



**CSLF-P/T-2007-05**  
**22 February 2007**

**POLICY GROUP**  
**TECHNICAL GROUP**

**Secretariat Report on**  
**CSLF Strategic Plan Implementation**

*Note by the Secretariat*

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## **Secretariat Report on CSLF Strategic Plan Implementation**

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### Background

At the CSLF meeting in Delhi, India, in 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. This report proposes a way forward for implementation activities assigned to the Policy Group and to the Technical Group by the Action Plan.

### Action Requested

The Policy and Technical Groups are requested to discuss and consider the report of the Secretariat.

### Conclusions

The Policy and Technical Groups are invited to note in the Minutes of this meeting that:

“The Policy and Technical Groups, in their Joint Meeting, discussed and considered the report of the Secretariat.”

## Secretariat Report on CSLF Strategic Plan Implementation

### TECHNICAL GROUP

#### Strategy 1: CCS Technology Development and Deployment (Research and Development component)

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
1. Key definitions for CCS identified and disseminated (2007).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT. Secretariat to be responsible for dissemination of information.</li> </ul>
2. Technology roadmap developed for each of the identified technical work areas, including links between them and member country roadmaps (2006-09).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT.</li> </ul>
3. Identification of key obstacles to achieve improved technological capability (2006-07).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT.</li> </ul>

**TECHNICAL GROUP**  
**Strategy 1: CCS Technology Development and Deployment**  
**(Collaborative Projects component)**

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
1. Collaborative research, development, and demonstration (RD&D) projects that reflect Members' priorities (2006 and continuing).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT.</li> </ul>
2. Guidelines for collaborations and reporting of results (2006).	<ul style="list-style-type: none"> <li>• New guidelines were proposed by PIRT and accepted by Technical Group at Technical Group London meeting in November 2006.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed.</li> </ul>
3. Collaborative RD&D projects reviewed annually (2006 and continuing).	<ul style="list-style-type: none"> <li>• Ongoing activity of PIRT.</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing.</li> </ul>
4. Each country to provide information on its short term opportunities for international collaboration and coordination identified (e.g. EOR or removal of CO <sub>2</sub> from natural gas) (2006-07).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT. Secretariat to be responsible for dissemination of information.</li> </ul>
5. Each country to provide information on its full scale demonstration project opportunities for international collaboration and coordination.	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT. Secretariat to be responsible for dissemination of information.</li> </ul>
6. Recommendations for risk assessment standards and procedures.	<ul style="list-style-type: none"> <li>• Task Force formed at London Technical Group meeting in November 2006.</li> </ul>	<ul style="list-style-type: none"> <li>• To be developed by Task Force.</li> </ul>

**TECHNICAL GROUP**  
**Strategy 1: CCS Technology Development and Deployment**  
**(Technical Support for Policy Development component)**

<b>Key Outputs from Strategic Plan</b>	<b>Current Progress</b>	<b>Potential Further Actions</b>
1. Key definitions for CCS identified and disseminated (2006-07).	<ul style="list-style-type: none"> <li>• PIRT to set priority for this activity.</li> </ul>	<ul style="list-style-type: none"> <li>• To be recommended by PIRT. Secretariat to be responsible for dissemination of information.</li> </ul>
2. Recommendations for standard methodologies to establish baselines against which CCS projects can be assessed (2006-07).	<ul style="list-style-type: none"> <li>• New methodologies were proposed by PIRT and accepted by Technical Group at Technical Group London meeting in November 2006.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed.</li> </ul>
3. Recommendations for guidelines for monitoring, measurement and verification (MMV) systems taking into account the work of other international organizations (2006-07).	<ul style="list-style-type: none"> <li>• Task Force submitted final report at Technical Group London meeting in November 2006.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed.</li> </ul>
4. Capacity estimation methodologies developed. (2007-2009).	<ul style="list-style-type: none"> <li>• Task Force has completed its Phase II report, which provides suggested methodologies for three types of geologic structures.</li> </ul>	<ul style="list-style-type: none"> <li>• Task Force will move on to Phase III, which considers individual case studies and other aspects.</li> </ul>

## POLICY GROUP

### Strategy 2: Policy and Legal Framework

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
<p>1. Recommendations for strategies and instruments to address identified research needs (2006-07) with Secretariat.</p>	<ul style="list-style-type: none"> <li>• Policy Group delegates have exchanged information about policy and legal frameworks in CSLF meetings and workshops.</li> <li>• Technical Group is requesting Policy Group to consider technical aspects of permitting.</li> </ul>	<ul style="list-style-type: none"> <li>• Ask Technical Group to identify types of strategies and instruments needed to address its research needs. (An example is permitting.)</li> <li>• Policy Group sets up a Task Force to identify unmet needs for research on policy and legal frameworks and develops recommendations for collaborative efforts to fill these unmet needs. (An example of an unmet need might be liability.)</li> </ul>
<p>3. Support the development of relevant legal and policy frameworks. (2006-07) with Secretariat.</p>	<ul style="list-style-type: none"> <li>• IEA-CSLF Workshops on Legal Aspects of Storing CO<sub>2</sub> held in Paris, in 2004 and 2006. Reports on legal issues produced by IEA in conjunction with each workshop.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed.</li> </ul>
<p>3. Identify potential issues relating to the treatment of intellectual property issues for CCS. (2007-08) with Secretariat.</p> <ul style="list-style-type: none"> <li>• Consideration of IEA CCS intellectual property outcomes (2006-7).</li> </ul>	<ul style="list-style-type: none"> <li>• The joint IEA-CSLF Workshops on Legal Aspects of Storing CO<sub>2</sub> were held in Paris in October 2006 addressed intellectual property issues.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed.</li> </ul>
<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) with Secretariat.</p>	<ul style="list-style-type: none"> <li>• Presentation was given at CSLF Meeting in Berlin in September 2005.</li> </ul>	<ul style="list-style-type: none"> <li>• Report on current status of CDM could be provided, if requested, by the Secretariat.</li> </ul>

