



nel
technology for life



CCS - Concept to Reality
Carbon Capture and Storage Seminar
& Networking Event

25 November 2009

Aston Conference Centre
Birmingham

Organised by
TUV NEL Ltd, East Kilbride, Glasgow, UK
BOOKING HOTLINE: +44 (0) 1355 272858
ONLINE BOOKING: www.tuvnel.com/events.aspx

Supported by:



Carbon Capture &
Storage Association

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Introduction

The UK Government and various bodies are putting in place the necessary legal framework and financial incentives to accelerate the arrival of Carbon Capture and Storage (CCS). TUV NEL's inaugural CCS Seminar will address the technological developments needed to put the UK and other countries on the path to achieving full-scale capture, transportation and storage of CO₂ emissions.

The engineering infrastructure and building blocks necessary to take CCS forward will be on a large scale. The difficulties of handling large volumes of CO₂ will present many unique challenges. These challenges will have to be resolved in a timely manner if the timescales for CCS is to be met.

The success of CCS will rely heavily on the interaction and collaboration between various industry sectors and bodies. This Seminar brings together the various key players and industry sectors to take CCS from a concept to a reality.

Seminar Objectives

The Seminar will provide delegates the opportunity to network, interact and share experiences with other delegates and speakers.

Attendees will be able to keep abreast of the latest technological developments and needs of CCS.

Topics and Themes

- **Pilot Plants** – the latest development and learning from the CO₂ capture pilot plants
- **Transportation** – the practicalities and challenges associated with transporting CO₂ by pipeline and ship
- **Measurement & Reporting** - the needs and challenges associated with process and regulatory measurement throughout the CCS chain, from capture to injection into the storage formation
- **North Sea Storage** – the value, capacity and qualification of the North Sea for CO₂ storage
- **Post Geological Monitoring** – ensuring the safe containment of CO₂ in the geological storage sites

Who Should Attend

The Seminar is designed for those who have an interest and involvement in the capture, transportation and storage of CO₂.

It is aimed at:

- Power sector
- Oil & gas sector
- Coal sector
- Environmental engineers/advisers/officers
- Policymakers & regulators
- CCS support services
- R&D organisations
- Process engineers
- Equipment suppliers
- Consultants
- Measurement specialists
- Academia

Exhibition Opportunities

Suppliers of equipment and services who attend the seminar are invited to exhibit at the event. This will give your company a profile in the final programme in addition to a stand at the exhibition. Please contact the address on the back page for further details.

Seminar Fees

The registration fee for the Seminar is £450 plus VAT. The fee covers delegate attendance, lunch, refreshments and seminar proceedings.

TUV NEL

TUV NEL is a world leading R&D organisation providing technical support in all engineering disciplines to help underpin existing and emerging technologies.

TUV NEL is part of the TUV SÜD Group, the leading global technical services company. With over 14,000 employees it is represented worldwide at more than 600 locations.

Our track record in technology transfer and facilitating global events is second to none. For further information on how TUV NEL can help your business please visit our website www.tuvnel.com or contact us directly.

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Technical Programme



| | | | |
|---------------|---|---------------|--|
| 09:00 – 09:30 | REGISTRATION AND COFFEE | 12:40 – 13:50 | LUNCH |
| 09:30 – 09:50 | Chairman's Welcome and Keynote Speech Lynn Hunter, TUV NEL, UK | 13:50 – 14:00 | Chairman's Welcome Graeme Leslie, TUV NEL, UK |
| 09:50 – 10:20 | Longannet Post-combustion Pilot Plant Trials Tony Corless, Scottish Power, UK | 14:00 – 14:30 | Transporting CO ₂ - Practicalities and Challenges James Watt, AMEC, UK |
| 10:20 – 10:50 | Demonstration of the Doosan Babcock Energy 40MW, OxyCoal™ Combustion System David Sturgeon, Doosan Babcock, UK | 14:30 – 15:00 | CCS Chain Measurement Needs & Challenges Graeme Leslie, TUV NEL, UK |
| 10:50 – 11:20 | COFFEE & EXHIBITION | 15:00 – 15:20 | Open Panel Discussion |
| 11:20 – 11:50 | RWE Post-combustion Pilot Plant Developments Philip Evans, RWE npower, UK | 15:20 – 15:50 | COFFEE & EXHIBITION |
| 11:50 – 12:20 | Transporting CO ₂ by Ship – A Flexible Approach Klaas Kerrsemakers, Anthony Veder, Netherlands | 15:50 – 16:20 | CO ₂ Storage in the North Sea Mike Stephenson, British Geological Survey, UK |
| 12:20 – 12:40 | Open Panel Discussion | 16:20 – 16:50 | Geological Storage Monitoring Anthony K Booer, Schlumberger Carbon Services, UK |
| | | 16:50 – 17:00 | Chairman's Closing Remarks |

Full Name (inc. title) _____

Preferred Name for Badge _____

Job Title _____

Company _____

Address _____

Postcode _____ Country _____

Telephone _____

E-mail _____

We expect the event to be heavily subscribed. Places are strictly limited and are allocated on a first come, first served basis. Under UK excise regulations delegates from all countries are required to pay VAT at 15% on any conference/course taking place in the UK. Your place will be confirmed upon receipt of a completed booking form. If you do not receive confirmation within five working days please contact TUV NEL.

Payment Details
 (Payment by credit card only)

Delegate Rate £450 + VAT CCSA Member Discount (10%)

Visa Mastercard Amex Diners Card Start Date _____ Expiry Date _____

Card No _____ Security Code _____ (3 digits on back of card)

Card Holder's Name _____

Signature _____

Credit card receipt address (if different from above) _____

Company VAT number (EC member states only - COMPULSORY) _____

Where did you hear about this event? _____

Cancellation Policy
 In order to receive a partial refund, notice of cancellation must be received in writing by TUV NEL Ltd not later than 14 days prior to the commencement date of the event. All such cancellations are subject to a fee of 25% of payments received by TUV NEL Ltd prior to cancellation. No refund shall be made under any circumstances for any notice of cancellation received after this 14 day period, however a substitute delegate may be named, provided that TUV NEL Ltd is notified in writing of such substitution prior to the commencement date of the event. TUV NEL Ltd reserves the right to cancel the event due to unforeseen circumstances. TUV NEL Ltd is not liable for any expenses incurred by the delegate. This programme may be subject to change due to circumstances beyond the control of the organisers.

Venue Details
 Aston Conference Centre, Aston Triangle, Birmingham, B4 7ET
 Tel: +44 (0)121 204 4300 Email: conferenceaston@aston.ac.uk
 Web: www.abs.aston.ac.uk/conferenceaston/

Please complete and return this form to the Events Team,
 Fax back on: **+44 (0) 1355 272999**

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 East Kilbride, Glasgow G75 0QF, UK

Booking Hotline: +44 (0) 1355 272858
 Email: events@tuvnel.com
 Online Booking: www.tuvnel.com/events.aspx

Signed: _____ Date: _____