



**Carbon Capture &
Storage Association**

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CCSA Weekly Newsletter

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

To be considered by the Board for Membership please contact:

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UK News

CO2Sense launches new network

11 June 2010 - CO2Sense Yorkshire has launched a free online network to enable businesses in Yorkshire and Humber to keep up to date with progress on CCS, find out what's new and exchange ideas with other companies. CO2Sense Yorkshire is encouraging as many people as possible to become members. For more information please see www.co2sense.org.uk/networks.

International News

NSW Government funds clean coal projects

8 June 2010 - The New South Wales State Government has announced funding for ten clean coal projects. The projects will share \$13 million from the NSW Clean Coal Fund. View the [full story](#).

DOE announces further funding for Recovery Act projects

11 June 2010 - Three Recovery Act funded projects have been selected by the U.S. Department of Energy (DOE) to continue testing large-scale CCS from industrial sources. Following successful completion of their Phase 1 R&D activities, the three projects will now enter into Phase 2 for design, construction, and operation. The second phase of these projects includes \$612 million in Recovery Act funding and \$368 million in private sector cost-sharing. The projects are led by Air Products, Archer Daniels Midland Company, Leucadia Energy. View the [press release](#).

CCS report presented to G8

14 June 2010 - A new report by the International Energy Agency, the Carbon Sequestration Leadership Forum, and the Global CCS Institute will be presented to G8 leaders at their June Summit in Muskoka, Canada. The report's main finding is that, although significant progress has been made, the 2008 Hokkaido G8 recommendation to launch 20 large-scale CCS demonstration projects by 2010 remains a challenge and will require governments and industry to accelerate the pace towards achieving this goal. View the [press release](#).

EIB and European Commission to explore climate finance initiative

14 June 2010 - The European Investment Bank and the European Commission are to explore a joint climate finance initiative for developing countries as part of the EU commitment made at the UN climate conference in Copenhagen last December. In a press statement they also welcomed a political agreement reached in mobilising finance for CCS and innovative renewable energy technologies in the EU through the NER 300 initiative and said that they are currently finalising an inter-institutional agreement on the implementation of the initiative. View the [press release](#).

IPAC-CO2 and CSA Standards to develop CCS guidelines

16 June 2010 - CSA Standards and the International Performance Assessment Centre for Geologic Storage of Carbon Dioxide (IPAC-CO2) have announced a joint agreement to develop Canada's CCS standard for the geological storage of industrial emissions. It is intended that the new standard will be used to promote adoption of international standards and will provide essential guidelines for regulators, industry and others around the world involved in CCS projects. View the [press release](#).

DOE project begins CO₂ storage tests

16 June 2010 - Field testing the potential for combining geologic CO₂ storage with enhanced methane recovery is underway at a site in Alabama by a U.S. Department of Energy (DOE) team of regional partners. Members of the Southeast Regional Carbon Sequestration Partnership (SECARB) are injecting CO₂ into a coalbed methane well to assess the capability of mature coalbed methane reservoirs to receive and adsorb significant volumes of CO₂. Southern Company, El Paso Exploration & Production, the Geological Survey of Alabama, and the University of Alabama are all participating in the field test, known as the Black Warrior CO₂ Storage Project. View the [press release](#).

Upcoming events

Cleaner Coal: Dispelling the Myths



The Crowne Plaza City, London.
21-22 June 2010

The **Cleaner Coal: Dispelling the Myths** conference will focus on the potential for commercialising cleaner coal technologies and how this will assist in maintaining coal's role within the global energy mix of the future.

Hear from over 30 industry leaders including:

Michael Morris, CEO, American Electric Power
Lindene Patton, Chief Climate Product Officer, Zurich Financial Services
Mark Dominik, Vice President, Office of Vice Chairman, Deutsche Bank Group
Juho Lipponen, Head of CCS Unit, International Energy Agency
Michael Wheeler, Director of Engineering, Parsons Brinckerhoff

Conference highlights will include:

Pioneers of the complete carbon capture and storage sequence
Potential of global Government initiatives
New financing techniques
New developments in technology
Solutions to CO₂ storage
Future potential for coal

Join us now to explore the extensive networking opportunities this conference will offer as well as the innovative technologies that can benefit you and the coal industry.

Claim your 30% discount by quoting "CCSA".

Email: mackroyd@euromoneyplc.com

Call: + 44 20 7779 8999

Visit: www.coaltrans.com/cleanercoal

Carbon Capture & Storage World Australia 2010



21 - 23 June 2010, Crown Conference Centre, Melbourne, Australia

Policy, investment, projects and partnerships for government and primary industries

Carbon Capture and Storage World Australia 2010 is a strategic forum for generators, coal and gas executives addressing the roadmap for the commercialization of CCS. Its focus is on deploying CCS within a wider portfolio of carbon reduction strategies.

You will hear global case studies from Canada, Japan, Italy, India and the US. Covering the key topics and the tough questions, these studies will explore commercialisation, policy settings, leadership and the financing models set up to make carbon capture and storage a reality.

