



Canada



KNOWLEDGE SHARING

IN MVA/MMV IN
CCS DEMONSTRATION
PROJECTS AND LARGE
SCALE CO₂
INJECTION TESTS

MOBILE, ALABAMA
MAY 16-17, 2012



Welcome to Mobile, Alabama!

Thank you for attending the Knowledge Sharing in MVA/MMV in CCS Demonstration Projects and Large Scale CO₂ Injection Tests Workshop. Experts from Belgium, Canada, Italy, Norway, Spain, and the United States are gathered here to share lessons learned from CCS projects across the globe. As we begin the Workshop, there are a few items that you should keep in mind during your visit.

ATTIRE

May 16 Workshop: Business Casual

May 16 Dinner: Business Casual or Casual

May 17 Tour: Casual

TOUR REMINDERS

In preparation for the tour, be sure to adhere to the following rules and guidelines.

- Safety first! Do not wander away from the group. If there is something you want to see, please ask and the appropriate personnel will escort you.
- Valid photo identification is required.
- Long pants (jeans are appropriate) must be worn during the tour.
- Closed toe shoes (sturdy shoes, hiking boots, or steel toe boots if you have them) must be worn during the tour.
- Safety glasses are required (will be provided).
- Hard hats are required (will be provided).
- NO CAMERAS, including mobile phones, can be used to take photographs of the facilities. Designated photographers will be on site and images will be provided upon request.

WEATHER

Weather can be unpredictable along the Gulf Coast. Be sure to bring an umbrella and/or light raincoat.

CONFERENCE PROCEEDINGS

Presentations will be available via the Southeast Regional Carbon Sequestration Partnership (secarbon.org) and Global CCS Institute (globalccsinstitute.com) websites. Instructions for accessing the files will be provided in an email following the conference.

CONFERENCE ORGANIZERS

Conference organizers include the Southeast Regional Carbon Sequestration Partnership, the Southern States Energy Board, the Global CCS Institute, Natural Resources Canada, the European CCS Demonstration Project Network, and the United States Department of Energy.

QUESTIONS

If you have any questions regarding the program or need assistance while in Mobile, look for someone wearing a red "STAFF" nametag ribbon or representing one of the conference organizers listed above.

TUESDAY, MAY 15, 2012

4:00 - 6:00 p.m. **Sharing Lessons Learned in Implementing CO₂ Injection**
Bienville Square, 3rd Floor

Dr. Gerald Hill, of the Southern States Energy Board's Southeast Regional Carbon Sequestration Partnership (SECARB), will lead an informal roundtable on lessons learned from implementing projects involving CO₂ injection. Topics of interest include, but are not limited to, permitting, site characterization, well drilling and completion, well mechanical integrity testing, etc.

9:00 – 9:30 p.m. **Speakers' Gathering**
The Battle House Renaissance Mobile Hotel Lobby

If you are providing a talk during the Workshop, please visit the conference planning committee in the lobby of The Battle House Renaissance Mobile Hotel to submit your presentation file. Look for the "Knowledge Sharing" sign.

WEDNESDAY, MAY 16, 2012

7:00 a.m. **Registration**
Moonlight Ballroom Foyer, 2nd Floor

8:00 a.m. **Welcome and Remarks (Continental Breakfast provided)**
Moonlight Ballroom Salons C, D, & E, 2nd Floor

Bob Wright, U. S. Department of Energy
Claude Gauvin, Natural Resources Canada
Vic Der, Global CCS Institute

8:05 a.m. **European CCS Demonstration Project Network**
Simon Bennett, European CCS Demonstration Project Network, European Commission

8:15 a.m. **Southern Company CCS Project Portfolio**
Richard Esposito, Southern Company

8:35 a.m. **Illinois Basin-Decatur Project, USA**
Rob Finley, Illinois State Geological Survey
Midwest Geological Sequestration Consortium (MGSC)

