



# **PIRT Meeting**

Beijing, China  
19 September 2011



## **PIRT Meeting Agenda**

1. Welcome and opening remarks
2. Introduction of attendees
3. Approval of summary from Edmonton PIRT Meeting
4. Review of Action Items from Edmonton PIRT Meeting – Secretariat
5. Review and approval of 4 projects nominated for CSLF recognition
6. Discussion of CSLF Project Recognition procedures and update of CSLF Project Submission Form
7. Discussion of Proposed Items on the TG Action Plan
8. Review of schedule and plan of the CSLF TRM
9. Planning for future Technical Workshops
10. New Business
11. Summary of New Action Items
12. Closing comments/adjourn

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**19 September 2011**



# PIRT Meeting Edmonton, Canada

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## Summary of Consensus Reached

- The *Task Force to Assess Progress on Technical Issues Affecting CCS* has been separated from the PIRT
  - It reports directly to the Technical Group
- Projects approved by the PIRT
  - ZEPT Project
  - Jänschwalde Project
- A new procedure will be used for approval of projects nominated for CSLF recognition.



# PIRT Meeting Edmonton, Canada

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## Summary of Action Items

- Secretariat
  - Reminder to CSLF Members to provide 2011 TRM updates
- Task Force *Assessing Progress* - Chair
  - Ensure WG members consist of people with technical expertise
  - Develop new and concise listings of technology gaps
  - Develop schedule of deliverables
  - Develop a message to the Ministers and policy makers that global cooperation on CCS technologies via the CSLF is producing results (*completed – this meeting*)
- PIRT Chair
  - Develop draft of revised Project Submission Form, including simplified Gaps Checklist (*completed – for discussion at this meeting*)



## CSLF PIRT Meeting

# Discussion of CSLF Project Recognition Procedures and Update of the Project Recognition Submission Form

Beijing, China  
19 September 2011



# Project recognition procedures – topics

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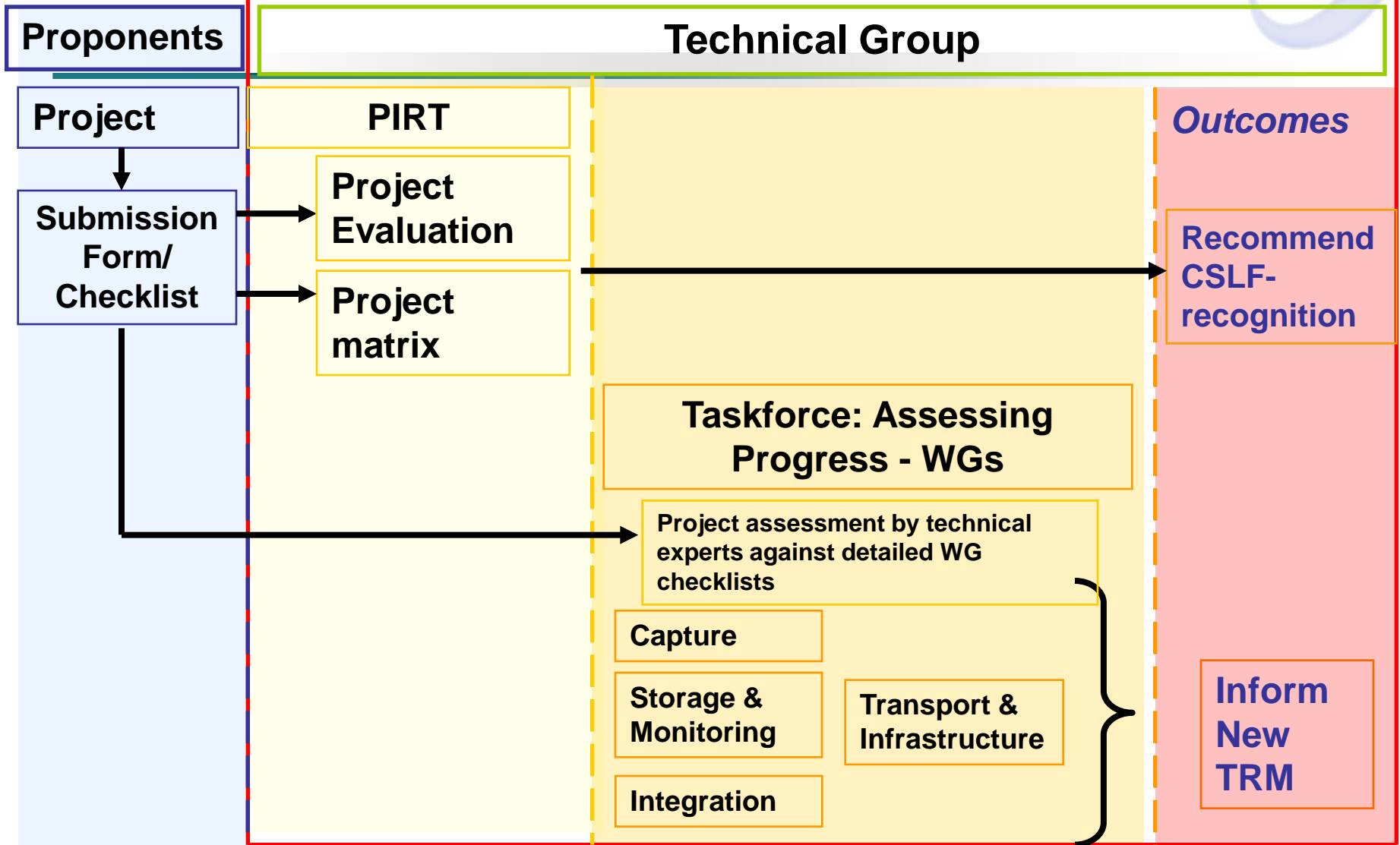
1. Project recognition – information analysis, and contribution to assessing the progress in technical issues affecting CCS.
  - Process of project presentation as agreed at Edmonton :
    - most technical detail to PIRT —> TG —> PG least technical detail
2. Active and inactive projects.
3. Project submission form



