



CSLF Technical Group Project Interaction and Review Team

Status

**Cape Town, South Africa
13th April 2008**

**Chair : Nick Otter
United Kingdom**

PIRT : Membership

as of 12th April 2008



- **A Core Group comprising the Chair and Vice Chairs of the Technical Group and other delegates as designated by the Technical Group.**

Australia	Clinton Foster
Canada	Bill Reynen
Denmark	Flemming Ole Rasmussen
European Commission	Jeroen Schuppers
Germany	Jürgen-Friedrich Hake
India	Malti Goel
Netherlands	Harry Scheurs
Norway	Trude Sundset
Saudi Arabia	Khalid Abuleif
UK	Nick Otter
USA	George Guthrie

- **Co-chairs : **Australia, EC and UK****
- **A Floating Group comprising representatives of CSLF recognized projects with overall management responsibility in the project (e.g. project manager), as well as other subject area experts.**

PIRT : Tasks



- **Assess projects** proposed for recognition by the CSLF
- **Review CSLF project portfolio** and identify synergies, complementarities and gaps, giving input for CSLF Road Map revision..
- **Identify technology gaps** where further RD&D would be required.
- **Foster enhanced international collaboration** for CSLF projects
- **Promote awareness** within the CSLF of new developments in CCS
- **Organize periodic activities** to facilitate exchange of experience and views on issues of common CCS interest

PIRT : Meetings

Chair Role as of 13th April 2008



• Position to date

PIRT#1 : US	April 2006
PIRT#2 : UK	June 2006
PIRT#3 : UK	August 2006
PIRT#4 : Australia	November 2006
PIRT#5 : Australia	March 2007
PIRT#6 : UK	January 2008
PIRT#7 : UK	April 2008

• Future Position

PIRT#8 : UK	Autumn 2008
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Continuing strong support from CSLF Members

