



Carbon Capture & Storage Association

Issue No. 11
Week 3 March 2009

CCSA Weekly Newsletter

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Our website

For more information about the Carbon Capture & Storage Association, our members, news highlights, events, links and much more please visit our website.

www.ccsassociation.org

UK News

Projects

IChemE urges government to alter UK CCS competition

26 March 09 - Andrew Furlong, director of policy at the Institute of Chemical Engineers, has written to Ed Miliband warning that the Government's CCS competition is flawed. In the letter he states that the competition should be open to all technologies (not just post-combustion capture) and that the winner should be the entry "which first completes 24 hours continuous delivery of CO₂ captured from the generation of at least 300MW of electricity to an approved storage site." He also calls for the Government to award funding to the first two demonstration projects that meet this criteria. View the [full story](#).

European News

Projects

Questions over EU CCS project shortlist

25 March 09 - Questions have been raised over how the European Commission drew up its shortlist of CCS projects that could benefit from funding under the EU Economic Recovery Package. "It's a pity that there are some projects that have been eliminated from this funding," Jeff Chapman (Chief Executive of the CCSA) said. View the [full story](#).

Announcements

EU leaders approve €1.05 billion of funding for CCS

20 March 09 - EU leaders have approved €1.05 billion of funding for CCS projects. The money comes from a €5 billion budget surplus. Germany, the UK, Poland, the Netherlands and Spain will all receive €180 million each, Italy will receive €100 million and France will receive €50 million. The French project will capture and store CO₂ from a steel plant. View the [full story](#), the [text of the funding proposal](#) from the European Presidency and the [CCSA press release](#).

Siemens develops CO₂ capture for combined cycle plants

23 March 09 - Siemens is to adapt its CO₂ capture process for use in combined-cycle power plants for Statkraft (the Norwegian utility). View the [full story](#).

EC and Japan to increase collaboration on CCS research

23 March 09 - The European Commission and Japan are to increase their collaboration on research into photovoltaics, power storage and CCS. Topics for collaboration on CCS are:

- safety of transport and storage of CO₂
- public perception
- standardisation and harmonisation

View the [full story](#).

International News

Projects

Hydrogen Energy moves forward with CCS projects

23 March 09 - Lewis Gillies, Chief Executive Officer of Hydrogen Energy has said that the company's CCS projects in Abu Dhabi and California are on schedule despite the financial crisis. A utility was recently approved to provide \$30 million for the 400 MW project in California and Hydrogen Energy is hoping to secure a further \$100 million of funding through the US economic recovery package. View the [full story](#).

Announcements

US DOE announces \$1.2 billion for science

23 March 09 - As part of the American Recovery and Reinvestment Act, the US Department of Energy has announced \$1.2 billion in funding for science. This includes \$277 million for Energy Frontier Research Centres, which will conduct research in several different areas including geological storage of CO₂. View the [full story](#).

US to join GCCSI

24 March 09 - During a visit by the Australian Prime Minister, Kevin Rudd, President Obama has indicated that the US will join the Global Carbon Capture and Storage Institute. View the [full story](#).

Policy

New bill to create \$1bn annual fund for CCS

24 March 09 - US Representative Rick Boucher has introduced a new bipartisan bill that would establish a \$1 billion annual fund for CCS, derived from fees on the generation of electricity from fossil fuels. The money would be used to fund large-scale demonstration projects. Boucher introduced a similar bill last year, but this was not passed. View the [full story](#).

Missouri considers damages cap for CO₂ storage

24 March 09 - Lawmakers in Missouri are considering legislation that would cap damages relating to CO₂ storage at \$300,000 per claim, with total damages up to \$2 million. View the [full story](#).

Texas considers moratorium on coal without CCS

26 March 09 - A bill has been introduced in Texas that would impose a moratorium on coal-fired power plants without CCS. View the [full story](#).

CCSA News

Call for increased government support for CCS

17 March 09 - In a speech at the Adam Smith Institute, Paul Golby (Chief Executive of E.ON UK) called for more government support for CCS. He added that E.ON will guarantee to build Kingsnorth with CCS if the Government will pay for it. The CCSA posted a response to the call on the E.ON UK blog, in which Jeff Chapman (Chief Executive of the CCSA) says "The time for talk is over. We urgently need a strong commitment from Government on funding for CCS otherwise we risk losing out in the race against climate change." View the [blog](#).

Jeff Chapman addresses investment community

19 March 2009 - Jeff Chapman, Chief Executive of the CCSA, recently gave a presentation to over 160 members of the investment community, courtesy of UBS. A summary is available on their [website](#).

CCSA Press Release

20 March 2009

EU Budget Surplus must be spent wisely

The Carbon Capture and Storage Association (CCSA) has welcomed a commitment from the European Commission to ring fence €1.05 bn of its €5 bn budget surplus to fund the EU wide development of carbon capture and storage (CCS) technology. The measures are part of a wider economic stimulus package for the EU.

Previous political disagreement over how the surplus should be allocated has now been resolved, with the UK securing €180 million of the €1.05 bn to develop CCS.

Urging the Government to use the money appropriately Dr Jeff Chapman, Chief Executive of the CCSA commented:

"This package is new money to develop CCS in the UK and should be spent accordingly. We lose the opportunity new funding affords if the Government spends the €180 million on projects to which it has already committed."

"The €180 million is great news but we also need additional funding from Government if we are to develop more than 1 demonstration plant in the UK."

