



Carbon Capture & Storage Association

Issue No. 08
Week 1 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.0Hccsassociation.org

UK News

- Delays for new coal-fired power stations
- Government looks for EU money to fund CCS competition project
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European News

- WWF calls for dramatic increase in CCS R&D funding
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- US and Canada coordinate on \$7bn of CCS projects
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Reports

- \$500bn of investment in clean energy technology needed annually

UK News

Policy

Delays for new coal-fired power stations

2 March 09 - Decisions on all new coal-fired power stations have been delayed until the autumn due to the review of coal policy ordered by Ed Miliband. In response, the Shadow Secretary of State for Energy and Climate Change Greg Clark said: "Instead of yet another review the Government should adopt the Conservative policy of ensuring that carbon capture and storage is fitted to all new coal-fired power stations. Only decisive action like this can guarantee our energy security and fulfil our climate change commitments. Labour's delay will put both of these objectives in peril." View the [full story](#).

Projects

Government looks for EU money to fund CCS competition project

26 February 09 - The Department for Energy and Climate Change (DECC) has confirmed that the government hopes to secure EU funding for the competition project and at least one other project. A statement from DECC said that "We hope that at least two UK projects will qualify for EU support, potentially including the winner of our competition." View the [full story](#).

RWE npower to treble size of CCS pilot project

26 February 09 - RWE npower has announced plans to treble the size of their carbon capture pilot plant at Aberthaw to 3 MW. Construction of the £8.4 million project is due to begin this year. The project is planned to be fully operational by 2010. View the [press release](#).

Announcements

Centrica chief executive is pessimistic about CCS

26 February 09 - The chief executive of Centrica, Sam Laidlaw, has said that coal-fired plants with CCS are unlikely to be ready to make big cuts in UK emissions before 2030. It would take "at least 15 years and probably closer to 20 years" before CCS could be deployed on a large scale, he said. He also said that the geology of the UK is not suited to CCS and described the technology as expensive and unproven. View the [full story](#).

European News

Policy

WWF calls for dramatic increase in CCS R&D funding

27 February 09 - As part of a new roadmap to a successful global agreement in Copenhagen, WWF has called for EU financing of technology research and development to be increased by a factor of 10 by 2020, particularly in the areas of CCS, renewable energy and energy efficiency. View the [full story](#).

Projects

New seismic data from StatoilHydro's Sleipner project

5 March 09 - New seismic data from StatoilHydro's Sleipner CCS project shows that CO₂ is not leaking and is spreading through the Utsira formation as expected. View the [press release](#).

City of Barendrecht rejects CO₂ storage plans

5 March 2009 - The City of Barendrecht in the Netherlands has rejected plans by Shell to store CO₂ in depleted gas fields. Residents were concerned about leakage and that the project would reduce the value of their properties. View the [full story](#).

Announcements

Bellona launches CCS website

5 March 09 - The Bellona Foundation has launched a new website, which aims to provide the public with information about CCS. View [Bellona CCS Web](#).

CCS on YouTube

5 March 09 - The European Commission has produced a video about CCS, which can be found on You Tube under "CO₂ capture and storage CCS".

International News

Projects

MRCSP begins injecting 50,000 tonnes of CO₂

27 February 09 - The US Department of Energy's Midwest Regional Carbon Sequestration Partnership (MRCSP) has begun injecting 50,000 tonnes of CO₂ into a deep saline formation in the Michigan Basin. The test builds on an initial injection project in which 10,000 tonnes was injected. View the [full story](#).

US and Canada coordinate on \$7bn of CCS projects

3 March 09 - Following the recent commitment to a clean energy dialogue, the Canadian Environment Minister, Jim Prentice, has said that Canada and the United States will coordinate and avoid duplication on \$7 billion of CCS projects. According to an Alberta government environment spokesman, a panel will choose 3 to 5 projects in June from a list of 20 submissions for coal and oil sands operations. View the [full story](#).

Moomba storage project suspended

4 March 09 - Santos has suspended its Moomba CO₂ storage project, citing low carbon prices and a lack of strong support from the Australian government as the reasons behind the decision. The project to inject CO₂ into the Cooper Basin was expected to cost over \$700 million. View the [full story](#).

