CCSA Press Release

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CCSA launches New UK CCS Strategy

The Carbon Capture and Storage Association (CCSA) today launches: "**A Strategy for CCS in the UK and Beyond",** a comprehensive, ambitious plan to save 100Mt of CO_2 per year and sequester 500Mt per year by 2030 in the UK.

The strategy outlines the potential of CCS to provide secure, cost-competitive, low carbon electricity as part of the portfolio of low-carbon technologies that will be needed to meet UK climate change targets.

The strategy describes the policy and regulatory framework required by industry for a smooth and strong uptake of CCS, which could create a market worth £10bn/year to UK plc by 2025, with more than 50,000 quality jobs by 2030.

Key highlights and recommendations of the report include:

- A clear framework for a maintaining the momentum of the CCS Demonstration Programme and enabling a 'Progressive Roll-Out', with a steadily increasing build rate from 1GW in 2018 to 3GW per year in 2030 and beyond;
- Up to 30GW of power station capacity equipped with CCS by 2030;
- The need to urgently launch CCS demonstration in the industrial sector – emphasising the role of CCS in decarbonising, and avoiding the risk of rendering uncompetitive, many UK energy intensive industries key to our economic growth;
- Proposals for the early planning, development and deployment of CCS infrastructure, optimized for the long-term CCS industry, which could create dramatic cost and operational efficiencies going forward;
- Thorough, insightful analysis of further important factors to facilitate roll out, including: regulatory barriers, R&D, and political and public perception.

Industry looks forward to welcoming the Government's own CCS Roadmap, due for publication on 17 November 2011.

Jeff Chapman,

Chief Executive of the CCSA commented:

"CCS is a vital low-carbon technology for the UK and is recognised by the Government as one of the three key technologies (alongside nuclear and renewables) to reach a near-decarbonisation of the electricity sector by 2030 – which will be imperative if we are to meet our longer-term climate change targets. The UK is currently proposing a reform of the electricity market and estimates that we will need 70GW of generation to meet 2030 electricity demand. It is therefore imperative that we move towards 20-30 GW of CCS by 2030, if we are to reach these goals.

We are very positive about the future of CCS in the UK. It is an important time for the industry, as investors await the certainty they need to deliver this step-change in our energy future. We are confident that Government appreciates how crucial it is that the right decisions are made (and made on time) regarding the structure and pace of the deployment programme, funding mechanisms ,and transport and storage infrastructure, – to enable the long-term CCS industry to take shape.

In addition to the benefits of providing low-carbon electricity, CCS has huge related potential for investment, jobs, and growth. CCS is fundamental to the decarbonisation of many core energy-intensive industries, currently struggling to remain competitive in the UK against the rising costs of energy and CO_2 reduction.

To lock in these benefits, and meet our emissions targets, we need 20-30GW of power plant with CCS in operation by 2030. This is the industry's plan to make that happen".

ENDS

Notes to Editors:

1. A Strategy for CCS in the UK and Beyond was a collaborative effort by members of the CCSA, which can be downloaded from the CCSA website at www.ccsassociation.org.uk from Thursday at 1430h. Copies required before then, please contact Chanel Sharp, Edelman +44 20 3047 2423

2. The CCSA Strategy will be launched at the first AGM of the All Party-Parliamentary Group (APPG) on Clean Coal, which will henceforth be known as the APPG on CCS

3. Carbon Capture and Storage (CCS) is a technology that can capture up to 90% of the carbon dioxide (CO2) emissions produced from the use of fossil fuels in electricity generation and industrial processes, preventing the CO2 from entering the atmosphere. The use of CCS with renewable biomass is one of the few carbon abatement technolo-gies that can be used in a 'carbon-negative' mode -– actually taking carbon dioxide out of the atmosphere.

4. 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.

5. The Coalition Government has committed to four CCS plants in the UK through an industry competition, the funding of the first plant committed through general taxation. There are currently seven CCS proposals in the UK, attesting to businesses readiness to work with the government to deliver CCS.

6. The timely development of the four CCS demonstration projects will enable the UK to take the lead in the global race to deliver this vital technology. CCS technology presents a huge opportunity for UK technological leadership, bringing prosperity, growth and jobs in the low carbon economy.

7. CCS can remove 90% or more of the carbon dioxide emissions associated with conventional fossil fuel power generation, such as coal or gas fired.

8. CCS will therefore make a significant contribution towards meeting the UK Government's target of an 80% reduction in carbon dioxide emissions by 2050.

For further information contact:

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