# 1. CSLF Project Recognition Process

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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
3. **Proposed:** WGs of Task Force *Assessing Progress on Technical Issues Affecting CCS*
  - consider technical aspects of project, against WG detailed checklist
  - the information to be used to measure progress of CCS into CCS Ready or GCCSI models
  - Information feeds into TRM update (**see diagram**)



*Roles in CSLF Project Recognition and technology input to TRM*





# Project recognition procedures – topics

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1. ....

2. Inactive projects and project withdrawal:

- General discussion on inactive projects and withdrawal
  - Completed projects
  - Active projects
  - Inactive projects – their status should be clarified
  - Projects stopped by the operator/proponent for various reasons
- Role of Secretariat, PIRT, TG, PG



# Project recognition procedures – topics

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1. ....
2. ....
3. Update of the Project Recognition Submission Form



# Background

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- PIRT agreed at Edmonton that the Project Submission form *CSLF Gaps Analysis Checklist* needed to be simplified
- PIRT asked the question what purpose has the current 7-pages *Gaps Analysis Checklist* – given that technical experts of WGs of Task Force *Assessing Progress on Technical Issues Affecting CCS* have developed more detailed gaps analysis checklists



## Background

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- The question arose as the Task Force attempted to assess progress technical issues (gaps) affecting CCS
- Task Force was formed after the latest adaption of the CSLF Project Submission Form, and detailed re-assessment of the technical issues (gaps) by each WG of Task Force



# Proposed solution and recommendation

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- Simplified *CSLF Gaps Analysis Checklist* (1 page) be adopted [Revised CSLF Project Submission form and checklist September 2011.DOC](#)
- Data are provided by project proponents and will be used to place project within high level CSLF project matrix (e.g. Capture Monitoring/Storage/Transport technologies)
- Assessment of progress by Task Force will use gaps lists developed by WG technical experts when considering contribution by CSLF Projects



## CSLF PIRT Meeting

# Discussion of Proposed Technical Group Action Plan

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# Proposed Technical Group Plan

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- 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. CO<sub>2</sub> Transport and Compression
- Action Plan 7. Storage and Monitoring for Commercial Projects
- Action Plan 8. Technical Challenges for Conversion of CO<sub>2</sub> 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. CO<sub>2</sub> Utilization Options

## *Discussion Items:*

- *Importance, urgency and priority*
- *Plan coordinators and timing*



## CSLF PIRT Meeting

# Review of Plan for 2012 CSLF Technology Roadmap

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# TRM

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- Current format of the Technology Roadmap
  - Module 0: Introduction
  - Module 1: Current Status of CO<sub>2</sub> Capture and Storage Technology
  - Module 2: Ongoing Activities in CO<sub>2</sub> Capture and Storage
  - Module 3: Gap Identification – informed by Task Force
  - Module 4: Technology Roadmap (including CSLF Milestones by Topic and Timescale)
- Schedule for Completion – Secretariat Milestones



# TRM

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- Questions to be addressed:
  - Is the current format adequate, or it needs revision?
  - What should be the frequency for updating the TRM considering technological advances and CCS deployment and who will support the Secretariat?
  - Schedule?



## CSLF PIRT Meeting

# Planning for Future Technical Workshops

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# Technical Workshops

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- What is the purpose?
- What would be possible subjects?
- What should be their frequency?
- Who will organize them, provide logistics support and funding?



## CSLF PIRT Meeting

# Meeting End

11. New business
12. Summary of Action Items
13. Closing Comments & Adjourn

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