



*Carbon Capture &  
Storage Association*

## **CCSA Press Release: FOR IMMEDIATE PUBLICATION**

### **Energy Technologies Institute endorses carbon capture and storage roll out without delay**

The Carbon Capture and Storage Association (CCSA) welcomes the findings of the latest report from the Energy Technologies Institute (ETI). The report finds that the UK has the capacity to build a cost competitive carbon capture and storage (CCS) sector capable of dramatically reducing the costs of meeting UK carbon targets.

The report, “Building the UK Carbon Capture and Storage Sector by 2030 – Scenarios and Actions” identifies practical steps needed over the period to 2030 to build an effective CCS sector. Key conclusions from the report include:

- 10 GW of CCS can be affordably deployed in the UK by 2030, through a series of co-ordinated CCS clusters.
- Any delay to rolling out CCS in the UK increases costs through the need to deploy more expensive technologies to cut emissions.
- Failing to deploy CCS at all could double the annual cost of carbon abatement by 2050.
- 10 GW of CCS deployment could capture and store around 50 million tonnes of CO<sub>2</sub> emissions a year from power and industry by 2030.

Today’s report is welcome confirmation of the critical role which CCS could play in the UK’s energy system. It is widely accepted that CCS is the single most important technology available in meeting the challenge of reducing CO<sub>2</sub> emissions from power and industrial sources. The Intergovernmental Panel on Climate Change has found that without CCS the total cost of limiting CO<sub>2</sub> emissions could increase by 138%.

With the costs of emitting CO<sub>2</sub> set to increase, CCS will not only help provide a long-term future for British energy intensive industries but also provide a competitive edge over international rivals that do not have access to the technology. CCS is a national industrial asset, which will place the UK at the forefront of the global drive to decouple growth from emissions. Given the significant cost reductions as CCS is rolled out, today’s report is further confirmation of the distinct competitive advantage which CCS could provide the UK.

**Luke Warren, Chief Executive of CCSA** comments:

“This is a crucial year for CCS: The current Competition to develop the UK's first CCS projects – the White Rose project at the Drax site in Yorkshire and the Peterhead Gas CCS project in Scotland – is progressing with detailed engineering work, and final investment decisions are expected around the end of this year.

But if the UK is to benefit from commercial CCS then, as today’s report finds, it is essential that the next Government successfully concludes the current Competition and delivers both projects. These projects will form the foundations upon which the UK builds a successful CCS industry.

The report also highlights the importance of avoiding delay in the development of CCS; which would otherwise expose the UK to substantial costs and deployment risks in meeting carbon budgets.

The UK is world-leading in developing an enduring policy framework to support CCS alongside renewables and nuclear under the Electricity Market Reform programme. What is now needed is for the Government to use policy to actually deliver a steady roll-out of CCS projects, which will enable CCS to become cost-competitive with other low-carbon technologies. Around the world many of our competitor economies are advancing this technology; we must not be left behind”

## **ENDS**

### **Notes to Editors:**

1. The full ETI report “Building the UK Carbon Capture and Storage Sector by 2030 – Scenarios and Actions” can be found [here](#).
2. The Government launched the CCS Commercialisation Programme (CCS Competition) and the CCS Roadmap on the 3rd April 2012. More information on the Government’s CCS Commercialisation Programme can be found [here](#).
3. The ETI is a public-private partnership between global energy and engineering companies and the UK Government. ETI’s role is to act as a conduit between academia, industry and the government to accelerate the development of low carbon technologies. ETI brings together engineering projects that develop affordable, secure and sustainable technologies to help the UK address its long term emissions reductions targets as well as delivering nearer term benefits. Further information can be found [here](#).
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. Further information can be found [here](#).

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