



MEETING SUMMARY

CCS in the Academic Community Task Force Meeting
Edmonton, Alberta, Canada
18 May 2011

Prepared by the CSLF Secretariat

LIST OF PARTICIPANTS

Australia:	Clinton Foster
Brazil:	Paulo Rocha, Paulo Negrais Seabra
Canada:	Alan Laundry
China:	Qi Li
France:	Didier Bonijoly
Germany:	Jürgen-Friedrich Hake
Italy:	Sergio Persoglia
Japan:	Ryo Kubo
Saudi Arabia:	Khalid Abuleif, Abdulmuhsen Al-Sunaid
South Africa:	Fred Goede
United Kingdom:	Philip Sharman
United States:	Joseph Giove
Global CCS Institute:	Ian Hayhow
IEA GHG:	Ameena Camps (Acting Chair)
CSLF Secretariat:	John Panek, Rich Lynch

1. Welcome and Review of Task Force Activities

Acting Chair Ameena Camps welcomed the attendees to the fourth meeting of the Task Force and provided a brief progress report on the Task Force. The mission of the Task Force is to identify and engage academic programs on carbon capture and storage (CCS) throughout the world, and help determine path forward for CSLF in this area. The Task Force is currently in Stage 1 (reviewing CCS in academic courses) and is engaged in two main activities: mapping of institutions that offer postgraduate degree programs involving CCS and development of a students' website for CCS.

As for the worldwide mapping of academic institutions with postgraduate CCS programs, Dr. Camps reported a draft report has been completed by Brazil's Carbon Storage Research Center (CEPAC) that includes academic programs in Argentina, Brazil, Canada, Chile, Colombia, Ecuador, Italy, Mexico, the Netherlands, Portugal, South Africa, Spain, the United Kingdom, the United States, Uruguay, and Venezuela. Information about other countries is needed so that this report can be made as comprehensive as possible in time for the upcoming CSLF Ministerial Meeting.

The students' website is intended to facilitate information exchange, interaction and networking, discussion, and collaboration between students and/or professionals on CSLF-related topics. Dr. Camps stated that development of the website has proven difficult, and that the CSLF Secretariat is currently exploring options for how to get it implemented.

2. Approval of Summary from October 2010 Meeting in Warsaw

The Summary of the previous Task Force meeting of October 2010 in Warsaw, Poland, was approved with no changes.

3. Update on Students' Website

John Panek briefly reviewed options for the students' website. Development of this website is somewhat dependent on available resources, and Mr. Panek stated that a website featuring a bulletin board structure is being considered.

4. Update on Worldwide Mapping of Academic Institutions that Offer Postgraduate Courses in CCS

Dr. Camps highlighted the progress of the draft report since the previous Task Force meeting, noting China joined the Task Force to assist in extending the survey, the draft report was sent for comment in October 2010 with a deadline of February 2011, and no comments or additions have been received to date. During ensuing discussion, Philip Sharman noted some important countries are not represented in the report, including China, Australia, Germany, Norway, and India. Clinton Foster stated that a summary for Australia has been done and he would locate it after the meeting. Joseph Giove noted that at some point the report will need to be finalized, and inquired if it would be better to issue it with some gaps in coverage or to take the time to do more research. Rich Lynch suggested the report could be issued as a work-in-progress. Paula Negrais Seabra and Mr. Sharman both agreed, but advised that report not omit important countries such as China and Germany.

There was also discussion about the timing for completion of the report, and the importance of the upcoming Ministerial Meeting. Mr. Panek stated that the CSLF Secretariat needs a final draft by August 1, so that it can be prepared for posting on the CSLF website in accordance with the one month deadline for posting of all documents prior to the Ministerial Meeting. In the end, there was consensus on a June 30 deadline for submission of new information for the report. CEPAC and the IEA GHG will have the lead for producing a final draft of the report in time for the August 1 deadline for getting the report to the Secretariat.

5. Discussion of Ideas for Future Task Force Deliverables

Dr. Camps explained the requirement of the Task Force to produce an update of the Strategic Plan, going forward to 2016, and inquired if there were other products the Task Force should have ready for the Ministerial Meeting. Mr. Lynch suggested that a solid forward work plan would be a good deliverable. Abdulmuhsen Al-Sunaid noted that an overlap exists between this Task Force and the CSLF Capacity Building Task Force, and that any action plan should include coordination between the two Task Forces. Mr. Sharman highlighted that it would be useful to show movement and change for the Task Force, not just status quo; it would be good to show how CCS in academia is growing by indicating the rate of change, and the five

year plan should include revision of the mapping activity while tracking change. Jürgen-Friedrich Hake suggested that the Task Force could provide a brief statement for the Ministers showing what has been analyzed with major conclusions, and asking for Ministerial buy-in for these conclusions.

Other activities for the Task Force were also proposed. Mr. Al-Sunaid suggested that a forum of academics could be included in a future CSLF meeting if not the Ministerial itself. Mr. Hake stated that the mapping report should be just a beginning, and that the Task Force could also try some outreach activities that would serve to increase the connectivity between various academic programs as well as increase the visibility of the CSLF in the academic community. Mr. Lynch suggested that the Task Force might try to gather non-proprietary information from CSLF-recognized projects and make it into a form that can be taught in academic institutions as course material.

Dr. Camps agreed the mapping activity should be an iterative process and analysis of such would allow for further discussion of active CSLF involvement, such as suggested development of course materials; highlighting the suggestion the Task Force could provide a forum for academics to encourage taught activity growth and collaboration, and it is worth investigating the possibility of such dedicated CSLF workshops or meetings. It was noted that Ministerial Steering Committee needs the five-year action plan for the Task Force by about June 30. There was consensus that Dr. Camps, as Acting Task Force Chair, will work the ideas brought forth during this meeting into a draft of an action plan. She indicated the draft action plan would then be sent to Task Force members via email for comment and further development.

6. New Business / Adjourn

The next meeting of the Task Force will be at the CSLF Ministerial Meeting, in Beijing, China in September 2011.

Dr. Camps thanked the meeting participants for their involvement in the Task Force and adjourned the meeting.

Action Items

Item	Lead	Action
1	Task Force Members	Provide information for Stage 1 Report by June 30.
2	IEA GHG and CEPAC	Provide Secretariat final draft of Stage 1 Report by August 1.
3	Task Force Acting Chair	Work ideas brought forth during the meeting into a draft Action Plan for Task Force for submission to the Ministerial Steering Committee by June 30.