



News from Carbon Sequestration Leadership Forum

The international Carbon Sequestration Leadership Forum (CSLF), a voluntary climate initiative of developed and developing nations focusing on development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage, celebrated its 4th anniversary in June this year.

The latest CSLF Annual Meeting took place in Paris on 26-28 March 2007. In addition to the normal governmental meetings involving the 22 member countries, some 200 delegates attended a special open workshop entitled “Overcoming Barriers to CCS Deployment”. The workshop was opened by a keynote presentation on the European Zero Emission Fossil Fuel Power Plants (ZEP) Technology Platform, emphasising the importance of this initiative and its impact on the



EU Energy Package published in January 2007. Overview talks on ongoing work to remove obstacles for large-scale industrial initiatives given by representatives of the EC, the USA, Canada, Australia and India followed. The third part of the workshop was devoted to ‘Case Studies of Industrial Initiatives: Planned Demonstrations and ‘First of Kind’ Plants’. All presentation are available online at <http://www.cslforum.org/mar272007.htm>.

Another CSLF workshop, this time focused on ‘Capacity Building in Emerging Economies’, was held on 7-11 May 2007 in Pittsburgh, USA. Presentations from this event can be found at <http://www.cslforum.org/may072007.htm>.

The next event organised by CSLF is a ‘Capacity Building Workshop on CO₂ Capture and Storage’, which will take place in Porto Alegre, Brazil, on 18 - 19 October 2007, in connection with the International Seminar on Perspectives for Near-Term CCS Deployment and Capacity Building for Emerging Economies. More information can be found at <http://www.pucrs.br/ima/ccsbrazil>. A similar workshop is also planned in Saudi Arabia for January 2008. The next regular CSLF meeting will be organised in South Africa in April 2008.

The activities of the CSLF are principally conducted by the Policy Group, which governs the overall framework and policies of the CSLF, and the Technical Group, which reviews the progress of collaborative projects and makes recommendations to the Policy Group on any needed actions. In addition, each of the Groups can create Task Forces. Thus, a Task Force for Capacity Building in Emerging Economies is working within the Policy Group, and 4 other Task Forces support the work of the Technical Group. Two of them - Task Force to

Identify Gaps in CO₂ Capture and Transport and Task Force to Identify Gaps in Monitoring and Verification of Geologic CO₂ Storage concluded their activities in 2006 by submitting their final reports, which can be downloaded from <http://www.csforum.org/taskforces.htm>. The other two Task Forces - the Projects Interaction and Review Team and the Task Force for Review and Identification of Standards for CO₂ Storage Capacity Estimation still continue their work. The latter one has published its 'Phase II Final Report from the Task Force for Review and Identification of Standards for CO₂ Storage Capacity Estimation' in June 2007. This publication represents a significant contribution to the CO₂ storage research and will be most probably used as commonly respected guideline for CO₂ geological storage capacity estimations. The report can be downloaded from <http://www.csforum.org/documents/PhaseIIReportStorageCapacityMeasurementTaskForce.pdf>. Phase II was not the final stage of this Task Force work; it will be followed by Phase III that should, i.a., include further improvement of the Resource-Reserves Pyramid, harmonization with other work on storage capacity estimation, study on coefficients used for capacity calculations and selected case studies.

The CSLF website www.csforum.org itself is a valuable source of information on CCS, incl. projects and activities worldwide. In particular, the Education Centre at <http://www.csforum.org/education.htm>, a comprehensive Links page as well as the Projects overview page are worth mentioning.

The screenshot shows the CSLF website interface. The browser window title is "CSLF Links - Microsoft Internet Explorer". The address bar contains "http://www.csforum.org/links.htm". The website features a search bar at the top right labeled "Search the CSLF Website". A large blue oval logo with a globe and the text "carbon sequestration leadership forum" is centered. On the left, a vertical navigation menu lists various sections: Home, About the CSLF, Organization, Events, Meeting Information, Documents, Presentations, Task Forces, Workshops, Publications, Projects, Roadmaps, Press, Links, and Contact Us. The main content area, titled "Links", displays a list of links under the heading "CSLF Members". The links include:

- Climate Action Europe and its Carbon Sequestration Programs: CAN-Europe partners with industry and researchers in carbon sequestration activities.
- CO₂ Net - European Carbon Dioxide Thematic Network: European networking development program for CO₂ geological storage, CO₂ capture, and zero emissions technology options.
- CO₂ GeoNet: CO₂ GeoNet contains a critical mass of research activity in the area of underground carbon dioxide (CO₂) storage. The main aim of CO₂ GeoNet will be to integrate, strengthen, and build upon the momentum of previous and existing European R&D, as well as project European excellence internationally, so as to ensure that Europe remains at the forefront of CO₂ underground storage research.
- CO₂NET EAST: CO₂NET EAST is a coordination action co-financed by the European Community within the 6th Framework Programme for research, technological development and demonstration activities. The main objective of the project is to extend the existing CO₂ capture and storage networking activities to new EU Member States and Associated Candidate Countries.
- European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP): This website is a prime means to achieve coordination amongst the stakeholders of the European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP) by serving as the central access point to all relevant information and documentation.
- GESTCO: The GESTCO project will study the distribution and coincidence of thermal CO₂ emission sources and location/quality of geological storage capacity. It intends to provide the first documentation that, for emission sources within selected key areas, sufficient geological storage capacity is available.