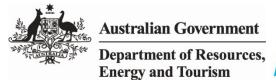




CLEAN ENERGY MINISTERIAL CARBON CAPTURE USE AND STORAGE ACTION GROUP

Debbie Stockwell - UK Department of Energy and Climate Change

CCUS ACTION GROUP

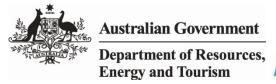




- Launched by UK Secretary of State for Energy and Climate Change, Chris Huhne, at Clean Energy Ministerial on 20 July 2010
- Brings together governments, businesses, NGOs and institutions



WHY DO WE NEED AN ACTION GROUP?





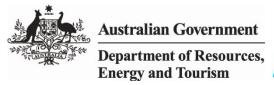
- Significant progress is being made on CCS, but there are gaps which means deploying the level of CCS needed globally to limit increase in emissions to 2 degrees is looking challenging
- Government must work closely with business to support development, demonstration and deployment and to enable bolder 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?





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

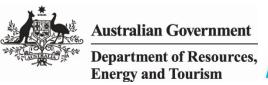
ACTION GROUP MEMBERS





- 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

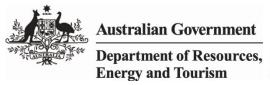
HOW DOES THE ACTION GROUP FIT IN?





- 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





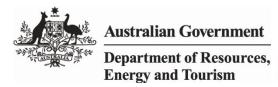
Will consider the following themes:

- 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?

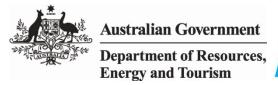
PROCESS





- 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





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 CO2 and UK report on abatement potential of EOR to be completed shortly

ANY QUESTIONS?





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