



# Report from the CSLF Secretariat

John Panek, CSLF Secretariat

May 19, 2011

Edmonton, Alberta Canada

# Summary

- Recent Events
  - CSLF PIRT Meeting
  - CSLF Projects Interactive Workshop
  - ADB/CSLF Financing Roundtable
- Projects in CSLF Application Process
- IEA GHG Reports Access
- CSLF Technology Roadmap Country Updates
- CSLF Ministerial Meeting
  - Ministerial Invites Issued
  - General Schedule
  - CSLF Project Awards

# Projects Interactive Review Team Meeting



March 3, 2011



# Draft Meeting Summary

## Projects Interaction and Review Team (PIRT)

### Task Force Meeting

#### Al Khobar, Saudi Arabia

#### March 3, 2011



#### ■ Summary of Consensus Reached

1. Scheduled for the 2011 Technology Roadmap.
2. PIRT reached consensus on terminating the Technology Readiness Level activity.
3. Wandoan Project recommended for CSLF recognition at the Technical Group in Edmonton in May, 2011.

# Draft Meeting Summary

## Projects Interaction and Review Team (PIRT)

### Task Force Meeting

#### Al Khobar, Saudi Arabia

#### March 3, 2011



#### ■ Summary of Action Items

1. Secretariat sent an email to the Technical Group soliciting ideas and concepts prior to the Edmonton Technical Group Meeting.
2. PIRT Chairman, Clinton Foster, will take the lead in coordination with the Global CCS Institute about CSLF efforts regarding Knowledge Management.
3. Technical Executive Committee teleconference with the Global CCS Institute on knowledge sharing efforts and activities.

# CSLF Storage and Monitoring Projects Interactive Workshop



March 1-2, 2011



# CSLF Storage and Monitoring Projects Interactive Workshop

**Al Khobar and Shaybah, Saudi Arabia  
March 2011**

- CO<sub>2</sub> Storage Capacity Assessment Methodologies and Standards
- Behavior of Sequestered CO<sub>2</sub> under Different Regimes of CO<sub>2</sub> Purity, Pressure, Temperature
- CO<sub>2</sub> Monitoring Experiences and Recommended Paths Forward

# CSLF Storage and Monitoring Projects Interactive Workshop



CSLF Recognized Projects featured:

- **CO<sub>2</sub> Field Lab Project**
- **CO2CRC Otway Project**
- **CO<sub>2</sub> Store Project / Sleipner and Snøvit Projects**
- **Fort Nelson Carbon Capture and Storage Project**
- **Geologic CO<sub>2</sub> Storage Assurance at In Salah, Algeria**
- **IEA GHG Weyburn-Midale CO<sub>2</sub> Monitoring and Storage Project**
- **Ketzin Test Site Project (formerly CO<sub>2</sub> Sink Project)**
- **Lacq CO<sub>2</sub> Capture and Storage Project**
- **Regional Carbon Sequestration Partnerships**
- **SECARB Early Test at Cranfield Project**
- **Zama Acid Gas EOR, CO<sub>2</sub> Sequestration, and Monitoring Project**



# Al-Khobar and Shaybah



# CSLF Storage and Monitoring Projects Interactive Workshop



The Kingdom of Saudi Arabia hosted the CSLF Storage and Monitoring Projects Interactive Workshop and PIRT Meeting from March 1-3, 2011 in Al Khobar and Shaybah, Saudi Arabia. CSLF experts from around the globe shared their experience in implementing carbon capture and storage (CCS) technologies. The workshop was sponsored by Saudi Aramco and included a tour of Saudi Aramco's Shaybah Gas-Oil Separation Plant.

