



CSLF Technical Group Meeting

Report from Projects Interaction and Review Team

Beijing, China
20-21 September 2011

Agenda 8
TAB XX



PIRT Meeting Edmonton, Canada, May 2011

Summary of Consensus Reached

- The Task Force to Assess Progress on Technical Issues Affecting CCS has been separated from the PIRT
 - To report directly to the Technical Group
- Projects approved by the PIRT
 - ZEPT Project in Italy
 - Jänschwalde Project in Germany
- CSLF Project Submission Form - *Gaps Analysis Checklist* simplified to some extent.



PIRT Meeting Beijing, China, September 2011

- Projects approved by the PIRT and recommended for recognition by the Technical Group
 - Rotterdam Opslag en Afvang Demonstratieproject (ROAD) offshore Netherlands
 - CGS Europe Project
 - SaskPower Boundary Dam Integrated CCS Demonstration Project in Canada
 - CO₂ Capture Project, Phase III



1. CSLF Project Recognition Process

1. CSLF Project Submission Form with Gaps Analysis Checklist

- Prepared by proponent and endorsed by relevant Delegates, for submission to CSLF

2. Presentation to and recommendation by PIRT to Technical Group

most technical detail to PIRT → TG → PG least technical detail

3. Issue of level of detail in the questionnaire to be filled out by project proponents still under discussion – to be resolved at the next PIRT meeting



Categories CSLF-recognized projects

- Completed projects
- Active projects
- Inactive projects
- Projects withdrawn by the operator/proponent



Proposed Technical Group Plan

- Action Plan 1. Technology Gaps Closure - **existing**
- Action Plan 2. Energy Penalty Reduction
- Action Plan 3. CCS with Industrial Emissions Sources
- Action Plan 4. Best-Practice Knowledge Sharing
- Action Plan 5. Risk and Liability
- Action Plan 6. CO₂ Transport and Compression
- Action Plan 7. Storage and Monitoring for Commercial Projects
- Action Plan 8. Technical Challenges for Conversion of CO₂ EOR to CCS
- Action Plan 9. Competition of CCS with Other Resources
- Action Plan 10. Life Cycle Assessment and Environmental Footprint of CCS
- Action Plan 11. Carbon-neutral and Carbon-negative CCS
- Action Plan 12. CO₂ Utilization Options

Decision:

- **Divide them into 2 categories:**
 - a) **taken up by other organizations, and**
 - b) **identified by CSLF only**
- **Establish priority list and urgency within two months**
- **Seek volunteers among delegates within another month**



Technology Road Map

Decisions:

- Maintain content on
 - Introduction
 - Current Status of CO₂ Capture and Storage Technology
 - Module 2: Ongoing Activities in CO₂ Capture and Storage
 - Gap Identification
 - Technology Roadmap (including milestones by topic and timescale)
- Update the TRM every 3 years (next update due in 2013)
- Move module on “Ongoing Activities in CCS” to a web-based document to be updated annually by delegates of member countries at the request of the Secretariat



Technical Workshops

Recommendations

- Should be held opportunistically in conjunction with other events (preferably CSLF meetings)
- Should cover topics of interest to CSLF
- Preferably should have at least one per year