



## OVERVIEW FOR THE MINISTERS

October 2009

Given continued global reliance on fossil fuels, Carbon Capture and Storage (CCS) is essential to climate change mitigation – the emissions reductions needed to stabilize greenhouse gas concentrations cannot be achieved without CCS. For CCS to make a difference in climate change mitigation, however, early actions are needed to accelerate the commercialization of CCS on a global scale.

### **CSLF: Meeting the Global Challenges of CCS**

The Carbon Sequestration Leadership Forum (CSLF) provides the coordination and focus needed for timely and effective international collaboration on CCS. The CSLF, whose Members represent over three quarters of the world's greenhouse gas emissions, was inaugurated in 2003. It is now more than half way through its chartered mandate to 2013. Its central focus remains promoting international collaboration and government-industry partnerships on CCS.

Since its inception, the CSLF has made significant progress in fostering a global consensus on the necessity for CCS and on the steps needed to make it a reality. The CSLF advanced international collaboration on CCS technology and aided Members in creating the institutional framework necessary to implement it. Two attached summary papers describe the achievements of the CSLF and how the CSLF will help to meet the future challenges of achieving widespread global deployment of CCS.

### **Looking to the Future: The CSLF Strategic Plan and Technology Roadmap**

The CSLF early on established a strategic plan and roadmap to help focus global efforts to develop CCS technology and the institutional framework it requires. Much progress has been made on CCS since the CSLF's inception, catalyzed to a large degree by the efforts of the CSLF and its Members.

Needs for greenhouse gas abatement highlight the necessity of accelerating broad commercialization of CCS in industrialized, developing and transitional economies. Recognition of these needs, coupled with rapid progress on CCS, led to the development of an updated CSLF Strategic Plan and a new CSLF Technology Roadmap. Together, these two documents lay the foundation for accelerating CCS commercialization and the future activities of the CSLF to build on that foundation.

### **Capacity Building**

The CSLF pioneered CCS capacity building on CCS technology and on policy, legal and socio-economic issues for emerging economies. Recognizing, however, that CCS is new and the capacity to widely implement it is not yet adequate in either emerging or industrialized economies, the CSLF has developed a new capacity building program. This new program will assist all its Members to develop the information, tools, skills, expertise and institutions required to implement CCS demonstrations and then move rapidly into commercial operation. Greater levels of funding are needed, however, to support the program. The CSLF Program Plan for Capacity Building is attached.



## Guidance Note for Heads of Delegation

### Introduction

1. This Note provides information on the agenda of the Carbon Sequestration Leadership Forum Ministerial Conference.

### Agendas

2. The current draft agenda for the CSLF Ministerial Conference and the current list of confirmed Heads of Delegation are contained in Annexes 1 and 2 of this Guidance Note respectively. Updated versions of both documents will be made available on the CSLF Registrants website (details of which have been emailed to registered participants).
3. Heads of Delegation (HOD) attention is drawn to the fact that the formal high-level opening of the CSLF Ministerial will take place from 08:45-09:10 on 13<sup>th</sup> October, followed by a Scene-Setting Panel Session during which the IEA CCS Roadmap will be launched. The main focus of Session 1, which is an open session, will be the CEO-Ministerial Roundtable discussions. **Ministerial-level participation in the CEO-Ministerial Roundtable is thus expected and anticipated**, as the Roundtable will include CEO-level participation from CCS industry. The current list of confirmed CEO-level participants is contained in Annex 3 to this Guidance Note.
4. The agenda for HOD Only session entitled “Meeting the Challenges Ahead” is contained in Annex 4 to this Guidance Note. The CSLF Ministerial Steering Board has provided short Ministerial discussion papers for this session. The aim of these papers is to guide and stimulate discussion. The discussion papers will be made available on the CSLF Registrants website (details of which have been emailed to registered participants).
5. Delegations are encouraged to provide concise oral interventions in all sessions of the CSLF Ministerial. The Secretariat and Co-hosts would like to emphasize the importance of avoiding lengthy, prepared statements and instead fostering lively, interactive discussions throughout the entire meeting. To assist with this, **interventions should be kept to a maximum of two minutes**. Wherever possible, prepared statements should be avoided. In the “Meeting the Challenges Ahead” paper, as indicated in the draft agenda in Annex 4, a designated lead-off speaker will be provided with slightly more time to provide opening remarks so as to set the scene for the ensuing discussion.

### Conclusions

6. The conclusions of the Ministerial Conference will be recorded in the Communiqué<sup>1</sup>. The current draft of the Communiqué is currently under review by the CSLF Policy Group and will be made available on the CSLF Registrants website. The key deliverable will be the launch of a new CSLF Capacity Building Programme, for which the Secretariat is seeking voluntary funding pledges from CSLF member countries.

