



IEA Greenhouse Gas R&D Programme



IEA Greenhouse Gas R&D Programme: a summary of current activities

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General Manager

57th WPPF, Paris

10-11th December 2009





IEA Greenhouse Gas R&D Programme



Contracting Parties and Sponsors





GCCSI Agreement

- IEA GHG has signed a research provider agreement with GCCSI
 - ~£500k per year for 3 years
 - Undertake specific research topics for GCCSI to support its activities to assist the implementation of CCS demonstration projects.
 - Runs in parallel and in support of members programme



IEA GHG Activities

Theme 1 – Technology Evaluations

- Techno – economic evaluations
- Technical assessments
- Expert meetings

Theme 2 – Facilitating Implementation

- Technical assessments
- Provision of Evidence Based Info.
In support of regulatory development
- IEA/CSLF/G8 Activities
- GCCSI
- CCS Summer School

Theme 3 International Co-operation

- International Research networks
- Practical R,D&D
- JIPs
- Direct collaborations

Theme 4 - Dissemination

- Quarterly newsletter
- Web sites
- Public summary reports
- GHGT Conferences
- International Journal on Greenhouse Gas Control



Notable Achievements in Year

Theme 1 – Technology Evaluations

- 14 assessment reports issued
- Operational flexibility work shop held

Theme 2 – Facilitating Implementation

- GCCSI agreement
- IEA Regulators network/Site characterisation guidelines
- What have we learnt activity commenced

Theme 3 International Co-operation

- Oxyfuel Conference series established
- Social research network established
- Modelling network

Theme 4 - Dissemination

- International Journal on Greenhouse Gas Control Impact factor of 1.4



Technical Reports Issued in 2009

Capture/Transport	Storage
Upgraded calculator for CO ₂ pipeline systems	Storage in Depleted Gas Fields
Safety in Carbon Dioxide Capture, Transport and Storage	Long Term Integrity of CO ₂ Storage – Well Abandonment
Techno-Economic Evaluation of Biomass Fired or Co-Fired Power Plant with Post-Combustion CO ₂ Capture	CCS Site Selection and Characterisation Criteria
Evaluation of Novel Post-Combustion CO ₂ Capture Solvent Concepts	CO ₂ Storage in Depleted Oil Fields
	Development of Storage Coefficients for Carbon Dioxide Storage in Deep Saline Formations



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Thank You!

Happy to take any questions!



For more information on CCS attend:

GHGT-10

19th-23rd September 2010,
Amsterdam, The Netherlands

www.ghgt.info