

# Carbon Sequestration leadership forum

CSLF-T-2010-10  
10 August 2010

[www.cslforum.org](http://www.cslforum.org)



## TECHNICAL GROUP

### Assessing Progress in Closing Technology-related Gaps

Barbara N. McKee  
*Tel:* +1 301 903 3820  
*Fax:* +1 301 903 1591  
[CSLFSecretariat@hq.doe.gov](mailto:CSLFSecretariat@hq.doe.gov)



## ASSESSING PROGRESS IN CLOSING TECHNOLOGY-RELATED GAPS

*Note by the Secretariat*

### Background

At its March 2010 meeting in Pau, France, the CSLF Technical Group formed a new Task Force to assess the progress on closing technology-related gaps that affect the deployment of CCS. This paper provides a background of the purpose and objectives of the new Task Force, and a list of its members.

### Action Requested

The Technical Group is requested to review and consider the Secretariat's paper.

# Assessing Progress in Closing Technology-related Gaps

## Background

Following meetings of the CSLF Projects Interaction and Review Team (PIRT) in Canberra (01-03 February 2010) and in Pau (15 March 2010), the CSLF Technical Group accepted a recommendation that a new Task Force be formed to assess the progress on closing technology-related gaps that affect the deployment of CCS. The work of the new Task Force will complement an ongoing activity of the PIRT to assess the level of CCS readiness of the existing 30 CSLF-recognized projects.

The Chair of the new Task Force is Clinton Foster of Australia. The Task Force incorporates four Working Groups:

- Capture Technologies Working Group (Chair: George Guthrie, United States)
- Transport and Infrastructure Working Group (Chair: Harry Schreurs, Netherlands)
- Storage Working Group (Chair: Stefan Bachu, Canada)
- Integration Working Group (Chair: Bill Koppe, Global CCS Institute)

The Working Groups will focus on the progress of each of the key elements that will affect the deployment of CCS. The Task Force will provide periodic updates; and the participation of both CSLF delegates and stakeholders will ensure that recent developments and achievements are reported on.

During its Canberra meeting, the PIRT developed a checklist of technology-related gaps which has since been incorporated into the CSLF Project Submission Form for new projects being proposed for CSLF recognition. Initially, each Working Group will examine the gaps checklist and identify any mistakes, wrong issues, and missing issues relevant to that Working Group, which will allow the Task Force to produce a revised gaps checklist. Each Working Group will then assess how the current CSLF-recognized projects address these gaps, and monitor other projects that address the same gaps.

## Task Force Membership

| Capture Technologies Working Group                             |                        |
|--|------------------------|
| Name   | Country / Organization |
| <i>CSLF delegates and Allied Organizations representatives</i> |                        |
| George Guthrie (Lead)  | United States          |
| Jeroen Schuppers   | European Commission    |
| Giuseppe Girardi   | Italy                  |
| Chang-Keun Yi  | Korea                  |
| José Miguel González Santaló                                   | Mexico                 |
| Arno Neveling (for Fred Goede)                                 | South Africa           |
| Mohammad AbuZahra  | IEA GHG                |
| <i>CSLF Stakeholders</i>                                       |                        |
| Kouros Zanganeh  | CANMET Energy          |
| Peter Holland-Lloyd  | Doosan Babcock         |
| John Topper  | IEA Clean Coal Centre  |
| Mohamed Pourkashanian  | University of Leeds    |

| <b>Transport and Infrastructure Working Group</b>              |   |
|--|---|
| <b>Name</b>  | <b>Country / Organization</b>                           |
| <i>CSLF delegates and Allied Organizations representatives</i> |   |
| Harry Schreurs (Lead)  | Netherlands   |
| Esthios Petevs   | European Commission                                     |
| Nikolaos Koukouzas   | Greece  |
| Aage Stangeland (for Trygve Riis)                              | Norway  |
| Mike Haines  | IEA GHG   |
| <i>CSLF Stakeholders</i>                                       |   |
| Yannan Wu  | Euro-Asian Centre for Environment and Education (EACEE) |
| Steve Carpenter  | Marshall Miller & Associates                            |

| <b>Storage Working Group</b>                                   |  |
|--|--|
| <b>Name</b>  | <b>Country / Organization</b>                |
| <i>CSLF delegates and Allied Organizations representatives</i> |  |
| Stefan Bachu (Lead)  | Canada                                       |
| Xiaochun Li  | China  |
| Jeroen Schuppers   | European Commission                          |
| Didier Bonijoly  | France                                       |
| Nikolaos Koukouzas   | Greece                                       |
| Sergio Persoglia   | Italy  |
| Shinichi Terada  | Japan  |
| <i>CSLF Stakeholders</i>                                       |  |
| Robert F. Van Voorhees   | Carbon Sequestration Council                 |
| John Bradshaw  | CO <sub>2</sub> Geological Storage Solutions |
| Olandan Davenport  | Davenport & Associates                       |
| Ed Steadman  | Energy & Environmental Research Center       |
| Ronald Sweatman  | Halliburton                                  |
| Rajesh Pawar   | Los Alamos National Laboratory               |
| Axel Liebscher   | Ketzin Project                               |
| Steve Whittaker  | Petroleum Technology Research Centre         |

| <b>Integration Working Group</b>                               |                               |
|--|-------------------------------|
| <b>Name</b>  | <b>Country / Organization</b> |
| <i>CSLF delegates and Allied Organizations representatives</i> |                               |
| Bill Koppe (Lead)  | Global CCS Institute          |
| John Davison   | IEA GHG                       |
| <i>CSLF Stakeholders</i>                                       |                               |
| Robert F. Van Voorhees   | Carbon Sequestration Council  |
| Arthur Lee   | Chevron                       |
| Olandan Davenport  | Davenport & Associates        |
| Norman Shilling  | GE Energy                     |
| Mohamed Pourkashanian  | University of Leeds           |