



CARBON SEQUESTRATION LEADERSHIP FORUM

POLICY GROUP

CARBON SEQUESTRATION LEADERSHIP FORUM

CSLF PROJECT RECOGNITION AGREEMENTS

Note by the Secretariat

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CARBON SEQUESTRATION LEADERSHIP FORUM

Note by the Secretariat

Carbon Sequestration Leadership Forum
CSLF Project Recognition Agreements

Background

At the CSLF meeting on January 21, 2004, in Rome, Italy, a total of thirteen projects were presented for possible CSLF recognition. Ten of those projects were submitted for evaluation; a Technical Group task force screened the ten projects against the CSLF Project Recommendation Guidelines and determined that they met all Guidelines. The Technical Group and Policy Group then reviewed these projects and approved all of them for recognition at the upcoming Melbourne Ministerial meeting of the CSLF.

According to Section 4.3 of the CSLF Terms of Reference and Procedures, “Upon recognition, the parties to the recognized project should sign a Project Agreement based on minimum requirements to be set by the Policy Group.” A draft of a Project Recognition Agreement was prepared by the Secretariat and circulated for review by CSLF members. A revised version was then prepared based on comments received.

Action Requested

None

Conclusions

The Policy Group is invited to note in the Minutes of its meeting of September 13, 2004 that:

“A Project Recognition Agreement for each of the ten projects approved by both the CSLF Technical Group and Policy Group was signed by the nominating CSLF Members and the CSLF Secretariat.”



CARBON SEQUESTRATION LEADERSHIP FORUM

CSLF PROJECT RECOGNITION AGREEMENT

The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **ARC Enhanced Coal-Bed Methane Recovery Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The ARC Enhanced Coal-Bed Methane Recovery Project is a pilot-scale project located in Alberta, Canada that will evaluate a previously developed process of CO₂ injection into deep coal beds for simultaneous sequestration of the CO₂ and liberation (and subsequent capture) of coal-bed methane.

In compliance with the conditions for a CSLF Project, Canada (lead), the United States, and the United Kingdom are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Canada (lead)

Date

United Kingdom

Date

United States

Date

CSLF Secretariat

Date

Notice

The Carbon Sequestration Leadership Forum is a framework for international cooperation in the research and development for the separation, capture, transportation and storage of carbon dioxide. The CSLF seeks to make carbon capture and storage commercially competitive and environmentally safe. The CSLF Charter does not create any legally binding obligations by, between or among the governments and entities that are Members of the CSLF or that participate in CSLF activities, and each CSLF Member's participation in CSLF activities is subject to its laws, regulations, availability of funds, personnel and other resources of the respective Member.



CARBON SEQUESTRATION LEADERSHIP FORUM

CSLF PROJECT RECOGNITION AGREEMENT

The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CANMET Energy Technology Centre (CETC) R&D Oxyfuel Combustion for CO₂ Capture Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CETC R&D Oxyfuel Combustion for CO₂ Capture Project is a pilot-scale project located near Ottawa, Ontario, Canada that will demonstrate oxyfuel combustion technology with carbon dioxide capture.

In compliance with the conditions for a CSLF Project, Canada (lead) and the United States are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Canada (lead)

Date

United States

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CASTOR Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CASTOR Project is a pilot-scale project that will separate CO₂ from a post-combustion gas stream for separation and injection into four European storage sites. The goal of the project is to achieve a major cost reduction in CO₂ capture cost.

In compliance with the conditions for a CSLF Project, the European Commission (lead) and Norway are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

European Commission (lead)

Date

Norway

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CO₂ Capture Project (CCP) - Phase 2** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CO₂ Capture Project (CCP) - Phase 2 is a pilot-scale project that will continue development of new technologies to reduce the cost of CO₂ separation, capture, and geologic storage from combustion sources such as turbines, heaters, and boilers.

In compliance with the conditions for a CSLF Project, the United Kingdom (lead), Norway, Italy, and the United States are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

United Kingdom (lead)

Date

Norway

Date

Italy

Date

United States

Date

CSLF Secretariat

Date

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CARBON SEQUESTRATION LEADERSHIP FORUM

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CO₂ Separation from Pressurized Gas Stream Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CO₂ Separation from Pressurized Gas Stream Project is a small-scale project located near Pittsburgh, Pennsylvania, United States that will demonstrate membranes developed in Japan for separating CO₂ from pressurized gas streams.

In compliance with the conditions for a CSLF Project, Japan (lead) and the United States are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Japan (lead)

Date

United States

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CO₂SINK Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CO₂SINK Project is a pilot-scale project located near Berlin, Germany that will test and evaluate CO₂ capture and storage at an existing natural gas storage facility and in a deeper land-based saline formation.

In compliance with the conditions for a CSLF Project, the European Commission (lead) and Germany are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

European Commission (lead)

Date

Germany

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **CO2STORE Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The CO2STORE Project is a large-scale project located in the North Sea that is a follow-on to the current Sleipner project. The project will continue to monitor the injection of about one million metric tons per year of CO₂ into an off-shore formation.

In compliance with the conditions for a CSLF Project, Norway (lead) and the European Commission are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Norway (lead)

Date

European Commission

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **Frio Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The Frio Project is a pilot-scale project located near Houston, Texas, United States that will demonstrate CO₂ sequestration in an on-shore underground saline reservoir. The project involves the injection of CO₂ and monitoring its movement.

In compliance with the conditions for a CSLF Project, the United States (lead) and Australia are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

United States (lead)

Date

Australia

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **ITC CO₂ Capture with Chemical Solvents Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The ITC CO₂ Capture with Chemical Solvents Project is a pilot-scale project located near Regina, Saskatchewan, Canada that will demonstrate CO₂ capture from a flue gas slipstream using chemical solvents.

In compliance with the conditions for a CSLF Project, Canada (lead) and the United States are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Canada (lead)

Date

United States

Date

CSLF Secretariat

Date

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The Carbon Sequestration Leadership Forum (CSLF) hereby recognizes the **Weyburn II CO₂ Storage Project** as an international cooperative effort to facilitate the development of improved cost-effective technologies for the separation and capture of carbon dioxide for its transport and long-term safe storage.

The Weyburn II CO₂ Storage Project is a commercial-scale project that will utilize CO₂ from a North Dakota coal gasification facility for enhanced oil recovery at a Canadian oil field. The project will include the monitoring of CO₂ migration within the oil field and assessment of storage risks.

In compliance with the conditions for a CSLF Project; Canada (co-lead), United States (co-lead), and Japan are the CSLF nominators and agree, subject to operational considerations on behalf of host operators, to permit site visits by CSLF members, share non-proprietary project information with CSLF members, and make project summaries available for the CSLF website.

The following signatures attest to this certification:

Canada (Co-lead)

Date

United States (Co-lead)

Date

Japan

Date

CSLF Secretariat

Date

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