

**Minutes of the Meeting of the CSLF Task Force on
“CO₂ Storage Capacity Estimation”
Paris, March 28th, 2007**

The Task Force meeting was held in conjunction with the CSLF meeting of the Policy and Technical Groups in Paris on March 26-28, at which three members of the Task Force were present as CSLF delegates (Stefan Bachu, John Bradshaw and Niels Peter Christensen) and others joined as observers (Didier Bonijoly, Odd-Magne Mathiassen and Marcelo Ketzer)¹. The Task Force meeting was held at Hotel Le Meridien, March 28, from 5:30 p.m. to 6:30 p.m.

Present: Stefan Bachu (Chair), John Bradshaw, Didier Bonijoly, Niels Peter Christensen, Marcelo Ketzer and Odd-Magne Mathiassen, from the Task Force, and Scott Miles from the CSLF Secretariat.

Absent: Bob Burruss and Sam Holloway

- 1) Stefan welcomed Marcelo, who represents Brazil, on the Task Force.
- 2) Stefan quickly reviewed the decisions of the Technical and Policy groups in regard to the Task Force:
 - a. The Phase 2 report was accepted, with the proviso to change the wording regarding CO₂ storage in basalts to eliminate the negative connotation (India's request).

Action: Modify the specific text and submit the final version to CSLF Secretariat (Done)
 - b. All three recommendations of the Task Force for continuation into Phase 3 have been accepted by the Technical Group
- 3) Regarding Phase 2 report, it was agreed to write a journal paper to the International Journal of Greenhouse Gas Control, to follow the paper based on the Phase 1 report that is already in press and will be published in may 2007.

Action: Stefan will get the first draft based on the report and circulate it to the other task force members for review. Time is of essence.
- 4) Phase 3 of the Task Force

There are 3 recommendations for Phase 3 work/activities.

¹ The terms “delegate” and “observer” apply specifically to participation in the meetings of the CSLF Technical Group. In regard to the Task Force, all members are permanent members and represent their respective countries.

- a. Further improvement of the Resource-Reserves Pyramid and harmonization with other work on storage capacity estimation such as USDOE Regional Partnerships Geologic Subgroup

- i. Harmonization with USDOE Geologic Subgroup

Action: Stefan and Bob to contact Sue Hovorka (leader of the USDOE Geologic Subgroup) and Rob Findley from the Illinois Geological Survey, and explore ways to coordinate between the CSLF Task Force and the USDOE Geologic Subgroup.

- ii. Resource-Reserves Pyramid (some discussion ensued)

Action: John to look into the SPE definitions for oil and gas reserves, and Didier to look into the mining reserves definitions, and recommend to the Task Force a course of action. In regard to CO₂, the analogous reserve is the storage space, not the CO₂ itself.

- b. Case Studies and Coefficients

- i. Case Studies

It was proposed that Sam should maybe take the lead, given his often expressed interest in the subject. Case studies should be compiled to exemplify the cases in Table 1 at the end of the Phase 2 Report. Compilation of case studies will likely take longer than a year (approximate time of the next CSLF meeting in South Africa)

Action: Sam to confirm if he is willing to take the lead (yes, he will)

Action: everybody to send a list of potential case studies that can be provided (existing and new)

- ii. Coefficients

Niels expressed great interest in this subject. It was suggested that Niels takes the lead on this.

Action: Niels to confirm if he is willing to take the lead

Action: Develop a spreadsheet with coefficients and characteristics (a table), to see where/what for we already have

coefficients and where are the gaps to be filled through literature review and new work.

The Case Studies and Coefficients should be linked (the first to provide data to the second). Compiling coefficients will take probably the longest.

c. Support to Efforts on Capacity Building in Developing Economies

After some discussion, the following was agreed on:

Action: Stefan to follow with Judd Swift, who is leading the Capacity Building Task Force, in regard to the Capacity Building Workshop that is organized in conjunction with the 6th Annual Conference on carbon Sequestration in Pittsburgh, US, May 7-10, 2007.

Action: Everybody to identify ongoing projects through APEC and/or EC that qualify for Capacity Building and explore ways for Task Force members to contribute.

- 5) Clarification: our Task Force is not involved in the “CCS Societal Issues” discussion paper that the Australian government will prepare.
- 6) Chris Hendricks is trying to compile a compendium of global storage capacity and his attempt may fall into the same trap as the IPCC SRCCS.
- 7) John asked for suggestions for themes for the GHGT-9 to be held in Washington in October or November 2009 (everybody to think about and get back to John).
- 8) For information, the International Geological Congress, to be held in Oslo in June 2008, will have a session on CO₂ storage.
- 9) Next Task Force meetings:
 - a. Possible to have one in conjunction with the IEA-CSLF meeting in Oslo, June 21-22, depending on participation. This meeting is by invitation only (Stefan will likely participate, John and Niels also).
 - b. Should have a meeting in conjunction with the CSLF Technical Group meeting that will be held either in Saudi Arabia in January 2008 or in Calgary in November (the meeting place to be clarified by the Saudi delegation; Calgary is a fall-back position, in conjunction with the IEA-CSLF meeting on November 27-28, 2007). Most likely we’ll have to report progress at the next Technical Group meeting.
 - c. A meeting should take place in conjunction with the CSLF meeting next spring in South Africa, where we’ll have to report progress.