

Carbon Capture and Storage: bridging the transition from fossil fuels to renewables

DUBLIN CASTLE
CONFERENCE CENTRE

■ 11–12 March 2010

This conference will review recent international research and developments in carbon capture and storage (CCS), while at the same time providing a forum to assess technical and investment opportunities in Ireland and Northern Ireland. It will be an important occasion for communicating the benefits and impacts of implementing CCS.

The conference will be of vital interest to those who are involved in CCS developments, including government departments, local authorities, state agencies, energy companies, the research and environmental communities and the general public.



THURSDAY 11 MARCH

- 10-11 Registration and coffee
- 11-1 SESSION 1: CONTEXTS FOR CCS
 - 11-11.10 Introduction/Welcome:
Mr Conor Lenihan TD, Minister of State with responsibility for Science, Technology & Innovation and Natural Resources.
Professor Nicholas Canny, President (Royal Irish Academy)
 - 11.10-11.50 Keynote Speaker: Scott Brockett (European Commission) European contexts for CCS
 - 11.50-12.10 Ken Macken (Environment Protection Agency, Ireland): Climate change and the imperative for mitigating action
 - 12.10-12.25 J. Owen Lewis (Sustainable Energy Ireland): CCS in the context of a low carbon future
 - 12.25-12.40 John Morris (Geological Survey of Ireland): Carbon storage options, an overview
 - 12.40-1.00 Q&A
- 1.00 – 2.15 Lunch
- 2.15-3.30 SESSION 2: CAPTURE/TRANSPORT: STRATEGIES AND TECHNOLOGIES
 - 2.15-2.45 Keynote Speaker: John Gale (International Energy Agency): Advances in capture technologies & models
 - 2.45-3.00 Pat Naughton (ESB Power Generation): The role of CCS in power generation
 - 3.00-3.15 Q&A
- 3.15-3.45 Coffee
- 3.45-5pm SESSION 3: STORAGE: STRATEGIES AND TECHNOLOGIES
 - 3.45-4.10 Keynote Speaker: Robert Finley (University of Illinois): Permitting and Developing a 1 Million Tonne Geological Sequestration Test in a Deep Saline Reservoir at Decatur, Illinois USA
 - 4.10-4.30 Stuart Haszeldine (University of Edinburgh): Storage, a UK overview
 - 4.30-4.50 Emile Elewaut (TNO, Netherlands): North Sea strategies
 - 4.50-5.00 Q&A
- 5.00-6.00 Poster Session

■ 6.00 PUBLIC DEBATE ■


The impact of CCS on climate change
Free registration for this event on www.ria.ie

Participants:

Jeff Chapman (CCS Association), Stephan Singer (WWF)

FRIDAY 12 MARCH

- 8.30–9.15 Poster Session
- 9.30–11.00 SESSION 4: CCS AS A BUSINESS
 - 9.30–9.55 Keynote Speaker: Richard Vernon (SLR Consulting): Irish regulatory and business environment for CCS
 - 9.55–10.10 Frank Convery (University College Dublin): The carbon market – a European viewpoint
 - 10.10–10.25 John Barry (Shell): CCS and business – a Shell perspective
 - 10.25–10.40 Donnchadh Irish (ESB International): Carbon capture – A Chinese perspective
 - 10.40–11.00 Q&A
- 11.00–11.30 Coffee
- 11.30–1.00 SESSION 5: MONITORING, REGULATION AND RESEARCH
 - 11.30–11.55 Keynote Speaker: Andy Chadwick (British Geological Survey): A case study: Sleipner
 - 11.55–12.10 Chris Bean (University College Dublin): Current research on monitoring and verification
 - 12.10–12.25 Peter Croker (Department of Communications, Energy and Natural Resources): Opportunities and constraints offshore Ireland
 - 12.25–12.40 Michael Tutty (Commission for Energy Regulation): Regulation and long term stewardship issues
 - 12.40–1.00 Q&A
- 1.00–2.15 Lunch
- 2.15–3.30 SESSION 6: CHALLENGES FACING IRELAND IN IMPLEMENTING CCS
 - 2.15–2.40 Keynote Speaker: John Ludden (British Geological Survey): CCS research opportunities
 - 2.40–2.55 Richard Tol (Economic and Social Research Institute): CCS economics in an Irish context
 - 2.55–3.10 David Reiner (Judge Business School, University of Cambridge): Public awareness of CCS issues
 - 3.10–3.30 Q&A
- 3.30–4.00 Coffee
- 4.00–4.45 SESSION 7
 - 4.00–4.20 Bob Hanna (Department of Communications, Energy and Natural Resources): The Irish position on CCS – the way forward
 - 4.20–4.45 Open Forum



Dublin Castle Conference Centre is located just off Dame Street in the centre of the city. For maps of the local area, please visit www.dublincastle.ie/maps.html. For information about accommodation in the city centre, please visit www.visitdublin.com

FEES AND REGISTRATION:

€100 – early registration (before the end of January)

€100 – concessions (students and unwaged)

€150 – standard registrations

To register, please go to www.ria.ie/ccs

If you would like to display a poster at the conference's dedicated poster session, please email ccs@ria.ie.

The Griffith Geoscience Research Awards, managed by the Geological Survey of Ireland, is supporting strategic geoscience research on CCS in Ireland and Northern Ireland.

