

Stakeholder Message to the Ministers

December 6, 2017

Carbon Sequestration Leadership Forum

Abu Dhabi, UAE

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Background on Stakeholder Activity

- The Carbon Sequestration Leadership Forum (CSLF) recognizes its stakeholder process in advance of the CSLF Ministerial Meeting. A regional approach was taken with regional champions for the Americas, Europe, The Mid-East & Africa, and Asia.
- This “Message to the Ministers” represents the outcome of the Regional Meeting. All participants were asked to complete a survey.

CSLF Regional Country Members

Europe

European Commission, France, Germany, Greece, Italy, Netherlands, Norway, Poland, Romania, Serbia, United Kingdom

Asia/Pacific

Australia
China
India
Japan
Korea
New Zealand
Russia

Americas

Brazil
Canada
Mexico
United States



Middle

East/Africa
Saudi Arabia
South Africa
United Arab Emirates

Common Messages from Regional Meetings

CSLF Stakeholders expressed that sustained political support was the most important enabler. Clear messages to this effect could include:

- a) Assessing the role for CCS in meeting 2030 and 2050 climate targets (including NDCs) and including CCS in next iteration of national climate, energy, industry and infrastructure plans;
- b) Ensuring a minimum of policy parity with other low carbon options (e.g. off-take agreements).

Common Messages from Regional Meetings

In order to overcome commercial barriers to implement CCS, increased awareness in and support for CCS/CCUS is needed from national financial communities and international funding bodies, ministerial support could enable:

- a) Identifying appropriate national funding mechanisms (e.g. subsidies, grants, carbon tax, cap and trade) including exploring utilization to advance relevant technologies and reduce costs;
- b) Supporting CCS projects through international funding mechanisms (e.g. Green Climate Fund).

Common Messages from Regional Meetings

In order to remove remaining barriers to implement CCS, continued research, development and demonstration of CCS as well as communication between stakeholder communities is needed, this could be supported through:

- a) Exploring and promoting synergies with other low carbon technologies (e.g. hydrogen)
- b) Prioritizing CCS in, and providing funding via, mechanisms such as H2020, Mission Innovation and ERDF/INTERREG to target remaining barriers to large scale implementation of CCS and to ensure continued international cooperation on CCS
- c) Enabling dialogue between stakeholder groups (e.g. supporting public engagement actions, partnerships to advance CCS around industrial clusters, knowledge exchange between project developers/operators and national regulators, industrial-academic collaborations)

Recommendations to Ministers from CSLF Americas Stakeholders— Regional Differentiation

- This Message to the Ministers represents the outcome of the Americans Regional Meeting. All participants were asked to complete a survey.
- Stakeholders expressed that a majority (54.55%) believe that regional issues are most important. A vast majority believe that CSLF should host stakeholder events either once or twice a year.
- CSLF Stakeholders urge the Ministers to become involved with regional Stakeholder activities.
- CSLF Stakeholders expressed that policy parity for CCS relative to other low-carbon, no-carbon technologies is most critical.

Americas– The 3 next most important actions are:

- Improve CCS/CCUS awareness and understanding within financial communities.
- Improve public perception and grow public awareness.
- Gain more political momentum.

Americas—Recommendations

- CSLF Stakeholders expressed that political support was the most important enabler. The next two most important enablers were:
 - a) Access to direct subsidies.
 - b) Off-take arrangements offering guaranteed prices.
- CSLF Stakeholders cited politicians as the most important target audience for CCS/CCUS communications. Second was regulatory and policy developers.

Americas—Recommendations

- Stakeholders recommend that the CSLF Policy Group Communications Task Force change our communication style.
- CSLF should continue and consider expanding cooperation with like-minded groups.
- CSLF should embrace recommendations from UNECE Group of Experts on Cleaner Electricity to encourage international financial organization to finance CCS demonstration projects in developing countries; including the Green Climate Fund.

Recommendations to Ministers from CSLF European Stakeholders – Regional Differentiation

1. Assess the role for CCS in achieving national 2030 and 2050 emission targets.
2. Identify national sources of CO₂ emissions that can best be reduced through the use of CCS.
3. Develop tailored financial mechanisms to support CCS.
 - a) Consider most appropriate financial mechanisms
 - b) Funding should be ring-fenced specifically for CCS
 - c) Prioritize CCS in, and provide funding via, mechanisms such as H2020, Mission Innovation and ERDF/INTERREG to target remaining barriers to large scale implementation of CCS.

Recommendations to Ministers from CSLF European Stakeholders – Regional Differentiation

4. Reflect in policy messaging that we should not wait to implement CCS.
5. Establish national ministerial body with mandate to engage with CCS project developers /operators to build long term relationship and to share knowledge and experience
6. Provide policy support for collaboration with industrial companies and industrial regions on CCS to overcome commercial barriers to implementation of CCS.

Actions/Recommendations Middle East/Africa – Regional Differentiation

1. Efforts and global commitment are needed to incorporate CCUS in Green Climate Fund projects.
2. Policy parity among all clean energy technologies is essential to ensure cost effectiveness in achieving Paris Agreement ambitious goals.
3. Support R&D to give CO₂ a second life → stimulate CCU, as storage without economic
4. Support H₂ R&D with the drive to improve efficiency

Actions/Recommendations: From Middle East/Africa – Regional Differentiation

5. Align with the 30 Priority Research directions in the Mission innovation report coming out early 2018.
6. Stronger collaboration between industry and academia, considering confidentially/business proprietary information.
7. Offset based policy options should be employed to capitalize cost effective application of CCUS.
8. Develop a nationally determined prize/award for innovations under CSLF to boost public awareness and engagement.

Asia Region Stakeholder Message – Regional Differentiation

1. Support for the implementation and continuation of CCS demonstration projects.
2. Support for R&D of capture technology and storage management technology.
3. Establishment of incentives for the deployment of CCS.
4. Consider the establishment of infrastructure for the dissemination of CCS.
5. Establish a legal and regulatory framework and technical standards for the dissemination of CCS.
6. Support for further promotion of international cooperation.

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