# Session 1: CO<sub>2</sub> Storage Capacity Methodologies and Standards



(L-R) **Susan Hovorka, Ed Steadman**, Session Co-Chairs: **Pierre Le Thiez** (France); **Ali Al-Meshari** (Saudi Arabia), **Steve Whittaker, Iain Wright**

## Session 2: Behavior of Sequestered CO<sub>2</sub> under Different Regimes of CO<sub>2</sub> Purity, Pressure, Temperature



(L-R) John Harju, Axel Liebscher, Session Co-Chairs: Clinton Foster (Australia); Tony Surridge (South Africa), Susan Hovorka, Hubert Fabriol

## Session 3: CO<sub>2</sub> Monitoring Experiences and Recommended Paths Forward



(L-R) **Clinton Foster, Steve Whittaker**, Session Co-Chairs: **Trygve Riis** (Norway); **José Miguel González Santaló** (Mexico), **Philip Ringrose, Marc Lescanne, Iain Wright**

# CSLF Storage and Monitoring Projects Interactive Workshop



March 1-2, 2011



# Projects in CSLF Application Process

- **Wandoan Project** (Australia, United States, Canada)
- **Zero Emission Porto Telle (ZEPT) Project** (Italy, European Commission)
- **Jänschwalde Project** (Germany, European Commission)

# IEAGHG Report Policy

"... IEAGHG reports can be freely distributed to all member countries that are members both of IEAGHG and CSLF from their date of publication. Six months after their publication date they can be distributed to any CSLF member irrespective if they are an IEAGHG member or not."



# Upcoming CSLF Meetings

- **2011 CSLF Ministerial Meeting**  
Beijing, China  
September 20-23, 2011



# 2011 CSLF Ministerial Meeting

## DRAFT Tentative Block Agenda

20-23 September 2011 Beijing, China

Tuesday 20 September	Wednesday 21 September	Thursday 22 September	Friday 23 September
<b>Registration</b> 09:00-12:00 <b>CSLF Task Force Meetings</b> 09:30-12:00	<b>Registration</b> 08:00-09:00 <b>Opening Ceremony</b> 09:00-09:30 <b>CSLF Policy Group Meeting</b> 09:45-12:30 <b>CSLF Technical Group Meeting</b> 09:45-12:30	<b>Registration</b> 08:00-09:00 <b>Ministerial Roundtable (Open Session)</b> 09:00-12:00	<b>Joint Meeting of CSLF Policy and Technical Group</b> 09:00-12:30
<b>Registration</b> 13:00-17:00 <b>CSLF Policy Group Meeting</b> 13:30-17:00 <b>CSLF Technical Group Meeting</b> 13:30-17:00	<b>Registration</b> 12:00-13:30 <b>Stakeholder Forum (CCUS Technology and Cooperation Forum)</b> 13:30-18:00	<b>Ministerial Roundtable (Close-door Session)</b> 14:00-15:45 <b>Press Conference</b> 17:30-18:00	<b>Technical Visits (TBD)</b>
	<b>Reception</b> 18:30-20:00 Venue: Jaan Hall, Building B, Beijing Hotel	<b>Welcome Banquet (Ministers &amp; High levels)</b> 18:30-20:30	

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# 2011 CSLF Ministerial Meeting DRAFT Tentative Block Agenda

20-23 September 2011 Beijing, China

Tuesday  
20 September

**Registration**

09:00-12:00

**CSLF Task Force Meetings**

09:30-12:00

**Registration**

13:00-17:00

**CSLF Policy Group Meeting**

13:30-17:00

**CSLF Technical Group Meeting**

13:30-17:00



# 2011 CSLF Ministerial Meeting DRAFT Tentative Block Agenda

20-23 September 2011 Beijing, China

Wednesday  
21 September

**Registration**

08:00-09:00

**Opening Ceremony**

09:00-09:30

**CSLF Policy Group Meeting**

09:45-12:30

**CSLF Technical Group Meeting**

09:45-12:30

**Registration**

12:00-13:30

**Stakeholder Forum (CCUS Technology and Cooperation Forum)**

13:30-18:00

**Reception**

18:30-20:00

Venue: Jaan Hall, Building B, Beijing Hotel



# 2011 CSLF Ministerial Meeting DRAFT Tentative Block Agenda

20-23 September 2011 Beijing, China

Thursday  
22 September

**Registration**

08:00-09:00

**Ministerial Roundtable (Open Session)**

09:00-12:00

**Ministerial Roundtable (Close-door Session)**

14:00-15:45

**Press Conference**

17:30-18:00

**Welcome Banquet (Ministers & High levels)**

18:30-20:30



# 2011 CSLF Ministerial Meeting DRAFT Tentative Block Agenda

20-23 September 2011 Beijing, China

Friday  
23 September

**Joint Meeting of CSLF Policy and Technical Group**  
09:00-12:30

**Technical Visits (TBD)**