# Carbon Sequestration leadership forum

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#### **MEETING SUMMARY**

CCS in the Academic Community Task Force Meeting
Warsaw, Poland
06 October 2010

Prepared by the CSLF Secretariat

#### LIST OF PARTICIPANTS

Australia: Lila Gurba, Aleksandra Kalinowski, Bruce Murphy

Brazil: Marcelo Ketzer (Chair) Germany: Jürgen-Friedrich Hake

Poland: Jarosław Chećko, Andrzej Guła, Piotr Kisiel, Aleksandra Koteras,

Marcin Mazurowski, Andrzej Siemaszko, Elżbieta Wróblewska,

Marek Zaborowski

South Africa: Tony Surridge

IEA GHG: Tim Dixon (Vice Chair)

CSLF Secretariat: Rich Lynch

#### 1. Welcome and Review of Task Force Activities

Chairman Marcelo Ketzer of Brazil welcomed the attendees to the third 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.

Dr. Ketzer reported that the review of postgraduate degree programs is being done in two reports – one covering the United Kingdom and one encompassing the remainder of Europe, North & South America, Africa, and other parts of the world. The research methodology used for these reports was a combination of internet searches, email inquiries, and actual visits to discuss courses with universities. The first report (covering the United Kingdom) has been completed and published by the IEA Greenhouse Gas R&D Programme (IEA GHG), while the Brazilian Carbon Storage Research Center (CEPAC) has finished a preliminary draft of the second report.

The students' website is intended to facilitate information exchange, interaction and networking, discussion, and collaboration between students and/or professionals on CSLF-related topics. Tim Dixon of the IEA Greenhouse Gas R&D Programme stated that the IEA GHG is overseeing development of the students' website, and it is not yet ready for implementation. Additional options for implementation of this website are being explored.

## 2. Completion of Report on Postgraduate Degree Programs

There was consensus that the two survey reports of postgraduate degree programs should be combined into a single report and finalized in time for the 2011 CSLF Ministerial Meeting in China. It was also recognized that this will be a "living document" and as such, open to annual revision. There was also consensus that this report would include information from all countries, not just CSLF Members, and that it will be focused on education as opposed to research (i.e., only information on academic courses will be included).

After ensuing discussion, the Task Force agreed on the following schedule for completing the report:

- <u>Early November 2010</u>: Preliminary draft of CEPAC ("remainder of world") report to be sent by CSLF Secretariat to Task Force members for comment. This will include a blank form for summarizing new information on any university courses and programs not yet represented in the report.
- <u>Mid February 2011</u>: Deadline for Task Force members to return comments to Secretariat on the CEPAC preliminary report.
- <u>Late March 2011</u>: CEPAC team, led by Dr. Ketzer, to compile the IEA GHG and CEPAC reports into a single ("combined") report.
- Early April 2011: Tim Dixon of IEA GHG and Dr. Ketzer to review combined report.
- Mid April 2011: Draft of combined report to be sent by Secretariat to Task Force members for comment.
- <u>Late April 2011</u>: Deadline for Task Force members to return comments to Secretariat on combined report.
- May 2011: Report to be submitted to CSLF Policy and Technical Groups for approval.
- 4Q 2011: Final version of report to be a deliverable at 2011 CSLF Ministerial Meeting.

Aleksandra Kalinowski of Australia informed the Task Force that she would work with her contacts in China to obtain information about any Chinese university CCS-related courses. In that regard, there was consensus that Xiaochun Li be added to the Task Force. Dr. Li is one of China's Technical Group delegates.

### 3. New Business / Adjourn

There was consensus that henceforward, this Task Force would be co-chaired by Brazil and the IEA GHG. Dr. Ketzer and Mr. Dixon will be the co-chairmen.

The next meeting of the Task Force will be at the CSLF Technical Group meeting, in Alberta Canada in May 2011.

The Task Force participants offered their thanks to the CEPAC team, headed by Dr. Ketzer, for its continuing efforts to obtain information for the report over a large area of the world. Dr. Ketzer thanked the meeting participants for their involvement in the Task Force and adjourned the meeting.