PIRT : Current Actions

13th April 2008



- **Technology Roadmap Review and Update**

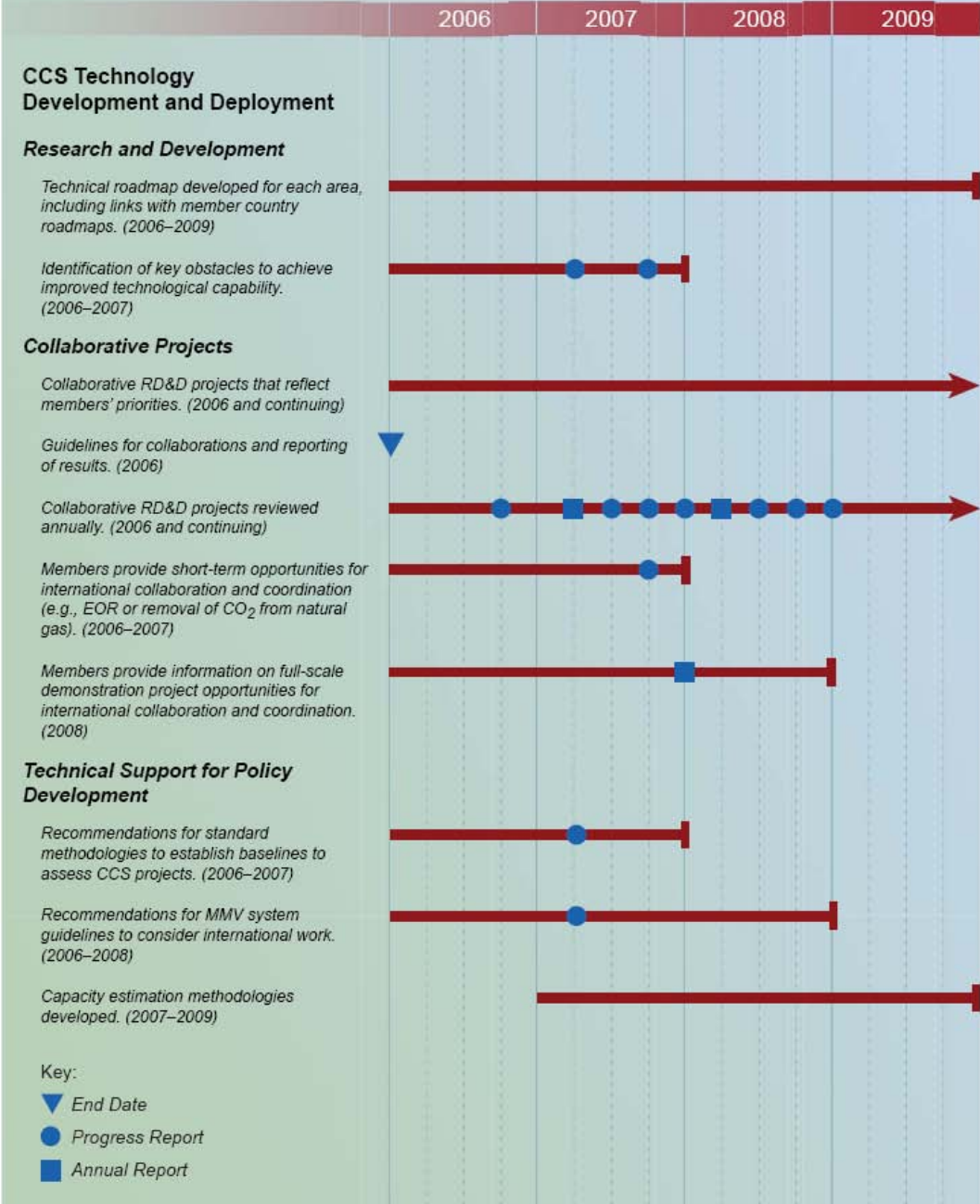
- **CSLF Projects**

- update of project submission form
- project report status
- benefits survey feedback
- areas where new projects would be beneficial
- encouragement for action

- **Technology/Policy Support Actions**

- linkage with IEA GHG R&D Programme
- linkage with European Commission FP7 Programme
- workshops/events : Paris March 2007
 - : Al Khobar January 2008
 - : Cape Town April 2008

CSLF Action Plan Timeline for the Projects Interaction and Review Team (PIRT)



Activity 2: TRM Update

Activity 3: Member Road Maps and engagement - Capacity Workshop in Saudi Arabia on 28-29Jan08

Activity 1: Projects Review

Activity 4: Technical/Policy Support – IEA GHG R&D, EC FP7

PIRT : CSLF Projects

Portfolio



• Current Project Portfolio

19 in total, update contained in CSLF SPIR of January 2008

..... 3 now completed : CASTOR, CO2STORE, China Coal Methane

2004 : 10 Melbourne

2005 : 7 Berlin

2007 : 2 Paris

2008 : 1 Cape Town (recommended by PIRT/TG to PG)

• Proposed Project : DYNAMIS

“Towards Hydrogen production with CO₂ Management”

Sponsored by EC and Norway : Led by Nils Rokke SINTEF/Norway

• Project Reporting

Reports from 16 of 19 CSLF projects, 31st March 2008

PIRT : CSLF Projects

Questionnaire/Recognition Survey



- Quantify benefits of being a CSLF Project agreed at Al Khobar on 25th January 2008
 - Questionnaire prepared by CSLF Secretariat
 - CSLF Projects and Stakeholders approached
 - February to March 2008 timeframe
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- Limited response to date : 10% stakeholders/20% projects
 - positives : “chance to help shape policy”, “prestige”
 - negatives : “administration burden outweighs benefit”

**Chasing outstanding responses :
output to be used to help encourage more CSLF projects**

PIRT : CSLF Projects

Areas where projects should be encouraged



- **Analysis of current project portfolio?**
- **Impact of questionnaire and survey?**
- **How to handle policy/technical interrelations?**
- **How to use the `gap analysis`?**
- **Plan and how to resource it?**

PIRT : CSLF TRM Review

Plan and Timeframe



Lead : France/Pierre Le Thiez

Revised Action Plan

Agreed at PIRT#6 in Al Khobar on 25th January 2008

1. Agree Plan between the PIRT co-leads **12th September 2007**
2. Issue agreed Plan to PIRT members requesting nominations for a TRM Review Team **18th September 2007**
3. Finalise Review Team **30th September 2007**
4. Produce initial analysis of current TRM and review progress at PIRT meeting in Saudi Arabia. **27th January 2008**

5. Produce update draft of TRM. **29th February 2008**
6. Issue final draft as papers for PIRT and Technical Group meetings in April 2008. **31st March 2008**

Current TRM done in 2004 : a very different landscape in 2008

Target : TRM Update draft ready for review in November 2008

PIRT : IEA GHG R&D

Support Action - Status



- Arrangement agreed between CSLF and IEA GHG R&D
October 2007 : “win-win” approach
- Ideas requested in December 2007 for consideration
- Proposed “trail blazer” project :
Storage Capacity Coefficients
to be reviewed at IEA GHG R&D ExCo 21-23th April 2008

PIRT : EC FP7 on CCS

Support Action - Proposed Route



- Specific International Co-operation Actions (SICA) in 2008 Energy Theme Work Programme :
‘Capacity Building in Large Emerging Economies’
 - involvement of 2+ EU Member States
 - involvement of 2+ (CSLF Member) large emerging economies
 - benefits of involving other CSLF (developed) Member Countries
 - benefits of involving other stakeholders
- Opportunities
 - 2008 : outline proposals due in 29th February 2008 – pilot action
 - Global Atlas of Storage
 - Modeling of Storage in Aquifers
 - 2009 : topics likely to include storage safety as a focus

PIRT : Some thoughts on future

Opportunities



- CSLF a good well established vehicle : increase role and action
- take advantage of possible synergies : requires planning and visibility of activity not only in CSLF but also elsewhere in world
- very timely to review CSLF Strategic Plan for the next 5 years : set the clear direction for the future and clarity of actions required
- opportunity to align and build on G8/IEA/CSLF recommendations



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