



**Australian Government**  
**Department of Resources,  
Energy and Tourism**



# **CLEAN ENERGY MINISTERIAL CARBON CAPTURE USE AND STORAGE ACTION GROUP**

Debbie Stockwell - UK Department of Energy  
and Climate Change

# CCUS ACTION GROUP



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- Launched by UK Secretary of State for Energy and Climate Change, Chris Huhne, at Clean Energy Ministerial on 20 July 2010
- Brings together governments, businesses, NGOs and institutions



# WHY DO WE NEED AN ACTION GROUP?



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- Significant progress is being made on CCS, but there are gaps which means deploying the level of CCS needed globally to limit increase in emissions to 2 degrees is looking challenging
- Government must work closely with business to support development, demonstration and deployment and to enable bolder international action
- We need to urgently build a high level dialogue between government and business that has the flexibility to deliver action to meet this challenge



- Generate greater political momentum to meet the challenge for CCS deployment within a 2 degree framework as defined by the IEA's CCS Roadmap
- Engage Government who must set the policy framework and business who must invest in and build CCS plants
- Engage both developed and developing countries
- Develop recommendations for Ministers at the next CEM in April 2011 on overcoming the barriers to CCS deployment

# WHAT WILL THE CCUS ACTION GROUP DO?



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At the CEM in July 2010

- Launch of the '**Action Group**'
- Commitment to **develop a Global Strategic Implementation Plan** which will set out the recommendations to ministers
- A number of governments announced **new activities** that highlight progress in accelerating CCS development since the Major Economies Forum Technology Action Plan
- The Global CCS Institute committed to develop a **stocktake of progress** against the actions in the MEF TAP to inform the development of the Global Strategic Action Plan

# ACTION GROUP MEMBERS



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- Governments: Australia, Canada, China, France, Germany, Japan, Mexico, Norway, Republic of Korea, South Africa, United Arab Emirates, UK, USA
- Business: Aker Clean Carbon, Alstom, Carbon Capture and Storage Association, Sasol, Scottish Power, Shell, World Coal Institute
- NGO: Center for American Progress, World Resources Institute
- Institutes: International Energy Agency, Global CCS Institute
- Others welcome

# HOW DOES THE ACTION GROUP FIT IN?



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- Several organisations dealing with CCUS; IEA, GCCSI and CSLF
- Excellent work helping to analyse scenarios for CCS development, project development and the barriers to CCS deployment
- Lack of political opportunities in next year to drive CCS: G8 process has helped to drive this previously, but no certainty that future presidencies will address
- CEM Action Group allows for targeted work and recommendations to be developed that draws on existing work but provides a key political impetus - focus is on ambition, rather than consensus
- Don't want to duplicate the work of others
- Keen to ensure link to CSLF Ministerial in Autumn 2011

# GLOBAL STRATEGIC IMPLEMENTATION PLAN



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Will consider the following themes:

- Strategic direction
- Finance
- Storage assessment
- Regulation (storage, liability, incentive framework)
- Knowledge sharing

Particular Focus on

- What are the gaps in the existing efforts?
- What are possible funding sources / policy mechanisms?
- What are critical steps/actions for government and business?
- What work is already underway that can be accelerated?



# PROCESS



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- Have initiated small groups to look at themes
- Participation on a voluntary basis
- Work group activity is being informed Global CCS Institute stock take and existing studies e.g. IEA/CSLF report to G8
- Will utilise resources of existing bodies where possible – minimise resource requirements and costs on participants
- UK and Australia are arranging a number of meetings in the margins of existing international CCS meetings – first was at GHGT10 on 21 Sep, second in late November, third in February
- Financing CCS in developing countries workshop to be held shortly

# WORK PROGRAMME



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Work plans under themes currently being finalised.

Examples include:

- World Resources Institute examining options for financing CCS in developing countries
- Menus of financial and non-financial incentives for CCS to be developed – building on IEA recommendations
- Aus/US report on reuse of CO<sub>2</sub> and UK report on abatement potential of EOR to be completed shortly

**ANY QUESTIONS?**



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