
	European Commission	Maria Velkova, European Commission
	Poland	Elżbieta Wróblewska, Ministry of Economy
	Norway	Mette Agerup, Ministry of Petroleum and Energy, Norway (invited)
	Portugal	Teresa Ponce de Leão, National Laboratory on Energy and Geology (invited)
14:30	Coffee	
15:00	Session 3: Rest of world updates	Chair:
	United States	Jordan Kislear, Department of Energy
	Canada	Kathryn Gagnon, Natural Resources Canada (invited)
	Government of Victoria, Australia	(invited)
	North Dakota	TBC
17:00	Closing remarks	
19:30	Dinner	

Day 2: Thursday, 23 April 2015**09:00 Session 4: Review of Liability Workshop**

There is a challenge in quantifying the economic or financial cost of the assumption of liability for a CO₂ storage project. The IEA will host a workshop on 20-21 April in Paris to explore this issue. The outcomes of this workshop will be presented for discussion at the Regulatory Network.

Panelists: Sean McCoy, IEA; Ian Havercroft, Global CCS Institute

09:30 Session 5: Permitting processes: project and regulator perspectives

We have recently seen the issuance of several CO₂ storage permits around the world. This session will explore the experience of regulators and projects in the permitting process and will hopefully provide interesting and useful insights for other regulators in the design or implementation of their legal and regulatory frameworks. The next edition of the Legal and Regulatory Review will focus on permitting processes and therefore provide a valuable input into the session.

Panelists: Scott McDonald, Archer Daniels Midland (invited); Jon-Paul Jepp, Shell; Ward Goldthorpe, UK Crown Estate; Government of Victoria (invited)

11:00 Coffee**11.30 Session 6: Interaction of CCS regulation and domestic and international emissions reduction schemes**

Emissions reduction schemes of whatever form which internalize the cost of CO₂ emissions will be needed to drive CCS deployment at any considerable scale. Regulators and policy makers will need to consider how these schemes interact with CCS/CCUS projects; including what is necessary to establish that CO₂ is being permanently stored, which party in the CCS chain receives the credit or avoids liability for emitting CO₂, and whether there is scope for recognizing negative emissions through BECCS or other similar processes. This session would explore the interaction of CO₂ storage regulation with domestic and international emissions reduction schemes and is particularly topical given the upcoming UNFCCC COP meetings in Paris at the end of the year.

Panelists: Jason Toner, Alberta Energy (TBC); Paul Zakkour, Carbon Counts (invited); Marianna Bolshakova, UNFCCC (invited); TBC

13.00 Lunch**14:00 Session 7: EOR regulations: lessons learned from US experience**

Many CCS projects currently in the development pipeline intend to sell captured CO₂ for CO₂-flood EOR. CO₂-flood EOR has been practiced in the US for decades, however not with the intention of permanently storing CO₂. There is increasing interest in EOR internationally, particularly in China and the Middle East, as a means to increase oil recovery but also as a CO₂ storage option and an enabler of CO₂ capture. This session offers insights into the EOR industry and its current regulatory treatment for the benefit of regulators and policy makers which may be considering EOR in their own context/jurisdiction. The session will include insights from EOR operators to regulators of EOR projects, and discuss issues such as site selection, current approaches to MMV/MVA.

Panelists: Neils Peter Christensen, Gassnova, Ahmed Aleidan, Saudi Aramco (invited); John Harju,

University of North Dakota; Chaparral Energy (invited)

15:30 Closing Session: Summary

Summary and closing remarks

16:00 Close

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