



U.S. DEPARTMENT OF
ENERGY

Fossil
Energy



Carbon Capture Utilization and Sequestration Roadshow Washington, D.C. Workshop

January 28, 2020

Ronald Reagan Building and International Trade Center
Rotunda
1300 Pennsylvania Ave, NW
Washington, DC 20004

8:00 AM-8:30 AM **Registration**

8:30 AM- 8:45 AM **Welcoming, Morning Keynote Speaker– Steve Winberg, Assistant Secretary for Fossil Energy with introduction by Barry Worthington, Executive Director of the United States Energy Association**

8:45 AM-9:45 AM **Session 1: Commercial Deployment – All Sectors, from ICCUS to CCUS**
Advancing Carbon Capture technology to commercial deployment is a multi-step process from research to fitting commercial applications. This session will map the process and provide an overview of successful commercial CCUS projects.

MODERATOR – **Charles McConnell**, Energy Center Office of the Center for Carbon Management and Energy Sustainability at University of Houston

Several stakeholders TBN

Beth Hardy, The CCS Knowledge Center Sask Power Boundary Dam

9:45 AM-10:45 AM **Session 2: Incentives, Drivers, Market, and Funding – 45Q and CRS/ESG Drivers, Plus Coverage of Incentive Programs Being Proposed**

From basic research to commercial application, CCUS technology deployment benefits from economic incentives and market drivers. This session will discuss the market for CCUS projects and how the suite of fiscal and economic incentives and trends in CRS and ESG can drive project development.

MODERATOR – **Nigel Jenvey**, Global Head of Carbon Management, Gaffney, Cline & Associates

David Lohman, Partner Hunton-Andrews-Kurth

N. Hunter Johnson, Steptoe & Johnson, LLP

Mike Nasi, Partner, Jackson Walker LP

10:45 AM-11:00 AM **Break**

11:00 AM-11:45 AM **Session 3: Technology Today and Over the Horizon**

Advances in CO₂ capture and carbon management technologies are projected to drive down the cost of CCUS projects. This session will provide an overview of technologies

recently advanced by research conducted at DOE, NETL and other institutions, discuss future research opportunities, and link current and future research to potential new products and applications for capturing and utilizing CO₂.

MODERATOR – Shannon Angielski, Principal at Van Ness Feldman LLP, Executive Director of the Carbon Utilization Resource Council

Brian Anderson Director National Energy Technology Lab Latest Developments

Angelos Kokkinos, Associate Deputy Assistant Secretary for Clean Coal and Carbon Management Office of Fossil Energy at the DOE

Ron Munson, Principal and Founder of Cogentiv Solutions LLC

11:45 AM-1:00 PM **Lunch KEYNOTE Speaker Chad Rupe Administrator Rural Utilities USDA On CCUS and Rural Development Funding. with introduction by Barry Worthington, Executive Director of the United States Energy Association.**

1:00 PM-1:45 PM **Session 4: Utilization – Commercialization of Captured CO₂**

The growing market for carbon is a major driver for CCUS projects. This session will identify emerging opportunities for carbon, from EOR to DOE research.

MODERATOR - Keith Tracy, President Principal Corner Post CO₂ LLC

Jeff Bobeck, Director of Energy Policy Engagement and Co-Manager of the Carbon Capture Coalition, Center for Climate and Energy Solutions

Janet Gellici, CEO, National Coal Council

John Litynski, Deputy Director, Advanced Fossil Technology Systems, DOE

1:45 PM -2:30 PM **Session 5: Infrastructure – Federal and State Programs**

The maturing carbon market is driving demand for CO₂ pipelines and related (compression/oil/processing/gas/NGL/water) infrastructure. This session will examine factors that must be addressed to support CO₂ infrastructure development, including tribal land issues and harmonization of interstate laws and regulations.

MODERATOR - CJ Stewart, National Tribal Energy Association

Jason Begger, Executive Director, Wyoming Infrastructure Authority

Darrell Ricketson, COO, Kinder-Morgan CO₂

William Swetra, Strategy Analyst Oxy Low Carbon Ventures

2:30 PM-2:45 PM **Break**

2:45 PM-3:30 PM **Session 6: Geologic Storage**

Research in geologic CO₂ storage continues to result in new technologies required to securely contain CO₂. Session 6 will review current geologic storage projects, issues related to storage, monitoring and verification, and best use practices that will support storage standards and regulations.

MODERATOR - John Harju, Vice President for Strategic Partnerships, EERC

Kipp Coddington, Director, Center for Energy Regulation & Policy, University of Wyoming

Sallie E. Greenberg, Ph.D. is the Associate Director of Energy and Minerals at the Illinois State Geological Survey

3:30 PM-4:15 PM

Session 7: Policy and Regulation

With Sessions 1-6 as context, this session will review federal and state policies that are driving CCUS projects and technology deployment.

MODERATOR – **Rich Powell**, Executive Director, ClearPath

Fred Eames Partner Hunton Andrews Kurth

Jessie Stolark, VP, Great Plains Institute and the Carbon Capture Coalition

4:15 PM

Closing Remarks and Adjourn