

CCSA PRESS RELEASE
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For Immediate Release



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More carbon capture and storage (CCS) demonstration projects needed, says CCSA

The Government should create a clear incentives framework to aid the development of carbon capture and storage (CCS) technology, the Carbon Capture and Storage Association (CCSA) has said.

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

“We welcome the Government’s consultation and the progress that is being made on the regulation of carbon capture and storage (CCS) technology, which has the potential to significantly and cost effectively contain climate change internationally.

“CCS technology will only develop within a robust regulatory framework and with clear investment incentives. We welcome the announcement of this regulatory consultation which will lead to a clearer investment environment and welcome the announcement of a short list in the competition for the UK’s first commercial scale CCS project.”

“The Government must now work to ensure there is a tranche of CCS demonstration plants in operation by 2013-2015, which means sanctioning investment in these plants within the next year.

“We look forward to working with the Government to ensure the UK claims a place as a world leader in developing CCS technology on an industrial scale, ensuring low carbon power generation within the next decade.”



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Storage Association

ENDS

Notes to Editors:

1. The Department for Business, Enterprise and Regulatory Reform (BERR) has published a consultation paper on the development of CCS technology. The Government has also announced a short list for a competition to build the UK's first commercial scale CCS project
<http://www.berr.gov.uk/energy/sources/sustainable/carbon-abatement-tech/ccs-demo/page40961.html>.
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. Carbon Capture and Storage (CCS) is a process by which Carbon dioxide (CO₂) is separated from industrial and energy-related sources, either pre- or post-combustion, then transported via pipelines to either an onshore or offshore underground storage site. These storage sites can be of three types; gas reservoirs, oil reservoirs and deep saline aquifers. CCS can also be used for Enhanced Oil Recovery (EOR), a process in which CO₂ is injected into near-depleted oil reservoirs, thereby facilitating the recovery of large quantities of additional oil. It is cost-effective and it retains the essential flexibility of fossil fuel power generation.
4. CCS can remove 85-90% of the carbon 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 aspirational target of a 60% reduction in Carbon dioxide emissions by 2050.
5. 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. The total power generating capacity is 12,500 MW and the annual amount of CO₂ stored is approximately 60 million tonnes.
6. The CCSA has produced a position paper on providing incentives for the development of CCS technology. The paper is attached.

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