



IEA Greenhouse Gas R&D Programme

2nd 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

2nd 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



Key points

Modelling

- Multiple time and spatial scales
- Upscaling approaches
- Integration with monitoring

Risk Assessment

- CCS project involvement
- Voting on topics
- Virtual meetings on hot topics

Key points



Monitoring

- Frank technical discussions
- Benchmarking projects
- Topic-based workshops
- Keep depth

Environmental Impacts

- Relating fluxes to impacts
- Industrial analogues

Key points



Wellbore Integrity

- Design of casing and cements for different environments
- Impacts of fracking and seismicity
- Desire to continue as dedicated network

Common needs



- Systematic iterative links between risk assessment, monitoring, verification, best practices
- Dealing with uncertainty, consequences, mitigation plans
- Defining criteria, thresholds, acceptable deviations from trends
-



Recommendations

- More Network to Network collaboration
- Virtual meetings on hot topics
- Topic-based workshops eg perform assessment, remediation
- Risk Assessment Network to expand to Risk Management, including mitigation and remediation actions
- SC refresh
- Activity inbetween meetings
- Interaction w Social Science Network

.....

Recommendations



- Small or focussed meetings linked to other meetings – consult SCs
- Keep meeting character
- Combined meetings
- Literature



Next steps 1

- IEAGHG to reflect and act upon recommendations

Next steps 2



- NRAP workshop – 08:00-12:30 on 21st
- Field trip – Bandelier, Los Alamos Bradbury Museum, Chimayo

Next steps 3



- Environmental Impacts workshop
- GHGT-11

Sponsors

IEAGHG would like to thank the following:



**Sandia
National
Laboratories**

Schlumberger
Carbon Services



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



Thank you !



IEA Greenhouse Gas R&D Programme

2nd 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