Upcoming events

CO₂ Capture, Sequestration & Utilisation



5-6 March 2009, Beijing, China

Highlights: "Integrating Energy Production with Carbon Management Strategy"

- Integrating CTL with CCS
- Current international cooperation/partnership on CCS
- Environmental, regulatory framework and incentives, socio-economic challenges
- Current CO₂ capture technologies
- CO₂ geological storage & criteria for site mapping
- Other applications of CO₂
- Carbon markets and linkage with CCS

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CDMC 5th Clean Energy Forum - Coal Gasification 2009



1-3 April 2009, Tianjin, China

CCSA MEMBERS SAVE \$200

Quote 'CCSA'

CDMC 5th Clean Energy Forum-Coal Gasification 2009 aims to trigger global efforts in facilitating clean coal reliability, commercial viability and economics and engender customer confidence. The world industry pioneers and practitioners will bring you the latest developments and performances of coal gasification, UCG, IGCC and CCS. Also you will reach the first hand information of clean coal related business opportunities all over the world, particularly in China, India, Indonesia, South Korea and Central Asia etc.

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The Carbon Reduction Commitment: The Implications for Business

30 April 2009, London, UK

MEMBERS OF THE CCSA SAVE 10%

Quote 'CCSA10'

The Environmental Industries Commission, in association with the Department of Energy and Climate Change and the Environment Agency, presents the essential event for understanding the implications the Carbon Reduction Commitment on your business.

Keynote Speaker: Joan Ruddock MP, Minister for the Carbon Reduction Commitment

For more information:

Visit: www.eic-uk.co.uk/crc2009.cfm

Or contact Rob Hill at EIC:

Tel: 0207 935 1683

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ACI's Carbon Capture and Storage Conference



13th & 14th of May 2009, Berlin, Germany

ACI's Carbon Capture and Storage Conference will address the key challenges and issues facing the commercialisation of carbon capture and storage technology. Presentations will be delivered by industry experts and leading case studies. The main aim of this event is to showcase the most advanced technologies and the latest funding options to really drive CCS forward. The event will be held in Berlin which will include a site visit to Vattenfall's Swarze Pumpe site.

Currently Confirmed Speakers Include:

- Tom Kerr, International Energy Association
- Dr Michael Stephenson, British Geological Survey
- Giles Dickson, ALSTOM
- Brendan Beck, IEA Greenhouse Gas R&D Programme
- Dr Stephen Brown, Yorkshire Forward

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www.acius.net/wiki.aspx/Conferences/Upcoming?view=overview&id=121

Petroleum Economist Forum on Carbon Capture & Storage



9-10 June 2009, London, UK (Note the change of date)

AS A MEMBER OF CCSA YOU CAN SAVE £245.

Join the Petroleum Economist Forum on Carbon Capture & Storage and explore the complex challenges behind the realities of implementing CCS technologies:

- Is CCS the key to large scale de-carbonisation?
- What policies are needed to drive progress?
- Testing, testing, testing - justifying the demonstration projects
- Developing commercial opportunities for CCS
- The PR challenge - How can CCS win over public opinion?

For more information:

Visit: www.petroleum-economist.com/ccs

Call: +44 (0) 20 7779 8840

Email: events@petroleum-economist.com

Third Annual New Build Europe 2009 conference



Modern Power Systems invites you to join us for our **Third Annual New Build Europe 2009 conference**, where we will explore the role of new fossil generation in the fuel mix, providing an update on key projects under construction and planned, and the issues surrounding them.

Other themes to be addressed at the 2009 conference will be the new "dash for gas" and advanced combined cycle technologies, clean coal and carbon capture readiness, repowering schemes, and new build fossil generation projects and prospects in central and eastern Europe

Our site visit will take us to the world's largest gas turbine, at Irsching, organised by E.ON in association with Siemens, where we will learn about their experiences building this path-breaking facility and plans for construction of the world's most efficient combined cycle plant at the site.

For more information please email Adrian Gray at adriangray@vibeevents.com or visit www.modernpowersystems.com/newbuild2009

Smi 2nd annual conference - Gasification



17-18 June, London, UK

For more information:

Call: +44 (0) 20 7827 6156

Visit: www.smi-online.co.uk/09gasification6.asp

IQPC Carbon Capture Storage and Transport Summit

Carbon Capture, Storage and Transport Summit 2009

June 17 - 18, 2009

www.iqpc.com/uk/ccs

17-18 June 2009, Le Meridien, Picadilly, London UK

For more information visit: www.iqpc.com/uk/ccs

Introduction to the Geological Storage of Carbon Dioxide (CO2)

A one day course from Senergy Training.

Learn about the principles, practice and security of CO2 storage in the UK context from Senergy's experts.

An acclaimed course in 2008 with 100% of participants rating the course good or excellent.

Dates for 2009 are:

- Thursday 1st October (nr Aberdeen)
- Thursday 8th October (Central London).

Fee: £600 plus VAT

The course is designed for environmental and energy industry executives, managers, financiers, technical staff, government advisors, civil servants, politicians, journalists and any who wish to know more about the subject of carbon storage and its relevance to the UK and EU in achieving CO2 emissions reduction targets. There is no assumption of previous knowledge in any technical discipline.

"Thought provoking - which any good course should be" 2008 course participant.

For details of course content and tutors down load brochure [here](#).

Book online at www.senergyltd.com/training

Enquiries to training@senergyltd.com or phone Sarah McPhee on +44 (0) 1315231000

Locally tailored courses also being presented in Australia (Perth) in March and Canada (Calgary and Edmonton) in May.

Contact Us

The Carbon Capture & Storage Association (CCSA) exists to represent the interests of its members in the business of capture and geological storage of carbon dioxide (known as Carbon Capture and Storage, or CCS) as a means of abating atmospheric emissions of carbon dioxide and potentially, as a means of enhancing the production of fossil hydrocarbons. From its base in London the CCSA brings together specialist companies in manufacturing & processing, power generation, engineering & contracting, oil, gas & minerals as well as a wide range of support services to the energy sector such as law, banking, consultancy and project management.

The Carbon Capture and Storage Association

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