## POLICY GROUP

### Strategy 3: Capacity Building

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
1. Involvement of developing countries in CSLF projects (2006-07).	<ul style="list-style-type: none"> <li>• Projects to assess opportunities in China and India have been recognized by the CSLF.</li> </ul>	<ul style="list-style-type: none"> <li>• Request Task Force on Capacity Building to identify similar projects, as appropriate, in other emerging economy Members.</li> <li>• Request Technical Group to develop mechanisms to involve developing countries in industrialized country projects.</li> </ul>
2. A set of information, training and educational resources that all members can utilize (2007-08) with Secretariat.	<ul style="list-style-type: none"> <li>• Materials are being developed for a CSLF capacity building workshop to be held in May 2007.</li> <li>• Relevant materials have also been developed by Members and others.</li> </ul>	<ul style="list-style-type: none"> <li>• Distribute materials from May 2007 capacity building workshop to Members.</li> </ul>
3. Experience from CSLF projects and CCS-related institution building identified and shared with developing countries (2007-08) with Secretariat. <ul style="list-style-type: none"> <li>• Developing countries included in full scale or lighthouse projects (2006-09)</li> </ul>	<ul style="list-style-type: none"> <li>• Recognized projects report to the CSLF</li> <li>• Workshops held in conjunction with CSLF meetings.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue information sharing through workshops and information on CSLF website.</li> <li>• Use a section of the SPIR to report on recognized on projects.</li> <li>• Ask Technical Group to recommend an approach to potential lighthouse projects.</li> </ul>
4. Contribute to the development of knowledge, skills, expertise and institutions that developing countries need to understand and implement CCS (2007-09).	<ul style="list-style-type: none"> <li>• CSLF capacity building workshop will be held in May 2007.</li> </ul>	<ul style="list-style-type: none"> <li>• Completed with May 2007 workshop.</li> </ul>

## POLICY GROUP

### Strategy 4: Public Awareness and Acceptability

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
1. Member countries develop educational material, establish baseline information, use outreach briefings and workshops and form multi-stakeholder groups (2006-09) with Secretariat.	<ul style="list-style-type: none"> <li>Independent activities are taking place in various member countries.</li> </ul>	<ul style="list-style-type: none"> <li>Secretariat holds workshop on public outreach.</li> <li>Update website information on public outreach and devote a section of the CSLF PuMP to this topic.</li> <li>Policy Group decides on what multi-stakeholder groups are and what they should do.</li> </ul>
2. Develop and promote the CSLF website (2006) with Secretariat.	<ul style="list-style-type: none"> <li>CSLF website up and running since 2003.</li> <li>CSLF Public Meeting Place (PuMP) on line since 2006.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing.</li> </ul>
3. Public outreach experts identified to develop CSLF approach (2006) with Secretariat.	<ul style="list-style-type: none"> <li>Outreach experts identified to Secretariats by only five Members.</li> </ul>	<ul style="list-style-type: none"> <li>Other Members need to identify public outreach experts to Secretariat.</li> </ul>
<p>4. Collaboration with all sectors of the international research community, including industry, academia, government and non-government organizations and stakeholders for input to Policy Group and Technical Group (2006-07).</p> <ul style="list-style-type: none"> <li>Develop and monitor global compendium of CCS projects and activities with Secretariat</li> </ul>	<ul style="list-style-type: none"> <li>Some representatives of all sectors are represented as stakeholders.</li> <li>The IEA Greenhouse Gas Programme maintains such a compendium at: <a href="http://co2captureandstorage.info/co2db.php">http://co2captureandstorage.info/co2db.php</a></li> </ul>	<ul style="list-style-type: none"> <li>Continue to add to list of registered stakeholders.</li> <li>Focus on obtaining collaboration with the banking and financial community.</li> <li>Use the CSLF PuMP, as feasible, as a mechanism to facilitate this collaboration.</li> <li>No further action required.</li> </ul>



## POLICY GROUP

### Strategy 5: Involve Stakeholders

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
1. Consideration of stakeholder engagement strategy and processes by the Policy Group on the basis of proposals by stakeholders. (2006) with stakeholders.	<ul style="list-style-type: none"> <li>• Stakeholders have been organized by WEC to work with CSLF.</li> <li>• Proposal submitted by Stakeholders considered by Executive Committee and CSLF.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to implement stakeholder engagement.</li> </ul>
2. Stakeholders attend relevant meetings and provide input to development of the resulting work programs (2006 and ongoing) with stakeholders.	<ul style="list-style-type: none"> <li>• Stakeholders now participate fully in plenary sessions of meetings.</li> <li>• Stakeholders authorized to take part in task forces at Delhi CSLF meeting.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to implement prior decisions.</li> </ul>

### Strategy 6: Collaboration with Other Organizations

Key Outputs from Strategic Plan	Current Progress	Potential Further Actions
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).	<ul style="list-style-type: none"> <li>• Discussions are underway with IEA.</li> <li>• WEC is involved in CSLF stakeholder process.</li> <li>• WCI attends CSLF meetings, but discussions have yet to begin.</li> </ul>	<ul style="list-style-type: none"> <li>• After soliciting input from Members, Secretariat develops recommendations that identify useful collaborations and partnerships, suggests goals for those partnerships, and proposes methods of implementation.</li> </ul>
2. Partnerships with compatible organizations, e.g. IEA, APEC, UN bodies, research organizations (2006).	<ul style="list-style-type: none"> <li>• Cooperation with IEA is ongoing.</li> </ul>	