



CSLF-T-2006-10
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TECHNICAL GROUP

DRAFT

PROPOSED IMPLEMENTATION OF CSLF ACTION PLAN

OBSCOLETE

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Note by the Secretariat

Background

At the CSLF meeting in Delhi, India, on 3-5 April 2006, a Strategic Plan was proposed by the CSLF Policy Group's Task Force on CSLF Strategic Plan, Management and Structure that was adopted in May 2006 by the CSLF Policy Group after a 30-day comment period. The emphasis of the Strategic Plan is on technologies and their development and deployment, capacity building, public acceptability and awareness, involvement by Stakeholders, and collaboration with other organizations. The Strategic Plan includes a prioritized Action Plan, which focuses on key strategies and actions in each of these areas. The Action Plan assigns to the CSLF Technical Group all activities related to carbon capture and storage (CCS) technology development and deployment. This document proposes a strategy for implementation activities assigned to the Technical Group by the Action Plan.

Action Requested

The Technical Group is requested to consider this proposed Implementation of the CSLF Action Plan.

Conclusions

The Technical Group is invited to note in the Minutes of its 14-15 November 2006 meeting that:

“The Technical Group reviewed and considered proposed implementation of the CSLF Action Plan.”

Draft Working Document
CSLF Action Plan
Proposed Implementation

Strategy	Key Outputs	Responsibility	Proposed Implementation
1. CCS Technology Development and Deployment	Research and Development		
	1. Key definitions for CCS identified and disseminated (2007)	Technical Group and Secretariat	Working Group within T.G. should prepare document (before end of 2007) that provides key definitions. Secretariat will disseminate info via CSLF website.
	2. Technology roadmap developed for each of the identified technical work areas, including links between them and member country roadmaps. (2006 - 09)	Technical Group and CSLF Members	All CSLF Members should prepare individual technology roadmaps (by end of 2007). PIRT should review existing CSLF Technology Roadmap and suggest updates. PIRT Progress Report at each CSLF meeting should include activities in this area.
	3. Identification of key obstacles to achieve improved technological capability. (2006-07)	Technical Group	This will be an ongoing responsibility of the PIRT. PIRT Progress Report at each CSLF meeting should include activities in this area.
	Collaborative Projects		
	1. Collaborative research, development, and demonstration (RD&D) projects that reflect Members' priorities. (2006 and continuing)	Technical Group and Secretariat	Working Group within T.G., with assistance of Secretariat, should identify Members' priorities for CCS RD&D projects. Secretariat will disseminate results via CSLF website. Members should continue to propose projects, as appropriate, at CSLF meetings.
	2. Guidelines for collaborations and reporting of results. (2006)	Technical Group and Secretariat	PIRT or Working Group within T.G. should develop set of guidelines (before next CSLF meeting). Secretariat will disseminate info via CSLF website.
	3. Collaborative RD&D projects reviewed annually. (2006 and continuing)	Technical Group	This will be an ongoing responsibility of the PIRT. PIRT Progress Report at each CSLF meeting should include activities in this area.
	4. Each country to provide information on its short term opportunities for international collaboration and coordination identified (e.g. EOR or removal of CO ₂ from natural gas) (2006-07)	Technical Group, CSLF Members, and Secretariat	PIRT or Working Group within T.G., with assistance by Secretariat, should collect and assemble info from CSLF Members into a report (before end of 2007). Report to include #5 below. Secretariat will disseminate info via CSLF website.
	5. Each country to provide information on its full scale demonstration project opportunities	Technical Group, CSLF Members, and	PIRT or Working Group within T.G., with assistance by Secretariat, should collect and assemble info

