

CCSA press release

15 December 2011 FOR IMMEDIATE RELEASE

EU Energy Roadmap Recognises Important Role for CCS

LONDON, December 15th 2011—The Carbon Capture and Storage Association (CCSA) has issued a statement in response to the release today of the European Commission's Energy Roadmap 2050, urging Europe to act now to start deploying Carbon Capture & Storage (CCS) technology.

The European Commission's roadmap to slash carbon dioxide emissions by 80% - 95% by 2050 recognises CCS as a key contributor to the European energy system, supplying as much as 25 – 30% of Europe's total electricity demand. The roadmap sets out the need for coal and gas fired plants to be fitted with CCS to provide a cost-effective, reliable and flexible source of power generation. Fossil-fuel plants fitted with CCS are needed to complement intermittent renewable energy sources and - where used by Member States - inflexible nuclear plant.

Dr Jeff Chapman, Chief Executive, the CCSA, said:

“The EU Energy Roadmap shows that it's no longer a question of 'if' CCS will be needed as a key part of Europe's energy mix, and demonstrates that CCS is vital to reducing the CO2 emissions of the power sector as well as energy intensive and process industries. CCS is operating today, and with the appropriate political will it can be fully commercialised in the power sector in the early 2020s. Prompt action on CCS in this decade will ensure the EU has a valuable first mover advantage to take the global lead on this important technology. The EU now needs to urgently put its flagship CCS programme back on track, with an agreed incentive regime, to build the first CCS projects across Europe.”

“If the EU is serious about achieving its carbon reduction target by 2050, then CCS is an essential component that will make a major reduction in the overall cost of reaching the EU's emission reduction targets. As well as mitigating their own emissions, those countries that commercialise CCS also open up a valuable export market for themselves. In these austere times the EU should seize the opportunity to reduce decarbonisation costs through early investment in CCS.”

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Notes to Editors:

1. The EU Commission's Energy Roadmap 2050 was published on the 15th December 2011 and can be found on the following website:
http://ec.europa.eu/energy/energy2020/roadmap/index_en.htm
1. The [Global Carbon Capture and Storage Institute](#) (GCCSI) recently identified eight large scale CCS projects operating today globally with a further six under construction.
2. CCS can remove approximately 90% of the carbon dioxide emissions associated with conventional fossil fuel power generation, such as coal or gas fired. CCS therefore makes a

significant contribution towards meeting the UK Government's target of an 80% reduction in carbon dioxide emissions by 2050.

- 3.** 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.

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