



**Carbon Capture &
Storage Association**

Issue No. 04
Week 1 February 2009

CCSA Weekly Newsletter

Page 1	Page 2	Page 3	Page 4	Page 5	Page 6
Headlines	UK News European News International News	International News Reports	Upcoming Events	Upcoming Events	Contact Us

Headlines

UK approves three new gas-fired power stations

Brown proposes new task force

EP adopts blueprint for energy strategy in the EU

Norway to invest \$745m in Mongstad

Saskatchewan and Montana propose joint CCS project

Senate bill proposes greater CCS funding

\$515 billion of investment in clean energy needed annually

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

UK approves three new gas-fired power stations

NZEC included in key outcomes from UK-China Summit

Brown proposes new task force

Call for new coal-fired power station in Scotland to be put on hold

European News

EP adopts blueprint for energy strategy in the EU

International News

Norway to invest \$745m in Mongstad

Saskatchewan and Montana propose joint CCS project

Group proposes CO₂ capture and conversion program

Senate bill proposes greater CCS funding

CCS legislation attacked as too ambitious

IGCC with CCS not a policy option for meeting renewables target

Utah considers CCS legislation

Reports

\$515 billion of investment in clean energy needed annually

UK News

Projects

UK approves three new gas-fired power stations

5 February 09 - Energy and Climate Change Minister Mike O'Brien has today given consent to three new gas fired power stations under section 36 of the Electricity Act 1989: RWE npower's at Pembroke, Powerfuel's at Hatfield and Centrica's at King's Lynn. Each power station has agreed that they will have the necessary space available for retrofitting with CCS. Consent was also granted to Powerfuel to build a second phase at Hatfield, which would consist of an IGCC plant with CCS. This consent is conditional on the company providing evidence to Ministers on the safety of CO₂ storage. View the DECC [press release](#).

Announcements

NZEC included in key outcomes from UK-China Summit

2 February 09 - Included in the key outcomes of the recent UK-China Summit 2009 is an agreement on the need for open channels for low carbon technology transfer and the implementation of the China-EU Near Zero Emissions Coal Initiative to demonstrate CCS. It is hoped that this will be achieved by 2015. View the [full story](#).

Policy

Brown proposes new task force

30 January 09 - Speaking at the World Economic Forum in Davos, Prime Minister Gordon Brown has proposed a new task to support an ambitious agreement on climate change in Copenhagen later this year. The task force would help to design an effective agreement, which (among other things) would drive investment in renewables, nuclear power and CCS. View the [transcript of the speech](#).

Call for new coal-fired power stations to be put on hold in Scotland

1 February 09 - Dr James Hansen, a climate change scientist from NASA has written to First Minister Alex Salmond, calling for a moratorium on new coal-fired power stations in Scotland until they can be built with CCS. In the letter he describes capture-readiness as "a sham". View the [full story](#).

European News

Policy

EP adopts blueprint for energy strategy in the EU

3 February 09 - The European Parliament has adopted a report on the Second Strategic Energy Review. It will be included in a European Council debate on the EU's future energy strategy in March. In relation to CCS the report notes, for example, the crucial importance of developing and deploying CCS in China. It also calls on the Commission "to consider all financial possibilities to build the 12 demonstration projects by 2015". View the [press release](#) and the [adopted text](#).

International News

Projects

Norway to invest \$754m in Mongstad

30 January 09 - A bill to invest \$745 million (5.2 billion kroner) in a CCS test centre at Mongstad has been presented to the Norwegian parliament. The final decision to invest is expected at the end of the first quarter. It is anticipated that the centre will be finished by 2011 and it will capture 100,000 tonnes of CO₂ annually. View the [full story](#).

Saskatchewan and Montana propose joint CCS project

30 January 09 - Premier Brad Wall of Saskatchewan has been meeting with Governor Brian Schweitzer of Montana to discuss a proposed joint CCS project that would see CO₂ captured SaskPower's coal-fired power station at Coronach (in Saskatchewan) and stored in Montana. Under the proposal Saskatchewan and Montana would each invest \$60 million and a further \$50 million would come from the private sector. View the [full story](#).

Group proposes CO₂ capture and conversion program

3 February 09 - The Catalyst Group Resources is proposing to form a consortium known as the Carbon Dioxide Capture and Conversion (CO₂CC) Program. The aim would be to document technically and commercially viable options for converting CO₂ into useful products. View the [full story](#).

Policy

Senate bill proposes greater CCS funding

29 January 09 - The Senate's version of the American Recovery and Reinvestment Act would provide more funding for CCS than the version that was recently passed by the House of Representatives. Under fossil energy, \$4.6 billion is proposed in the Bill for projects awarded by 30 September 2010, including \$2 billion for one or more power stations with CCS and \$1 billion for projects selected in the third round of the Department of Energy's Clean Coal Power Initiative. Approximately \$1.5 billion could be provided for demonstration of capture from industrial sources. Another \$50 million is proposed for investigation of at least ten potential geological CO₂ storage sites. View the [full story](#).

