DOE-NETL Integrated Project Review Meeting: CCUS Integrated Projects
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Regions Associated with DE-FOA-002000 Recipients

SECARB-USA Region
Alabama
Arkansas
Florida
Georgia
Louisiana
Mississippi
North Carolina
South Carolina
Tennessee
Virginia

and portions of:
Kentucky
Missouri
Oklahoma
Texas
West Virginia

Map: NETL
Program Goal, Objective, and Research Areas

The SECARB-USA project supports the U.S. Department of Energy (DOE) Office of Fossil Energy's (FE) mission to help the United States meet its need for secure, affordable, and environmentally sound fossil energy supplies by utilizing the advancements made by the current Regional Carbon Sequestration Partnership (RCSP) Initiative to continue to identify and address knowledge gaps.

Identify and address regional onshore storage and transport challenges facing commercial deployment of carbon dioxide (CO₂) capture, utilization, and storage (CCUS) technologies.

Primary Research Areas:

1) address key technical challenges;
2) facilitate data collection, sharing and analysis;
3) assess transportation and distribution infrastructure; and
4) promote regional technology transfer and dissemination of knowledge.
SECARB-USA at a glance…

**Basics**
- 5-year project, start date 10/1/2019
  - Conditional award
- 2 phases (P) and 2 budget periods (BP)
  - PI/BP1 (3 years): 10/1/19-9/30/22
  - PII/BP2 (2 years): 10/1/22-9/30/24
- Federal $5,000,000 ($5 million/RI appropriated and currently under negotiation with NETL for scope enhancement)
- Non-Federal $1,335,136 (21%)
- 8 Subrecipients
- 1 National Laboratory
- 5 Industry Network Organizations – advisory capacity
- Existing Public-Private Partnership

**Primary Tasks**
- T1: Project Management & Planning
- T2: Technical Challenges
- T3: Data Collection, Sharing, and Analyses
- T4: Regional Infrastructure
- T5: Regional Technology Transfer

**Project-Specific Meetings**
- Annual Partners Meetings
- Annual Stakeholders’ Briefing
- Project Review Meetings and Kickoff and Final Briefings
Completed Deliverables and Milestones

• Participate in Project Kickoff Meeting
• Project Management Plan
• Data Management Plan
• Published Fact Sheet
• Published Webpage
Upcoming 2020 Deliverables and Milestones*

• Inventory Initial List of Non-Technical Challenges for CCUS*
• Needs Assessment Framework
• Preliminary Regional Assessment of Potential Storage Complexes, Including Capacities and Costs, Based on Application of NRAP and SCO2T
• Sub-basin Prospective Areas
• Data Quality Methodology
2021 Deliverables and Milestones*

• Complete Needs Assessment Framework for Storage Complexes*
• Host First Partners Meeting on Risk Needs for 2025 Commercial Deployment*
Thank you!