



## **CARBON SEQUESTRATION LEADERSHIP FORUM**

### **Meeting of the Carbon Sequestration Leadership Forum (CSLF) Ministers**

#### ***Collaborating for a Decade of Research, Demonstration and Deployment on Carbon Capture Utilization and Storage***

#### **Communiqué 22 September 2011 at 1730**

We, the Ministers and Heads of Delegation of the CSLF Members, are convinced that we must advance towards the demonstration and deployment of Carbon Capture Utilization and Storage (CCUS) as early as possible. CCUS is one of the low carbon technology options critical to the global quest to reduce carbon dioxide emissions to the atmosphere. We are committed to taking necessary actions individually and collaboratively to make that happen.

CCUS is a necessary technology essential to enabling us to achieve our climate goals and which has been proven safe and effective in all current demonstration projects and applications around the world. We must urgently increase the number of large CCUS demonstrations to enable the deployment of CCUS commercially by the end of this decade.

We met today to discuss and address the key challenges facing CCUS and identify activities necessary to support further research, development, demonstration and deployment. While it is clear that significant progress is being made on CCUS, challenges remain, but these are challenges that can—and will—be overcome.

#### **Including Carbon Capture and Storage in International Agreements**

Ministers applaud the decision at Cancun to recognize Carbon Capture and Storage (CCS) as a measure in the Clean Development Mechanism (CDM). We call upon delegates to the 17th United Nations Framework Convention on Climate Change (COP 17/CMP 7), to be held in Durban, South Africa, to recognize the key role of CCS as a low carbon technology in mitigating climate change and to expedite the inclusion of CCS as a measure in the CDM and in other appropriate financial mechanisms created to mitigate greenhouse gas emissions.

#### **Building and Financing Commercial-Scale CCUS Projects**

We are fully committed to the CSLF strategy to build and operate multiple successful commercial-scale CCUS project demonstrations by 2020. Many such projects are currently under development. Demonstration projects will initially require a mix of public and private financing. The long term deployment of CCUS projects will require the development of conducive policies in order to underpin the necessary financial investment. We are committed to developing these policies. Recognizing the international economic turmoil and the significant need for financial incentives to realize CCUS, financing will remain a key challenge in developed and particularly in developing countries. Increased international concerted action is needed to overcome this challenge. We today reaffirmed our commitment to work with the private sector to build and finance the needed demonstration projects over the next decade.

## **Building on the Success of the CSLF**

Recognizing the continuing need to address challenges, Ministers agreed to extend the term of the CSLF for an indefinite period beyond its prior expiration date of 2013. While much progress has been achieved since the CSLF was founded in 2003, more remains to be done to enable deployment of this vital suite of low carbon technologies.

Ministers recognize the success of the CSLF in providing governments with an international forum to collaborate and create shared commitments to CCUS research, development, demonstration and deployment. This includes ongoing CSLF initiatives to:

- Share information internationally on important CCUS projects;
- Build the capacity for CCUS in the developing country CSLF Members;
- Explore methods for financing CCUS projects, particularly in developing countries; and
- Develop global roadmaps for research, development and demonstration of CCUS technologies.

We are particularly pleased that a total of 30 active and completed, now expanded to 36, diverse CCS projects throughout the world have now been recognized by the CSLF and are sharing their results globally through the CSLF.

## **Expanding Collaboration through the CSLF**

Ministers agree to extend and amend the CSLF Charter to include facilitation and deployment of technologies for utilization of captured carbon dioxide (CCUS).

## **Importance of Stakeholders and Growing International Collaboration**

We are acutely aware that stakeholders in industry, society and the academic community are critically important to the development and commercial deployment of CCUS. While the CSLF is a means of international collaboration by governments, collaboration at the international level between governments and industry is also vitally important. We applaud the efforts of stakeholders to advance CCUS and to be involved in CSLF activities. We strongly encourage their continued involvement in CSLF.

We also welcome additional international collaborations on CCUS through the International Energy Agency, Global Carbon Capture and Storage Institute, the Clean Energy Ministerial (CEM) and multilateral financial institutions. We believe that the increasing number of such collaborations reflects the growing global recognition of the criticality of CCUS and we see these additional collaborations as complementary to the work of the CSLF. We also strongly encourage coordination among these international collaborations. Further, we acknowledge the CCUS recommendations of the second CEM meeting and we look forward to the implementation of those recommendations.

## **Overcoming the Challenges**

We support strategies for the CSLF to resolve barriers for successful implementation of CCUS projects at a time of significant global economic challenge.

- We will work with the private sector to develop and implement methods to finance projects, including those in developing countries.
- We will work to develop legal and regulatory mechanisms to assure safety and appropriately allocate liabilities between the public and private sectors appropriate to our national circumstances.
- We will strengthen cooperation on both technology and policy in order to reduce the financial costs, to lower the energy penalty and to allay public concerns associated with the deployment of CCUS technologies.
- We commend the CSLF's capacity building initiative, and are pleased to announce funding for 12 projects today.
- We task the CSLF to undertake CCUS development initiatives in sectors such as power generation, industry and enhanced oil and gas recovery.