Announcements

White House 2010 budget

27 February 09 - The White House has unveiled a \$3.55 trillion budget for 2010, which requests \$26.3 billion for the Department of Energy to fund renewable energy, smart grid and CCS projects as priorities. View the [full story](#).

Guidelines for CCS deployment in China

2 March 09 - Tsinghua University and WRI have announced a new partnership to draft Guidelines for Safe and Effective CCS in China, which will begin to address how to ensure that CCS deployment in China will meet environmental standards. View the [full story](#).

US DoE to announce CCS funding opportunities

4 March 09 - The US Department of Energy's National Energy Technology Laboratory (NETL) has said that in response to the American Recovery and Reinvestment Act 2009 it intends to issue Funding Opportunity Announcements in the following areas:

- Geological Sequestration Training and Research
- Carbon Capture and Sequestration from Industrial Sources
- Site Characterization of Promising Geological Formations for CO₂ Storage
- Amendment to Re-Open the FOA "Clean Coal Power Initiative - Round 3"

View the [press release](#).

Policy

Governor of Wyoming signs last of three CCS bills

28 February 09 - The Governor of Wyoming has signed the last of three CCS bills into law. House Bill 80 addresses financial compensation for land owners and stipulates that CO₂ injection make take place providing that agreement has been made with at least 80% of the owners of land above the pore space. House Bill 58 assigns liability for the storage site to the operator (in most cases) and House Bill 57 states that mineral rights supersede the right to store CO₂. View the [full story](#).

Reports

\$500bn of investment in clean energy technology needed annually

4 March 09 - In its report *Global Futures Summit 2009*, New Energy Finance claims that investment in renewables, energy efficiency and CCS needs to reach \$500 billion per year by 2020 if global CO₂ emissions from the energy sector are to peak before 2020. The report estimates that investment in these three areas increased from \$34 billion in 2004 to \$150 billion in both 2007 and 2008. View the [full story](#).

Upcoming events

Towards a UK CCS roadmap - Regulatory and financing experience in the USA

Friday, 20 March, 9.00am - 4.30pm
Institute of Directors, 116 Pall Mall

Efforts to accelerate the deployment of CCS in the UK are at a critical juncture, with an urgent need for clarity over the forward policy landscape. This timely conference will consider how the pursuit of a clear UK CCS roadmap can draw from the varied approaches to regulation and financing in place in the USA.

Green Alliance and the **CCSA** are delighted to welcome a delegation of experienced energy regulators and corporate leaders from the USA. They will share perspectives on state-level climate regulation, its impact on CCS deployment, and the influence it will have on forthcoming federal US climate legislation.

The conference will also include discussion of the recent consensus proposals made by the USCAP coalition of NGOs and corporations. UK stakeholders will then consider how available options could be assembled into a coherent UK CCS roadmap.

Chair: Stephen Hale (Director, Green Alliance)

Speakers:

- Richard Cowart (Director, Regulatory Assistance Project)
- Nancy Ryan (Chief of Staff, California Public Utilities Commission)
- Meg Gottstein (Principal, Regulatory Assistance Project formerly Administrative Law Judge, California Public Utilities Commission)
- Michael Peevey (President, California Public Utilities Commission)
- Gene Rodrigues (Director of Energy Efficiency, Southern California Edison Inc)
- Lewis Gillies (Chief Executive, Hydrogen Energy International Limited)
- David Hawkins (Director, Climate Programs, Natural Resources Defense Council)
- Steve Corneli (Vice President, Regulatory and Government Affairs, NRG Energy Inc)
- Mike Farley (Director of Technology Policy Liaison, Doosan Babcock)
- Sam Lumb (Climate Change Policy Manager, Environment Agency)
- Keith Allott (Head of Climate Change, WWF-UK)
- Jeff Chapman (Chief Executive, CCSA)

For more information please contact [Stephanie Squire](#).

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
Email: rob.hill@eic-uk.co.uk

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

For more information please contact Justyna Korfanty:

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Website:

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

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 19th March (Central London),
- Thursday 26th March (nr Aberdeen),
- 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 download 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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