

Paving the way for the Insurance and Finance Industries Through De-Risking CCUS Agenda

September 8, 2022

USEA Headquarters, Washington DC

- 9:00-9:20 Welcome, Introductions, Purpose of Seminar, Safety Protocols
(USEA, DOE, Battelle)
- 9:20-9:40 *The Basics of CCUS: An Expert's Overview*
Describes the science, process, and benefits of CCUS to a general audience.
Dr. Sallie Greenberg, Principal Research Scientist – Energy and Minerals,
Illinois State Geological Survey
- 9:40-10:00 *DOE Perspective: Priorities of De-risking CCUS*
Outlines the DOE's approach and priorities to de-risking CCUS. How are the
DOE programs helping with De-risking? What are the gaps?
DOE OFFICIAL: To be announced
- 10:00-10:30 *Defining Risk: Definitions Used to Create this Experience*
Outlines the idea of risk in a CCUS context, and examines the events, threats,
and consequences learned - Induced Seismicity, CO₂ Leakage, and
Environmental Justice. Also explores evolving issues/concerns related to DAC,
hydrogen, BECCS, etc.
Jared Hawkins, Subsurface Scientist, Battelle
- Listening Sessions/Learning Outcomes: Our Methodology*
Examines the approach taken by this team to understand de-risking in the CCUS
space, outlines the individual and large-scale listening session
questions/participants, provides common learning points/themes from answers.
Joy Frank-Collins, Energy Resilience Marketing and Communications
Specialist, Battelle
- 10:30-10:45 *Networking Break*
Attendees are encouraged to visit the hands-on CCUS learning stations available
throughout the room (staffed by Battelle representatives).
- 10:45-11:05 *Monetizing Risk/Managing Risk/Identifying a Path Forward for Financial
Assurance*
Chiara Trabucchi, Principal, Industrial Economics
- 11:05-12:00 *Understanding Risk in CCUS: Panel Discussion #1*
Panelists: Sahar Bakashian, Christine Economides, Adam Seitchik, Matt
Flannery
Moderator: Michael Moore
- 12:00 to 12:15 Q/As and Open Discussion

12:15-1:00 Lunch (TBD)

1:00-1:50 *Risk Mitigation Opportunities: Panel Discussion #2*
Objectives - Examines mitigation opportunities that are inherent in the project development process. Technical and non-technical.

- Site validation: The geologic investigation and Class VI process will be covered to show technical risk mitigation
- Monitoring and Maintenance: The requirements, process, and mechanisms for monitoring
- Legislation, regulatory certainty
- Public Opposition

Panelists: James Mackey, Sasha Mackler, Jeff Erikson

Moderator: Fred Eames

1:50-2:40 *Project Implementation Case Studies: Lessons Learned from Projects on the Ground: Panel Discussion #3*
Objectives - Learn about how active or planned projects are understanding and mitigating overall project risks in a holistic manner. Explores the realities of how commercial and demonstration projects defined and mitigated risk/events.

Panelists: Jackie Gerst, Brian Hill, Nalin Gupta

Moderator: Sasha Mackler

2:40-3:00 *Networking Break*

Attendees are encouraged to visit the hands-on CCUS learning stations available throughout the room (staffed by Battelle representatives).

3:00-4:00 *Applying and Accepting Risk in CCUS for the Insurance/Re-Insurance and Finance Industries: Panel Discussion #4*
Objectives - Uncovers the acceptable, unacceptable, and everything in-between when it comes to weighing risks related to CCUS projects.

Panelists: Chiara Trabucchi, Fred Eames, Dan McGarvey, Gary Price

Moderator: Michael Moore

4:00-4:25 *DOE Perspective: Environmental, Energy, and Equity Justice*
Outlines where the financial/insurance aspects related to CCUS intersect with EEEJ.

DOE OFFICIAL: To be announced

4:25-4:40 *Final Q&A - Battelle*

4:40-5:00 *Closing remarks*
Battelle, DOE, and USEA