---

<sup>1</sup> HOD will be informed in advance should a Ministers’ signing ceremony form part of the session entitled “Announcement of Ministerial Conclusions”. Currently this remains at the discretion of the Secretariat and Co-hosts.

## Overview of HOD participation

Event / Session Location	Guidance
<b>Drinks reception and Informal Dinner</b> Lancaster House	No interventions required.  <i>Welcome: Ed Miliband</i> <i>Guest Speaker: Yvo de Boer</i> <i>Dress: Lounge suits</i>
<b>Informal HOD Breakfast</b> Drawing Room, Landmark	No interventions required.
<b>Session 1 (open):</b> <b>Scene-setters</b> Grand Ballroom 1, Landmark	Speakers and Panel Session members speak from stage.  No interventions required unless on stage.  <i>N.B. Panel Session will include presentation of new IEA CCS Roadmap by Nobuo Tanaka.</i>
<b>Session 1 (open):</b> <b>Roundtable with CEOs</b> Grand Ballroom 1, Landmark	HOD interventions required. <i>N.B. This session is open to all delegates.</i>  The Chair will facilitate discussion on the following topics, with emphasis on the role of governments in Discussion 1 and the responsibilities of industry in Discussion 2: <ul style="list-style-type: none"> <li>• The Role of CCS in Reducing Global GHG Emissions</li> <li>• The Deployment Challenge</li> <li>• The Commercial Barrier</li> <li>• The Technical Barrier</li> <li>• Legal/Regulatory Risk Barrier</li> </ul>
<b>Informal HOD Lunch</b> Drawing Room, Landmark	No interventions required.
<b>Private walk-through of Exhibits area and 3-D visualisation</b> Grand Ballroom 2, Landmark	No interventions required.
<b>Session 3:</b> <b>Meeting the Challenges</b> Grand Ballroom 1, Landmark	HOD plus 3 officials only.  Interventions required as per the attached agenda for Session 3.
<b>Announcement of Ministerial conclusions</b> Grand Ballroom 1, Landmark	Steven Chu will announce agreement on the CSLF Communiqué.  This session also presents an opportunity for additional national or collaborative announcements to be made by Ministers <sup>2</sup> on: <ul style="list-style-type: none"> <li>- Contribution to the CSLF Capacity Building Programme;</li> <li>- New national commitment to large-scale CCS project(s) or to policies advancing the commercialisation of CCS;</li> <li>- New collaborative CCS projects between CSLF members.</li> </ul>

<sup>2</sup> UK and Norwegian co-hosts must be informed of any intention by HOD to make an announcement. Depending on the number coming forward, time restrictions may be placed on the announcements, but every effort will be made to accommodate HOD.



## CARBON SEQUESTRATION LEADERSHIP MINISTERIAL CONFERENCE

13 OCTOBER 2009

### Accelerating the Commercialization of CCS:

*CSLF Leadership Through International Collaboration*

#### SESSION 1 (OPEN)

- 0845 Welcome**  
Ed Miliband, Secretary of State for Energy and Climate Change, United Kingdom
- 0850 Opening Address**  
Steven Chu, Secretary of Energy, United States
- 0910 Scene-Setting Panel Session:**  
***Progress on Implementation of G8/IEA/CSLF Recommendations***  
*Chair:* Ed Miliband, Secretary of State for Energy and Climate Change, United Kingdom  
*Participants:*  
Claudio Scajola, Minister of Economic Development, Italy  
Nobuo Tanaka, Executive Director, International Energy Agency  
[Dipuo Peters, Minister of Energy, South Africa (TBC)]  
Nick Otter, CEO, Global Carbon Capture and Storage Institute
- 0940 CEO-Ministerial Roundtable**  
*Introduction:* Terje Riis-Johansen, Minister of Petroleum and Energy, Norway  
*Report from Chairs of the CSLF Stakeholder Forum:*  
David Hawkins, Natural Resources Defense Council  
Jeff Chapman, Carbon Capture and Storage Association
- 1000 Discussion 1: “Accelerating Commercialization – The Role of Governments”**  
*Chair:* Preston Chiaro, Chief Executive - Energy & Minerals, Rio Tinto
- 1100 Coffee break**
- 1130 CEO-Ministerial Roundtable (continued)**  
***Discussion 2: “Accelerating Commercialization – The Responsibilities of Industry”***  
*Chair:* [Lisa Raitt, Minister of Natural Resources, Canada (TBC)]
- 1240 Closing Summary**  
Andris Piebalgs, European Energy Commissioner



## CARBON SEQUESTRATION LEADERSHIP MINISTERIAL CONFERENCE

13 OCTOBER 2009

### Accelerating the Commercialization of CCS:

*CSLF Leadership Through International Collaboration*

#### SESSION 2 (CLOSED)

- |             |   |
|-------------|---|
| <b>1250</b> | <b>Ministers' Lunch</b><br><i>Followed by Private Ministerial walk-through of Exhibits area and 3-D visualisation</i>   |
| <b>1420</b> | <b>Ministers-only Discussion Session</b><br><i>Co-chairs: Ed Milliband, Secretary of State for Energy and Climate Change, United Kingdom and Steven Chu, Secretary of Energy, United States</i> |
| <b>1600</b> | <b>Coffee break</b>   |

