



CSLF PIRT Meeting

Report by the CSLF Secretariat

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Washington, DC, USA

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Overview of Secretariat Activities



- Stakeholder/Project Sponsor Survey
- SPIR Update
- Proposed Changes to the CSLF Project Submission Form
- CSLF Strategic Plan/Action Plan — Status of Implementation
- Summary of Previous Year's Workshops

CSLF Project Recognition Survey



- ***Discussion Paper on Survey Results from the CSLF Project Recognition Survey (March-May 2008)*** contains a survey summary and a complete listing of the responses.
- **Report provided behind tab 4 of conference materials.**

CSLF Project Recognition Survey



➤ **Questions to stakeholders:**

1. Has your organization ever considered submitting a project to the CSLF for recognition?
2. What can the CSLF do to encourage project sponsors to apply for CSLF recognition?
3. What are the reasons for not seeking CSLF recognition?
4. Is your organization presently a sponsor of any of the 19 CSLF-recognized projects?

➤ **Questions to sponsors:**

1. What do you see as the value of CSLF recognition to a project sponsor?
2. What can be done to make CSLF recognition more attractive for project sponsors?

CSLF Project Recognition Survey – Stakeholders



1. Has your organization ever considered submitting a project to the CSLF for recognition?

➤ Yes (7)

➤ Intend to, after funding decisions are made (2)

➤ No (2)

CSLF Project Recognition Survey – Stakeholders



2. What can the CSLF do to encourage project sponsors to apply for CSLF recognition?

- Better promote endorsed projects, disseminate progress reports, and facilitate collaboration.
- Clarify and communicate the benefits.
- Use projects to coordinate the development of policy and regulatory frameworks.
- Widen areas of interest, not only "conventional" CCS.
- Seek out projects and solicit applications.

CSLF Project Recognition Survey – Stakeholders



3. What are the reasons for not seeking CSLF recognition?

- Benefits of doing so are not made clear.
- Administrative burden outweighs apparent benefits.
- Awaiting funding decisions/financial support.
- There is currently little apparent pay-off in terms of project promotion and collaboration.
- Lack of awareness of CSLF.

CSLF Project Recognition Survey – Stakeholders



4. Is your organization presently a sponsor of any of the 19 CSLF-recognized projects?

➤ Yes (7)

➤ No (4)

CSLF Project Recognition Survey – Project Sponsors



1. What do you see as the value of CSLF recognition to a project sponsor?
 - Opportunities for partnerships and domestic and international collaborations.
 - Distinguishes projects from rest of the pack.
 - Prestige/credibility.
 - Access to US DOE co-funding, or other potential funding.

CSLF Project Recognition Survey – Project Sponsors



1. What do you see as the value of CSLF recognition to a project sponsor?
 - Driver for involvement in other CCS projects; jurisdictions prefer funding projects that involve organizations with CSLF-recognized projects.
 - Helps open doors.
 - Project recognition process is helpful. CSLF criteria will need to evolve as more complex projects are initiated.
 - Conveys a sense of quality and relevance to CCS.
 - Kept informed about major CCS activities worldwide.

CSLF Project Recognition Survey – Project Sponsors



1. What do you see as the value of CSLF recognition to a project sponsor?
 - International, broad exposure and its contribution to CCS field.
 - CSLF reaches a wide audience and it helps to increase awareness of CCS issues and potential solutions.
 - Worldwide recognition of the validity of the project.

CSLF Project Recognition Survey – Project Sponsors



2. What can be done to make CSLF recognition more attractive for project sponsors?

- Increase the profile of projects and encourage members to work together rather than developing competing projects.
- Multilateral agreements among members that facilitate collaboration.
- Seed funding for initiating collaborative projects through CSLF recognition.
- Show how outputs from projects are used for policy development.

CSLF Project Recognition Survey – Project Sponsors



2. What can be done to make CSLF recognition more attractive for project sponsors?
 - Pay for travel to present results at CSLF meetings.
 - Invite project sponsors to present on the project's the progress, opportunities and technology advancement.
 - Use projects to coordinate the development of policy and regulatory frameworks to enable industrial-scale CCS projects.
 - Develop a way for the CSLF to demonstrate its value through national members or by providing better access to endorsed projects.

CSLF Project Recognition Survey – Project Sponsors



2. What can be done to make CSLF recognition more attractive for project sponsors?

- Establish and support an International Scientific CCS Program as an umbrella for CCS activities.
- More rigorous standards for endorsement would help increase the prestige.
- Help facilitate project communications. Provide staff to help with more detailed project reporting and information dissemination.
- Do a better job of publicizing projects, the companies sponsoring these projects, and collaborators.

CSLF Project Recognition Survey – Project Sponsors



2. What can be done to make CSLF recognition more attractive for project sponsors?

- Need to continually adapt the criteria to position CSLF recognition as the "leading edge" of global CCS projects so that recognition means more and others can truly learn from the projects.
- Provide calendar of events far in advance.
- Better group project information together.
- Provide podcasts of CSLF meetings for those that can't attend.

