



**IEA Greenhouse Gas R&D Programme**

# **2<sup>nd</sup> Joint Network Meeting**

**Hosts : Los Alamos National Laboratory**

**Sponsors : Los Alamos National Laboratory, Sandia  
National Laboratories, Schlumberger Carbon  
Services**

*Santa Fe, New Mexico*

*19-21 June 2012*

# Sponsors

IEAGHG would like to thank the following:



**Sandia  
National  
Laboratories**

**Schlumberger**  
Carbon Services



# IEA Greenhouse Gas R&D Programme (IEAGHG)



- A collaborative international research programme founded in 1991
- Aim: To provide information on the role that technology can play in reducing greenhouse gas emissions from use of fossil fuels.
- Focus is on Carbon Dioxide Capture and Storage (CCS)
- Producing information that is:
  - Objective, trustworthy, independent
  - Policy relevant but NOT policy prescriptive
  - Reviewed by external Expert Reviewers



ALSTOM



EPR2

CIAB



ExxonMobil



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INSTITUTO DE INVESTIGACIONES ELECTRICAS

B&W power generation group

Enel L'ENERGIA CHE TI ASCOLTA.

GLOBAL CCS INSTITUTE

JGCC

RWE The energy to lead

Statoil

# IEAGHG



- *Flagship activities:*
- **Technical Studies** >250 reports published on all aspects of CCS
- **International Research Networks**
  - Risk Assessment
  - Wellbore Integrity
  - Monitoring
  - Modelling
  - Environmental Impacts
  - Oxy-combustion
  - Post-combustion Capture
  - Solid Looping
  - Social Research
  - Environmental Impacts
- **GHGT conferences** – GHGT-11 in Kyoto, 19-22 Nov 2012



# IEAGHG R&D Networks



- Bring together international key groups of experts to share knowledge and experience
- Identify and address knowledge gaps
- Act as informed bodies, eg for regulators
- CO2 geological storage – assessing and managing risks
- Started in 2004/5
  - *Risk Assessment Research Network*
  - *Monitoring Research Network*
  - *Wellbore Integrity Research Network*
  - *Modelling Network (2009)*
  - *Environmental Impacts Workshops (2008)*
- Benefit experts and wider stakeholders
- Depend on experts' time and inputs – valuable and widely appreciated

# 2<sup>nd</sup> Joint Network Meeting



## Aims:

- to ensure the Networks are working in the most efficient way without duplication or gaps
- to identify cross-cutting issues and their consequences; requiring input from more than one Network
- to set the framework for the future direction of the Networks

# Meeting Agenda



1. How far have we come?
2. Where do we go next?

Breakout groups – 3 sets



# Steering Committee



Tim Dixon, IEAGHG (Chair)

Rajesh Pawar, LANL (Co-Chair, Host)

Ameena Camps, IEAGHG (Co-Chair)

Melissa Fox, LANL (Host)

Pascal Audigane, BRGM

Stefan Bachu, Alberta Innovates

Bill Carey, LANL

Andy Chadwick, BGS

Rick Chalaturnyk, University Of Alberta

Kevin Dodds, BP Alternative Energy

Hubert Fabriol, BRGM

George Guthrie, US DOE/NETL

Sue Hovorka, University of Texas

Charles Jenkins, CSIRO

Franz May, BGR

Samantha Neades, IEAGHG

Max Prins / Owain Tucker, Shell

Millie Basava-Reddi, IEAGHG

Lee Spangler, Montana State  
University

Steve Whittaker, Global CCS Institute

Neil Wildgust, PTRC



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