#### SESSION 3 (OPEN)

- |             |  |
|-------------|--|
| <b>1630</b> | <b>Announcement of Ministerial Conclusions</b><br>Ministerial statements on agreed priorities for the CSLF (as per the Communiqué) and joint / national actions. |
| <b>1700</b> | <b>Closing Address</b><br>Ed Miliband, Secretary of State for Energy and Climate Change, United Kingdom  |
| <b>1715</b> | <b>Press Conference</b>  |

## Annex 2

### CSLF Ministerial Conference London 12-13 October 2009

#### Confirmed List of Heads of Delegation

<b>Martin Ferguson</b> Minister for Resources and Energy Minister for Tourism	Australia
<b>Lisa Raitt</b> Minister of Natural Resources	Canada
<b>Søren Frederiksen,</b> Chief Engineer, Danish Energy Agency	Denmark
<b>Andris Piebalgs</b> Energy Commissioner	European Commission
<b>Claudio Scajola</b> Minister of Economic Development	Italy
<b>Kim Young-hak</b> Vice-Minister of Knowledge Economy	Korea
<b>Hugo von Meijenfeldt</b> Special Envoy for Climate Change Deputy Director-General for Environmental Policy	Netherlands
<b>Terje Riis-Johansen</b> Minister of Petroleum and Energy	Norway
<b>Georgina Kessel Martinez</b> Secretary of Energy	Mexico
<b>Dr. Wan Gang</b> Minister of Science and Technology	Peoples Republic of China
<b>Alexander Klimenko</b> Deputy Director, Federal Agency for Science and Innovation	Russia
<b>HRH Prince Abdulaziz Bin Salman Al-Saud</b> Asistant Minister for Petroleum Affairs	Saudi Arabia
<b>Dipuo Peters</b> Minister of Energy	South Africa
<b>Ed Miliband</b> Secretary of State for Energy and Climate Change.	UK
<b>Lord Hunt, Baron of Kings Heath</b> Minister of State for Energy and Climate Change	UK
<b>Steven Chu</b> Secretary of Energy	USA

## **Annex 3**

### **CSLF Ministerial Conference London 12-13 October 2009**

#### **Confirmed List of VIP Delegates**

##### **Guest Speakers:**

Yvo de Boer	Executive Secretary of the UNFCCC
Nobuo Tanaka	Executive Director of the International Energy Agency
Nick Otter	CEO, Global CCS Institute

##### **CEOs:**

Preston Chiaro	Chief Executive Rio Tinto
Michael Morris	CEO AEP
Don Lowry	CEO EPCOR
Dr. Jamshed J. Irani	Director Tata Steel
Margareth Øvrum	Statoilhydro Executive Vice President, Technology and Projects
Pete Voser	CEO Shell
Paul Golby	Eon
Jeff Chapman	CEO CCSA
David Hawkins	Policy Director NDRC

## Annex 4

### **Meeting the Challenges Ahead** **Heads of Delegation Only Session**

*Session Co-chairs:*

Ed Miliband, Secretary of State for Energy and Climate Change, United Kingdom and  
Steven Chu, Secretary of Energy, United States

#### **Background**

The discussion papers for this session are:

- “What has the CSLF accomplished?” (Authors: CSLF Secretariat)
- “What are the challenges ahead?” (Authors: CSLF Ministerial Steering Board)

HOD will be asked to endorse the following:

- “CSLF Strategic Plan” (Authors: CSLF Policy Group)
- “CSLF Technology Roadmap” (Authors: CSLF Technical Group)

HOD are asked to note the following papers are of relevance to this discussion:

- “IEA CCS Roadmap” (Authors: International Energy Agency)
- “Summary of Draft Major Economies Forum CCS Action Plan” (Authors: MEF CCS group)

#### **AGENDA**

**1420 Introduction by co-chairs**

“What has the CSLF Accomplished” – *Steven Chu*

“What are the challenges ahead?” – *Ed Miliband*

**1430 Options to fast-track demonstration projects globally:**

Co-development between Developed and Developing countries – *Jean-Louis Borloo\**

Knowledge sharing between demonstration projects – *Martin Ferguson\**

**1515 Options to tackle barriers to investment:**

Recognition of CCS in international agreements – *Terje Riis-Johansen*

Capacity Building to remove technical and regulatory barriers – *Abdulaziz Bin Salman Al-Saud\**

**1600 Endorsement of CSLF Strategic Plan and Formalisation of Communiqué**

*Lisa Raitt, Steven Chu and Ed Miliband*

*\*To Be Confirmed*