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	for international collaboration and coordination.	Secretariat	from CSLF Members into a report (before end of 2007). Report to include #4 above. Secretariat will disseminate info via CSLF website.
	6. Recommendations for risk assessment standards and procedures.	Technical Group and Secretariat	Working Group within T.G., with assistance of Secretariat, should develop list of recommendations (before next CSLF meeting). Secretariat will disseminate info via CSLF website.
	Technical Support for Policy Development		
	1. Key definitions for CCS identified and disseminated (2006-07)	Technical Group and Secretariat	Working Group within T.G. should prepare document (before end of 2007) that provides key definitions. Secretariat will disseminate info via CSLF website. [Note: This is same as R&D #1, above]
	2. Recommendations for standard methodologies to establish baselines against which CCS projects can be assessed. (2006-07)	Technical Group	PIRT should develop these recommendations (before next CSLF meeting). PIRT Progress Report should include activities in this area.
	3. Recommendations for guidelines for monitoring, measurement and verification (MMV) systems taking into account the work of other international organizations. (2006-07)	Technical Group	Technical Group Task Force on MMV has done initial work in this area. PIRT should develop these recommendations (before next CSLF meeting). PIRT Progress Report should include activities in this area.
	4. Capacity estimation methodologies developed. (2007-2009)	Technical Group	Technical Group Task Force to Identify Standards for CO ₂ Capacity Measurement should develop these methodologies. Task Force Progress Report should include activities in this area.
2. Policy and Legal Framework	1. Recommendations for strategies and instruments to address identified research needs (2006-07)	Policy Group and Secretariat	Working Group within P.G. should prepare document (before end of 2007) that provides these recommendations. Secretariat will disseminate info via CSLF website.
	2. Support the development of relevant legal and policy frameworks. (2006-07)	Policy Group and Secretariat	P.G. Legal Issues Subcommittee, with assistance of Secretariat, should develop a strategy for promulgating legal and policy frameworks relevant to CCS. Legal Issues Subcommittee should present an initial plan for doing this at next CSLF meeting.
	3. Identify potential issues relating to the treatment of intellectual property issues for CCS. (2007-08)	Policy Group and Secretariat	This will be an ongoing responsibility of the P.G. Legal Issues Subcommittee. A Legal Issues Subcommittee Progress Report at each CSLF meeting

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	<ul style="list-style-type: none"> Consideration of IEA CCS intellectual property outcomes (2006-07) 	Policy Group	<p>should include activities in this area. An initial concepts paper is in preparation. Secretariat will disseminate the paper via CSLF website.</p> <p>P.G. Legal Issues Subcommittee should review IEA outcomes in this area and include a summary in its Progress Report at next CSLF meeting. Additionally, a joint IEA-CSLF Workshop on Legal Aspects of Storing CO₂ will be held in Paris in October 2006.</p>
	4. Exchange information and where appropriate provide support in the discussions on the potential role of CCS as a technology under the Clean Development Mechanism (CDM). (2006-09)	Policy Group and Secretariat	Working Group within P.G. should prepare a report (by the end of 2007) that summarizes both the importance of this issue to the CSLF and what actions the CDM Executive Board have taken relevant to CCS. Secretariat will disseminate the report via CSLF website.
3. Capacity Building	1. Involvement of developing countries in CSLF projects (2006-07)	Policy Group	P.G. Financial Issues Task Force or P.G. Executive Committee should develop a plan (before end of 2007) for engaging decision makers in developing countries to gain their support for large-scale CCS projects.
	2. A set of information, training and educational resources that all members can utilize (2007-08)	Policy Group and Secretariat	P.G. Capacity Building Task Force should identify or develop a set of educational resources (e.g., the IEA's "A Simplified Guide to the IPCC's Special Report on Carbon Dioxide Capture & Storage") (by 2008). Task Force Progress Report (at next CSLF meeting) should include a plan for doing this. Secretariat will make these resources available to all via the CSLF website.
	3. Experience from CSLF projects and CCS-related institution building identified and shared with developing countries (2007-08)	Policy Group and Secretariat	P.G. Capacity Building Task Force, with assistance of Secretariat, should hold a workshop on CCS (before end of 2007) that would be attended by decision makers from developing countries. Task Force should also develop a broader plan (to be presented in a Progress Report at next CSLF meeting) for CCS-related institution building in developing countries.
	<ul style="list-style-type: none"> Developing countries included in full scale or lighthouse projects (2006- 	Policy Group	P.G. Financial Issues Task Force or P.G. Executive Committee should develop a plan (before end of 2007)