CCS legislation attacked as too ambitious

30 January 09 - Two Bills in Pennsylvania, House Bill 80 and Senate Bill 92, have been attacked as too ambitious for their inclusion of a requirement that, from 2014, 3% of electricity purchased by distribution companies must come from coal-fired plants with CCS. Under the Bills, plants will have to capture 20% of CO₂ emissions in the first three years, with this required capture level then rising in stages towards 90% from year ten. It would also require Pennsylvania to develop, own and operate a CO₂ disposal network. View the [full story](#).

IGCC with CCS not a policy option for meeting renewables target

30 January 09 - The Florida Public Service Commission has voted against allowing IGCC with CCS to be a policy option for meeting a new 'renewable portfolio standard'. This draft recommendation will now go to the Florida legislature for a final decision. View the [full story](#).

Utah considers CCS legislation

2 February 09 - Legislators in Utah will consider adopting the newly introduced House Joint Resolution 12, which would express support production of hydrogen from coal with CCS. The Resolution would also urge the Public Services Commission to consider 'authorizing recovery of prudently incurred costs from advanced coal and CCS technology that reduces carbon emissions and improves energy security'. The text of the Resolution describes CCS as crucial to reducing power plant emissions whilst meeting increasing energy demand. It also highlights the potential benefits to the economy in Utah that the technology could bring. View the [text of the Resolution](#).

Reports

\$515 billion of investment in clean energy needed annually

29 January 09 - The World Economic Forum has released a report entitled 'Green Investing: Towards a Clean Energy Infrastructure'. The report warns that \$515 billion will need to be invested in clean energy every year between now and 2030 if emissions levels that would cause a 2°C temperature rise are to be avoided. The report identifies CCS as one of four key enablers for a transition to clean energy (along with energy efficiency, smart grids and energy storage). View the [full story](#).

Upcoming events

Building Conferences: Delivering Energy Infrastructure



24 February 2009, London, UK

For more information please view the brochure on the CCSA website:

ccsassociation.org/useful_info/associated_events.html

Platts 3rd Annual European Carbon Capture and Storage conference



26-27 February 2009, Brussels, Belgium

€300 EXCLUSIVE DISCOUNT FOR CCSA MEMBERS

Quote 'CCSA'

Platts 3rd Annual European Carbon Capture & Storage conference will once again unite the CCS community in tackling the current structural challenges, review CCS projects in their various stages and look to uncover opportunities in what will be a changed regulatory environment to ensure CCS lives up to its potential.

For more information please contact Stacey Knox:

T: +44 (0) 207 176 6226

F: +44 (0)207 176 8512

Email: stacey_knox@platts.com

Visit: www.platts.com/Events/2009/pc965/

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

For more information please contact Nadia AlBahar:

T: + 65 63469114

Email: nadia@cmtsp.com.sg

Visit: www.cmtevents.com/?ev=090313&st=31&pg=Sc

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.

For more information please contact Shirley Zhang:

T: +86-21-68407631

F: +86-21-68407633

Email: shirleyzh@chinadecisionmakers.com

Petroleum Economist Forum on Carbon Capture & Storage

- Event postponed until June



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

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 for Energy and Climate Change and the Environment Agency.

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

External events

Coal UK 2009 Conference and Awards Dinner

26 February 2009, London

<https://pull.xmr3.com/cgi-bin/pull/DocPull/9327-173448-1CAB/54023308/Coal%20UK%20-%20Email%203.pdf>

Westminster Energy, Environment & Transport Forum
Keynote Seminar: Implementing the UK's Carbon Targets

24 April 2009, London

CCSA MEMBERS DISCOUNT OF 15%

Quote 'CCSA'

www.westminsterforumprojects.co.uk/weetforum/

Carbon World Doha Summit 2009

27-28 April 2009, Doha, Qatar

www.cmtevents.com/eventschedule.aspx?ev=090420&

2009 SPE International Conference on CO2 Capture, Storage and Utilisation

2-4 November 2009, San Diego USA

www.spe.org/events/co2/

IFP 3rd International Symposium: "Capture and geological storage of CO2 - Accelerating Deployment"

5-6 November 2009, Paris

www.ifp.com/actualites/evenements/congres-et-conferences/organises-par-l-ifp/colloque-co2-2009

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

Suites 142-145, 4th Floor
Grosvenor Gardens House
35-37 Grosvenor Gardens
London
SW1W 0BS
Tel: +44 (0) 20 7821 0528
Fax: +44 (0) 20 7828 0310
info@ccsassociation.org

For more information about the CCSA please visit our website: www.ccsassociation.org

To be considered by the Board for Membership please contact:

Pamela Rudolph

pamela.rudolph@ccsassociation.org