

CCSA Press Release

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Last chance to reach global agreement on CCS

Today an unprecedented coalition of NGOs, climate change campaigners, energy companies and business organisations agreed an ambitious international action plan to deploy carbon capture and storage (CCS) in the developed and developing world.

Their communiqué urges Energy Ministers to ensure CCS is a central part of the Global Climate Change Agreement to be negotiated at the December UNFCCC meeting in Copenhagen. It entreats governments to raise the level of ambition on CCS deployment – calling for 100 commercial-scale power plants fitted with CCS worldwide by 2020, and developing the financial mechanisms that will incentivise required investment of more than US\$130 billion to reach this scale of deployment.

Dr Jeff Chapman, Chief Executive of the Carbon Capture and Storage Association and Joint Chair of the Stakeholder Forum which drew together the communiqué noted:

“In less than 2 months world leaders will meet in Copenhagen to agree how to tackle the biggest challenge humanity has faced: climate change.

“Its brutally clear that against a backdrop of rising energy demand and continued fossil fuel dependence, we cannot avoid dangerous climate change without carbon capture and storage as part of the Copenhagen settlement.

“The UK Committee on Climate Change’s recommendation that up to 4 CCS plants are urgently needed by 2016 in the UK to help fulfil this ambition is welcome and we look forward to continued engagement with the UK Government to enable the UK to become a key global leader in this vital technology..

“CCS is not the only solution, but it has to be part of the solution. Without CCS, it is estimated the costs of tackling climate change will be 70% more expensive (equivalent to an additional \$1.28 trillion annually in 2050).”

“We cannot drop the ball on climate change – this is our last chance to reach global agreement. We urge Ministers to support our recommendations”

A full version of the stakeholder communiqué is attached. The 7 key recommendations are:

1. Accelerate the deployment of 20 global CCS demonstration projects approved by the G8 so that they commence operation at the earliest possible opportunity. Governments should aspire to have these plants operating from 2015;
2. Raise the level of ambition for CCS deployment beyond these first 20 projects approved by the G8 in 2008 and closer to the level actually needed to achieve international climate goals. The agreement of an ambitious climate deal and greenhouse gas reduction targets in Copenhagen in December implies the need to be operating up to 100 commercial-scale power plants fitted with CCS worldwide by 2020;
3. Fully integrate and commit to CCS into the post-2012 climate change agreement that will be negotiated at COP 15 in Copenhagen. The new climate agreement should promote the broad use of CCS technology in both developed and developing countries;
4. Develop the financing mechanisms and support frameworks capable of delivering this expanded deployment programme. Deploying CCS at this level could require global investments exceeding US\$130 billion between now and 2020;
5. Develop viable, stable and predictable regulatory and incentives frameworks that will be necessary to deliver CCS policy goals. These should include regulations that support the transboundary export of CO₂ for CCS and addressing the long-term responsibility for the stored CO₂;
6. Create conditions that will stimulate improvement in the cost and performance of CCS technology and facilitate the exploration, characterisation and development of large scale geological storage sites to enable CCS to become fully commercial; and
7. Build the public awareness and support that will be necessary for CCS to be deployed at the scale required and implement knowledge sharing programmes from the early CCS projects to accelerate the diffusion of the technology.

A video message from Lord Oxburgh outlining the importance of the communiqué and how it can be translated into a global agreement at Copenhagen can be found at [//www.ccsassociation.org.uk/](http://www.ccsassociation.org.uk/)

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Notes to Editors:

1. The Carbon Sequestration Leadership Forum (CSLF) is a Ministerial-level international climate change initiative that is focused on the development of improved cost-effective technologies for the separation and capture of carbon dioxide (CO₂) for its transport and long-term safe storage.
2. The Carbon Capture and Storage Association exists to represent the interests of its members in promoting the Business of Carbon Capture and Storage (CCS). The Association works to raise awareness, both in the UK and internationally, of the benefits of CCS as a viable climate change mitigation option, and the role of CCS in moving towards a low-carbon global economy.
3. The stakeholder communiqué will be presented to the Ministerial meeting by Dr Jeff Chapman, of the CCSA and David Hawkins of Natural Resources Defense Council who are jointly chairing the CSLF Stakeholders Group.
4. The Committee on Climate Change has published its first annual report to Parliament, *Meeting Carbon Budgets – The need for a step change*. At the same time in the UK, the Committee on Climate Change has today published its first report on the UK's carbon budgets "Meeting Carbon Budgets – The need for a step change", which include recommendations that action on CCS should be accelerated to ensure that up to four CCS projects are in operation by 2016. <http://www.theccc.org.uk/news/press-releases/477-uk-needs-to-achieve-a-step-change-in-its-pace-of-emissions-reduction-to-meet-carbon-budgets-12-october-2009>
5. CCS can remove approximately 90% of the carbon dioxide emissions associated with conventional fossil fuel power generation, such as coal or gas fired.
6. CCS therefore makes a significant contribution towards meeting the UK Government's aspirational target of an 80% reduction in carbon dioxide emissions by 2050.
7. The UK has at least 10 proposals for power projects incorporating CCS in the public domain, ranging from technologies using pre combustion as well as post combustion capture as well advanced oxyfuel combustion.

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