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	09)		for engaging decision makers in developing countries to gain their support for large-scale CCS projects. (Same as #1, above)
	4. Contribute to the development of knowledge, skills, expertise and institutions that developing countries need to understand and implement CCS (2007-09)	Policy Group	P.G. Capacity Building Task Force should develop a detailed plan (to be presented in a Progress Report at next CSLF meeting) for assisting developing countries to develop the knowledge, skills, expertise and institutions needed to deploy CCS.
4. Public Awareness & Acceptability	1. Member countries develop educational material, establish baseline information, use outreach briefings and workshops and form multi-stakeholder groups (2006-09)	Policy Group and Secretariat	Secretariat should hold a public outreach workshop (by end of 2007) for benefit of CSLF Members. All CSLF Members should develop a summary of their public outreach efforts (by end of 2006). Secretariat will disseminate info via CSLF website.
	2. Develop and promote the CSLF website (2006)	Secretariat	CSLF Website has been functional since 2003. Secretariat should continue development of website as necessary and appropriate. Secretariat should also continue to promote the website and Secretariat report at each CSLF meeting should present an update on the website.
	3. Public outreach experts identified to develop CSLF approach (2006)	Policy Group and Secretariat	All CSLF Members should provide listings of public outreach experts to Secretariat (by end of 2006). Secretariat should compile and maintain these listings for future use, as needed, by CSLF.
	4. Collaboration with all sectors of the international research community, including industry, academia, government and non-government organizations and stakeholders for input to Policy and Technical Groups (2006-07).	Policy Group	P.G. Executive Committee or a Working Group within the P.G. should develop a process (by next CSLF meeting) for ensuring better and closer interaction with organizations involved with CCS.
	<ul style="list-style-type: none"> Develop and monitor global compendium of CCS projects and activities 	Policy Group and Secretariat	All CSLF Members should provide input to Secretariat in order that Australia's initial draft of the compendium can be maintained and expanded. This will be an ongoing activity.
5. Involve Stakeholders	1. Consideration of stakeholder engagement strategy and processes by the Policy Group on the basis of proposals by stakeholders. (2006)	Policy Group and Stakeholders	Stakeholders should submit detailed proposal (by end of 2006) for their inclusion in CSLF. P.G. Executive Committee should develop a process based on Stakeholders proposal (by next CSLF meeting) for incorporating stakeholders into CSLF activities and meetings.

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	2. Stakeholders attend relevant meetings and provide input to development of the resulting work programs (2006 and ongoing)	Policy Group and Stakeholders	P.G. Executive Committee should develop a process (by end of 2007) for incorporating stakeholders into CSLF activities and task forces as appropriate. Stakeholders should set up procedures (by end of 2007) for providing input to CSLF on its activities.
6. Collaboration with Other International Organizations	1. Co-operation to help achieve the CSLF goal, e.g. with the United Nations Framework Convention on Climate Change (UNFCCC), the International Energy Agency (IEA), the Asia-Pacific Partnership on Clean Development and Climate, the World Bank, World Energy Council (WEC), World Coal Institute (WCI) and the International Petroleum Institute amongst others. (2006)	Policy Group	P.G. Executive Committee should interact with each of these organizations (before next CSLF meeting) to determine areas of joint interest and if joint activities (such as the already planned IEA-CSLF series of workshops) are possible.
	2. Partnerships with compatible organizations, e.g. IEA, APEC, UN bodies, research organizations (2006)	Policy Group	P.G. Executive Committee should interact with each of these organizations (before next CSLF meeting) to determine areas of joint interest.

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