9:05 a.m.	Bell Creek, USA Charlie Gorecki, Energy and Environmental Research Center Plains CO ₂ Reduction Partnership (PCOR)
9:35 a.m.	Cranfield Large Scale CO₂ Injection, USA Michael Young and Susan Hovorka, Gulf Coast Carbon Center Bureau of Economic Geology, The University of Texas at Austin Southeast Regional Carbon Sequestration Partnership (SECARB)
10:05 a.m.	Open Discussion
10:10 a.m.	Networking Break <i>Moonlight Ballroom Foyer, 2nd Floor</i>
10:45 a.m.	Shell Quest, Canada Mauri Smith, Shell Canada
11:15 a.m.	Fort Nelson, Canada Mark Jenkins, Spectra Energy
11:45 a.m.	Weyburn-Midale and Aquistore, Canada Neil Wildgust, Petroleum Technology Research Centre
12:15 p.m.	Open Discussion
12:30 p.m.	Working Lunch <i>Crystal Ballroom, Lobby Level with Access from 2nd Floor Staircase</i>
2:00 p.m.	Monitoring in a CCS project, the relevance of baseline, Porto Tolle, Italy Silvana Iacobellis, Enel
2:30 p.m.	Sleipner, Norway Sveinung Hagen, Statoil
3:00 p.m.	Cospostilla Project, Spain Andrés Pérez Estaún, CIUDEN
3:30 p.m.	Open Discussion
3:45 p.m.	Networking Break <i>Moonlight Ballroom Foyer, 2nd Floor</i>
4:15 p.m.	Workshop Lessons Learned/Takeaways? Ernie Perkins, Global CCS Institute

- 5:00 p.m.** **Next Steps**
Gerald Hill, Southern States Energy Board
Southeast Regional Carbon Sequestration Partnership (SECARB)
- 5:30 p.m.** **Recess for Day**
- 6:30 p.m.** **Depart The Battle House Renaissance Mobile Hotel for Dinner at Felix's Fish Camp**
Transportation Provided, RSA Battle House Tower Atrium, 1st Floor
- The **Global CCS Institute** is sponsoring a dinner for workshop participants at Felix's Fish Camp. A local favorite, Felix's is located on the Mobile Bay and serves a variety of seafood specialties.
- 8:30 p.m.** **Transportation from Felix's Fish Camp to The Battle House Renaissance Mobile Hotel**



**Audiovisual Equipment
Provided by:**



Canada

**Transportation
Provided by:**



THURSDAY, MAY 17, 2012

8:00 a.m. **Depart The Battle House Renaissance Mobile Hotel for Alabama Power's James M. Barry Electric Generating Plant**
Transportation Provided, RSA Battle House Tower Atrium, 1st Floor

A pre-boxed breakfast will be provided for all tour participants. It will include: fruit salad; muffin; granola bar; yogurt; bacon, egg and cheese biscuit; and orange juice. Coffee and tea will also be provided.

Security Clearance at James M. Barry Electric Generating Plant

9:15 a.m. **Welcome and Safety Briefing**
Assembly Room, Plant Barry

Richard Esposito, Southern Company
Ann Palmer, Southern Company

9:30 a.m. **Recap of Day 1**
Bob Wright, U.S. Department of Energy
Gerald Hill, Southern States Energy Board

9:45 a.m. **SECARB Monitoring Activities**

Capture Facility & CO₂ Stream Composition and Characterization
Ann Palmer, Southern Company

CO₂ Pipeline
Gary Dittmar, Denbury Resources, Inc.

CO₂ Injection/Storage Site
Dave Riestenberg, Advanced Resources International, Inc.

Experimental Technologies
Rob Trautz, Electric Power Research Institute

- 11:00 a.m.** **Tour Capture Facility**
- 12:00 p.m.** **Working Lunch**
Assembly Room, Plant Barry
- 1:00 p.m.** **Tour Project CO₂ Pipeline**
- 1:30 p.m.** **Depart for Denbury Resources, Inc.'s Office, Citronelle, Alabama**
- Safety Briefing and Sign-In**
- 2:45 p.m.** **Tour CO₂ Injection and Monitoring Sites**
- 4:30 p.m.** **End of the Tour and Depart Denbury's Office**
- 5:30 p.m.** **Return to The Battle House Renaissance Mobile Hotel**



Thank you to our site hosts!



