

Report from the Secretariat



Secretariat Updates

Report on CSLF Activities

Carbon Sequestration Leadership Forum (CSLF) Organization Chart



CSLF Activity Groups and Task Forces:

CSLF Policy Group

Capacity Building in Emerging Economies

Chair: Saudi Arabia

Financing Carbon Capture and Storage (CCS)

Chair: France

Policy Group Exploratory Committee

Chair: United States

- Communications
- Global Collaboration on Large-Scale CCS Projects
- Financing for CCS Projects
- Supporting Development for 2nd and 3rd Generation CCS Technologies
- Transitioning from CO₂-EOR to CCS

CSLF Technical Group

Reviewing Best Practices & Standards

Chair: Norway

PIRT

Chair: Australia

CO₂ Storage Efficiency in Deep

Saline Aquifers

Chair: Canada

Technical Barriers and R&D

Opportunities for Offshore, Sub-

Seabed Geologic Storage of Carbon

Dioxide (proposed)

Lead: United States

Policy Group-Exploratory Committee

- Communications
- Global Collaboration on Large-Scale CCS Projects
- Financing for CCS Projects
- Supporting Development of 2nd and 3rd
 Generation CCS Technologies
- Transitioning from CO₂-EOR to CCS

Secretariat Updates



- 1. 2014 CSLF Technology Workshop
 - Session 1: Cost Reduction Strategies for CO₂ Capture
 - Session 2: Examining Technology Pathways and Business Models for Scaling-up CCS
- 2. CSLF Finance Roundtable Paris on May 23, 2014
- 3. Upcoming Policy Group Meetings
 - Estimated June, 2014 (to be scheduled)
 - 4th Quarter 2014 (to be scheduled)
- 4. Policy Group Exploratory Committee



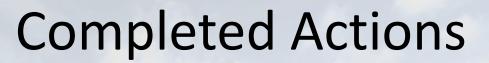
Report on CSLF Action Plan



Completed Actions (3)

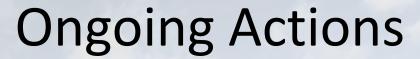
Ongoing Actions (3)

Proposed Actions (7)





	Title	Action	Status
	Technology Gaps Closure	The Technical Group will identify and monitor key CCS technology gaps and related issues and recommend any R&D and demonstration activities that address these gaps and issues.	Final report has been issued.
10000000000000000000000000000000000000	Technical Challenges for Conversion of CO ₂ -EOR to CCS	The Technical Group will determine the economic aspects that can affect moving from EOR to carbon storage.	Final report has been issued.
	CO ₂ Utilization Options	The Technical Group will investigate CO ₂ utilization options.	Final report has been issued.



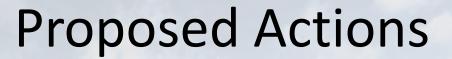


Title	Action	Status
Best-Practice Knowledge Sharing	The Technical Group will facilitate the sharing of knowledge, information, and lessons learned from CSLF-recognized projects and other CCS RD&D.	Activity has been assigned to PIRT and the Technical Group is holding workshops featuring CSLF-recognized projects.
Reviewing Best Practices and Standards for Geologic Storage and Monitoring of CO ₂	The Technical Group will identify and review standard for CO ₂ storage and monitoring.	Task force has been active since June 2012. Reports for 2012 and 2013 have been issued.
Review of CO ₂ Storage Efficiency in Deep Saline Aquifers	The Technical Group will recommend the proper storage efficiency coefficients to be used when estimating CO ₂ storage capacity.	New task force has been active since November 2013 and will build on previous task force and published literature.

Proposed Actions

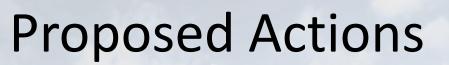


Title	Action	Status
Technical Barriers and R&D Opportunities for Offshore, Sub-Seabed Geologic Storage of CO ₂	The Technical Group will provide an assessment of the status of global offshore CO ₂ storage potential (including potential for offshore EOR).	Proposed new task forces. Background paper has been drafted.
Energy Penalty Reduction	The Technical Group will identify technological progress and any new research needs for reducing the energy penalty for CCS, both for traditional CO ₂ capture processes and new breakthrough technologies.	United Kingdom was asked to be lead and to report to the Technical Group on feasibility for activity in this area. Projected new task force would build on results from the United Kingdom's Cost Reduction Task Force.





Title	Action	Status
CCS with Industrial Emissions Sources	The Technical Group will document the progress and application of CCS for industrial emissions sources and will identify demonstration opportunities for CSLF Members.	South Africa was asked to be lead (with support from the United States and IEA GHG) and to report to the Technical Group on feasibility for activity in this area. Projected new task force would build on the Clean Energy Ministerial/IEA report that has been issued.
CO ₂ Compression and Transport	The Technical Group will review technologies and assess pipeline standard for CO ₂ transport	Japan was asked to be lead and to report to the Technical Group on feasibility for activity in this area.





Title	Action	Status
Competition of CCS with Other Resources	The Technical Group will examine criteria for assessing competing development priorities between CCS and other economic resources.	France was asked to lead and to report to the Technical Group on feasibility for activity in this area.
Life Cycle Assessment and Environmental Footprint of CCS	The Technical Group will identify and review methodologies for LCA for CCS.	Norway was asked to lead (with support from the United States and the IEA GHG) and to report to the Technical Group on feasibility for activity in this area.

Proposed Actions



Title	Action	Status
Carbon-neutral and	The Technical Group will	United Kingdom was asked
Carbon-negative CCS	investigate technical	to be lead (with possible
	challenges in use of CCS	support from the
	with power plants that	Netherland and the IEA
	utilize biomass (either pure	GHG) and to report to the
	or co-fired, to determine a	Technical Group on
	pathway toward carbon-	feasibility for activity in this
	neutral or carbon-negative	area.
	functionality.	