The BIG hitters addressing the conference include:

- Sandra Locke, Executive Director CCS Policy Development, Alberta Energy
- Vanessa Guthrie, Vice President - Sustainable Development, Woodside
- Pietro Barbucci, Manager of Fossil Fuels - Research and Development, ENEL SpA
- Chris Raine, President and Managing Director, Alstom Australia & NZ
- Graeme York, CEO, International Power Hazelwood
- Dr Peter Cook, CEO, Otway Project
- Donald Woodrow, Carbon Strategy Manager, CS Energy
- Ralph Hillman, Executive Director, Australian Coal Association
- Richard Aldous, Deputy Secretary Energy and Earth Resources, Victorian Government
- Crispin Walker, CCS Projects Manager, Global CCS Institute
- S. K. Saini, Head of RM & A, North Delhi Power Limited
- Geoff Gay, Senior Manager Corporate Strategy & Development, TRUenergy

Key topics to be explored:

- Supporting a future for fossil fuelled generation through retrofitting technology
- Global and Australian case studies demonstrating CCS pilot and commercial projects, including ZeroGen, Otway, Longannet, Porto Tolle
- Expertise in storage site exploration and management
- Government funding and PPP's to advance CCS innovation and deployment
- Carbon pricing mechanisms and impacts
- Setting a precedent now for future relationships, projects and funding

The need to develop a viable plan for the up take of carbon capture and storage is a truly global initiative. Therefore a cooperative approach between nations is crucial to making this a reality as quickly as possible. Carbon Capture and Storage World Australia 2010 brings the world to you!

Workshops: The Pre-Conference Workshops on Monday 21 June, will cover the important issues of carbon capture and storage site selection and detailing the economics of carbon capture and storage technology, these workshops are an ideal way to arm yourself with the tools needed to make significant operational changes in your organisation.

Special Discount for CCSA Members

Register <https://secure.terrapinn.com.au/V5/rCalc.aspx?E=3407> online and quote voucher code CCSA or Email cs.au@terrapinn.com and quote ccsa

For more information go to <http://www.terrapinn.com/2010/ccs>

Smart Grids and Cleanpower Conference Expo



24, 25 June 2010

1000 GMT +1 - 1730 GMT+1

Building the commercial framework for energy sector transformation

Massive investments are required to transform the energy sector, starting today. Learn how smart grid technologies will help increase energy efficiency, reduce losses and give more control to the energy end-users. Also learn what is the real potential impact of different energy sources on carbon emissions, inland energy supply and global energy prices.

Attend for two days - only GBP350 - and compare your views and perspective with an impressive line-up of senior executives and thought leaders in the energy industry. Hear from key industry players and authorities exploring the following topics -

- . Enabler technology platforms for smart grid
- . Building routes to customers and demand management
- . Regulation and policy
- . Power plants and CCS - efficiency strategy
- . Solar, biomass, wind generation
- . Energy security and smart grid functionality

Key Speaker -

Lord Oxburgh, President, CCS Association

Prof Michael Kelly, Cambridge University, former CSA to DCLG

Matthew Delany, Government Affairs, Vestas A/S

Philip Sharman, Director, Alstom Power

Martin Pollock, Director, Siemens Energy

Marie Francis OBE, Chairman, InCrops

Sarah Harrison, Head of Sustainability & Planning, Ofgem

Register here: <http://www.bit.ly/cleanpower>

CCSA members are entitled to a 10% discount. Quote 'CCSA'.

4th Annual Carbon Capture & Sequestration: The Business Summit

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July 13-15, 2010

Almas Temple Club

Washington, DC

4th Annual Carbon Capture & Sequestration: The Business Summit

July 13-15, 2010 | Almas Temple Club | Washington, DC

Meet all the players you will need to get a commercial scale demonstration project off the ground:

• CCS Developers • EPCs • Pipeline Companies • EOR & Other Sequestration Providers • Financiers

• Status and update on major CCS commercialization projects—

Mountaineer Project and Texas Clean Energy Project

• Emitter perspectives on implementing carbon capture and storage—what capture technologies and storage strategies will they adopt?

• Prospects for federal and state incentives for project development

• Siting and financing CO2 pipelines and the agreements transporters are looking to make with emitters and CO2 providers

• Business case and cost of geologic storage and EOR sequestration

PLUS: Receive a special 10% discount through membership of the CCSA!!! Just register at

www.infocastinc.com/carbon10 using discount code: 105410

The 2010 National CCS Conference



Park Hyatt Melbourne, Victoria, Australia | 28th - 30th November 2010

Australia's CCS leaders invite you to the inaugural National CCS Conference, a major opportunity to be informed, to debate and to connect with others involved in the multi-faceted field of carbon capture and storage.

The conference will go beyond the technical challenges, bringing together stakeholders from all areas of CCS development to tackle the barriers to deployment of this critical low emission technology.

The 2010 National CCS Conference will feature a program of high profile speakers in fields including economics and finance, stakeholder engagement, technology and engineering and the latest developments in policy, legislation and regulation.

The conference will provide updates on major Australian and international CCS projects and unparalleled opportunities to network with leaders in the global CCS arena.

The National CCS Conference is designed for:

- Energy industry leaders
- Banking and finance industry
- Federal, state and local government
- Community leaders
- Economists
- Technology providers
- Policy advisors
- Project developers
- International investors
- Stakeholder engagement advisors
- Engineers
- NGOs
- Researchers
- Students

The Conference is the central event of **National CCS Week**, a program of CCS-based events around Australia held from 28 November to 3 December 2010.

For more information about the conference, including pre-registration, sponsorship and exhibition opportunities, visit <http://www.NationalCCS.com.au>