CSLF Project Recognition Survey – Project Sponsors



2. What can be done to make CSLF recognition more attractive for project sponsors?

- Organize outreach activities; provide forums for exchange of experiences and results between the projects.
- Go back to the original concept of truly “lighthouse” projects, where CO₂ is actually being captured and/or injected. Set recognition standards higher so that endorsement is something to be sought keenly because it is so prestigious.

SPIR –Table of Contents



Task Force Reports

Policy Group

Capacity Building Task Force

Communications Task Force

Strategic Plan Committee

Technical Group

Projects Interaction and Review Team
(PIRT)

Other Reports

Report from CSLF Secretariat

Report from Stakeholders

Summary of Stakeholder
Meetings

Strategic Plan Implementation Report (SPIR)



Status Reports from CSLF Recognized Projects (October 2008)

Alberta Enhanced Coalbed Methane
Recovery Project

CO₂ Capture Project, Phase 2 (CCP2)

CO₂ GeoNet Project

CO₂CRC Otway Project

CO₂ Separation from Pressurized Gas
Stream Project

Dynamis

ENCAP

Frio Brine Pilot Project

Geologic CO₂ Storage Assurance at
In Salah, Algeria

International Test Center (ITC) CO₂ Capture
with Chemical Solvents

Regional Carbon Sequestration
Partnerships

Regional Opportunities for Carbon Dioxide
Capture and Storage in China

Zama Acid Gas EOR, CO₂ Sequestration,
and Monitoring Project

Projects Submitting All Quarterly Reports



- **Alberta Enhanced Coal-Bed Methane Recovery Project**
- **CO₂ Capture Project**
- **Regional Carbon Sequestration Partnerships**
- **Zama Acid Gas EOR, CO₂ Sequestration, and Monitoring Project**

Projects without Quarterly Reports



- **Feasibility Study of Geologic Sequestration of CO₂ in Basalt Formations of (Deccan Trap) in India**

Quarterly Reports (SPIRs)



Project	July '07	Oct. '07	Jan. '08	Mar. '08	July '08	Oct. '08
Alberta Enhanced Coal-Bed Methane Recovery Project						
CANMET Energy Technology Centre (CETC) R&D Oxyfuel Combustion for CO ₂ Capture						
CASTOR						
China Coalbed Methane Technology/CO ₂ Sequestration Project						
CO ₂ Capture Project						
CO2CRC Otway Project						
CO ₂ Geonet						

Quarterly Reports (SPIRs)



Project	July '07	Oct. '07	Jan. '08	Mar. '08	July '08	Oct. '08
CO ₂ Separation from Pressurized Gas Stream						
CO ₂ SINK						
CO2STORE						
Dynamis						
ENCAP						
Feasibility Study of Geologic Sequestration of CO ₂ in Basalt Formations of (Deccan Trap) in India						
Frio Project						

Quarterly Reports (SPIRs)



Project	July '07	Oct. '07	Jan. '08	Mar. '08	Jul '08	Oct. '08
Geologic CO ₂ Storage Assurance at In Salah, Algeria						
IEA GHG Weyburn-Midale CO ₂ Monitoring and Storage Project						
ITC CO ₂ Capture with Chemical Solvents						
Regional Carbon Sequestration Partnerships						
Regional Opportunities for CO ₂ Capture and Storage in China						
Zama Acid Gas EOR, CO ₂ Sequestration, and Monitoring Project						



➤ Back-up



Quarterly Reports (SPIRs)



Project	Number of Submitted SPIRs (Max. 6)
Alberta Enhanced Coal-Bed Methane Recovery Project	6
CANMET Energy Technology Centre (CETC) R&D Oxyfuel Combustion for CO ₂ Capture	2
CASTOR	3
China Coalbed Methane Technology/CO ₂ Sequestration Project	2
CO ₂ Capture Project	6
CO ₂ CRC Otway Project	5 (Completed all SPIRs)
CO ₂ Geonet	5

Quarterly Reports (SPIRs)



Project	Number of Submitted SPIRs (Max. 6)
CO ₂ Separation from Pressurized Gas Stream	5
CO ₂ SINK	4
CO2STORE	2
Dynamis	1 (Completed all SPIRs)
ENCAP	4
Feasibility Study of Geologic Sequestration of CO ₂ in Basalt Formations of (Deccan Trap) in India	0
Frio Project	5

Quarterly Reports (SPIRs)



Project	Number of Submitted SPIRs (Max.6)
Geologic CO ₂ Storage Assurance at In Salah, Algeria	3
IEA GHG Weyburn-Midale CO ₂ Monitoring and Storage Project	3
ITC CO ₂ Capture with Chemical Solvents	5
Regional Carbon Sequestration Partnerships	6
Regional Opportunities for CO ₂ Capture and Storage in China	4
Zama Acid Gas EOR, CO ₂ Sequestration, and Monitoring Project	6