

Strategies to Advance Carbon Capture

What are the Priority Needs to Advance and Deploy Carbon Capture and Strategies to meet these Needs?

ORGANIZED BY THE CARBON MANAGEMENT TECHNOLOGY PROJECT

Thursday, March 15, 2018

Held at Hunton & Williams LLP

2200 Pennsylvania Ave. NW

Washington, D.C. 20037



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Chairs:

Dale Keairns	Deloitte Consulting LLP
Haroon Kheshgi	ExxonMobil Research and Engineering Company
Ron Munson	Cogentiv Solutions LLC

Participants:

Mark Ackiewicz	U.S. Department of Energy
Shannon Angielski	Carbon Utilization Research Council
Jeff Bobeck	Carbon Capture Coalition
Brad Crabtree	Great Plains Institute
Julia d'Hemecourt	Hunton & Williams
Walker Dimmig	Net Power
William R. Elliott	Bechtel Infrastructure
Jeff Erikson	Global Carbon Capture and Storage Institute
José D. Figueroa	U.S. DOE National Energy Technology Laboratory
Janet Gellici	National Coal Council
Jon Gibbons	University of Sheffield
Michael Godec	Advance Resources International
John Harju	Energy & Environmental Research Center
Howard J. Herzog	Massachusetts Institute of Technology
Brian W. Hill	Southern States Energy Board
Michael Holmes	Lignite Energy Council
Daniel Kim	Occidental Petroleum Corporation
Matt Lucas	Center for Carbon Removal
Scott McDonald	Archer Daniels Midland Company
Michael Moore	East West Strategic Advisors
Frank Morton	National Carbon Capture Center
Jazmín Mota	Mexico's Ministry of Energy
Jeffrey N. Phillips	Electric Power Research Institute
Joseph B. Powell	Shell
Richard Reavey	Cloud Peak Energy
Chris Romans	Mitsubishi Heavy Industries America
Ashleigh Ross	BP
Surinder Singh	NICE America/China Energy
John Thompson	Clean Air Task Force

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Agenda

8:00 a.m.	<i>Workshop Opens</i>
8:30 a.m.	Opening Statements <ul style="list-style-type: none">– Introduction and Welcome by <i>Haroon Kheshgi (ExxonMobil Research and Engineering Company)</i> and <i>Julia d'Hemecourt (Hunton & Williams)</i>– Roundtable introduction of all participants
9:00 a.m.	Status and Role of Carbon Capture Utilization & Storage (CCUS): Presentations and Discussion – Facilitator: <i>Haroon Kheshgi (ExxonMobil Research and Engineering Company)</i> <ul style="list-style-type: none">– CCS Status: Projects and Policies – <i>Jeff Erikson (Global Carbon Capture and Storage Institute)</i>– CCS Technology and Scenarios – <i>Howard J. Herzog (Massachusetts Institute of Technology)</i>
10:00 a.m.	<i>Break</i>
10:15 a.m.	CCUS Priority Needs and Opportunities: Regions – Facilitator: <i>Dale Keairns (Deloitte Consulting LLP)</i> <i>What are the CCUS priority needs, opportunities, and challenges in general and specific to these regions?</i> <ul style="list-style-type: none">– USA: Initial comments by <i>Michael Moore (East West Strategic Advisors)</i>– Asia: Initial comments by <i>Surinder Singh (NICE America/China Energy)</i>– Europe: Initial comments by <i>Jeff Erikson (Global Carbon Capture and Storage Institute)</i>– Mexico: Initial comments by <i>Jazmín Mota (Mexico's Ministry of Energy)</i>
12:00 p.m.	<i>Lunch</i>
1:00 p.m.	CCUS Priority Needs and Opportunities: Focus Areas – Facilitator: <i>Ron Munson (Cogentiv Solutions LLC)</i> <i>What are the CCUS priority needs, opportunities, and challenges for these topics?</i> <ul style="list-style-type: none">– Capture Technology: Initial comments by <i>Chris Romans (Mitsubishi Heavy Industries America)</i>– EOR and Storage: Initial comments by <i>Mike Godec (Advanced Resources International)</i>– Regulation and Policy: Initial comments by <i>John Thompson (Clean Air Task Force)</i>– Organizations and Cooperation Opportunities: Initial comments by <i>Brian Hill (Southern States Energy Board)</i>
3:45 p.m.	<i>Break</i>
4:00 p.m.	CCUS Summary Discussion: Strategies and Roles – Facilitator: <i>Haroon Kheshgi (ExxonMobil Research and Engineering Company)</i> <ul style="list-style-type: none">– Priority Needs and Opportunities: <i>Given the needs, opportunities, and challenges identified, what are the strategies for action?</i> CCUS Summary Discussion: Next Steps – Facilitator: <i>Dale Keairns (Deloitte Consulting LLP)</i> <ul style="list-style-type: none">– Recommendations for the Carbon Management Technology Project (CMTP): <i>What are potential roles for the CMTP in advancing these strategies for action?</i>
5:00 p.m.	<i>Workshop Adjourns</i>

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For more information, please visit us at the CMTTP Website: <http://fscarbonmanagement.org>

Notes:

