

# CO2 Sequestration

## Half-Day Seminar

Thursday 18<sup>th</sup> October 2007  
Rydges Hotel, Cnr Hay & King Streets, Perth



Significant media and public attention is increasingly being paid to the issue of 'Global Warming', with the emission of Greenhouse gasses, in particular CO<sub>2</sub>, being widely recognised as an important component of this effect. One of the mitigation measures being investigated and developed is that of CO<sub>2</sub> sequestration.

As professionals working in the Energy, Offshore or Subsea industries, this seminar will provide an insight into current sequestration options, the status of technology and associated issues with practical applications of sequestration. It is noted that some of the most significant resource-based energy projects being planned in Australia feature issues either with co-produced CO<sub>2</sub> or efforts to capture and sequester the CO<sub>2</sub> emissions.

### PROGRAMME

**Chairman – Terry Griffiths, Trident Australasia**

**09.00 – 9.15 Registration, Tea and Coffee**

**09.15 – 9.30 Introduction**

**09.30 – 10.05 David Hilditch** (CO<sub>2</sub>CRC Commercial Manager)

***Carbon Capture and Storage - Developments in Australia***

Globally, carbon capture and storage (CCS) is seen as a viable option to sequester large volumes of the dominant greenhouse gas, carbon dioxide, from stationary sources such as power stations and LNG plants. This presentation provides an overview of CCS projects in Australia with a focus on the CO<sub>2</sub>CRC Otway Project in Victoria.

**10.05 – 10.40 Andrew Palmer** (National University of Singapore and Bold Island Engineering)

***Ocean Storage of Carbon Dioxide: Pipelines, Risers and Seabed Containment***

One attractive option is to store CO<sub>2</sub> in the deep ocean, this paper examines the engineering of the large-diameter pipelines and risers required to inject carbon dioxide at great depths. An objection sometimes made to ocean-bed lakes of carbon dioxide is that the liquid is not physically "contained", the paper explores the feasibility of enclosing the carbon dioxide in flexible membrane sausage-like containers.

**10.40 – 11.00 Tea/Coffee**

**11.00 – 11.35 John Torkington** (Greenhouse / Project Approvals Manager, Gorgon Development)

***How the wider uptake of geosequestration might be facilitated and geosequestration from the oil and gas industry perspective***

New technologies and research are required to significantly reduce the cost of carbon dioxide capture from flue gas emissions. Conversely the technologies required to sequester carbon dioxide underground are highly developed and extensively used in the oil and gas industry, including undertaking site characterisation, drilling, injection operations, reservoir management and monitoring. This presentation will look at the current state of deployment of this technology and how the further uptake of the technology might be facilitated.

**11.35 – 12.10 Panel Session (Group discussion)**

*Will sequestration reusing existing infrastructure be practical? (e.g. Bass Strait platforms and pipelines?)  
Will sequestration be practical on a significant scale? How practical is sequestration offshore or subsea?*

**12.10 – 13.00 LUNCH**

**Registration form for attendance on back page**

**This seminar is organised and supported by:**



# Registration Information

To register, either e-mail the information required on the registration form to [J.Bremner@sut.org](mailto:J.Bremner@sut.org) or fax the completed form to Joyce Bremner on 00 61 (8) 9204 3826

## Registration Fees

SUT Members - \$120.00 Inclusive of GST

Non Member – \$150.00 Inclusive of GST

**Fee includes** – coffee on arrival, morning tea and lunch

## Preferred Payment Methods:

**Credit Card:** Mastercard or Visa ONLY. We cannot accept payment by any other card.

**Cheque:** Australian Dollar only, made payable to The Society for Underwater Technology

Send to, PO Box 7539, Cloisters Square, Perth, WA, 6850

Please make sure you reserve a place by e-mail or fax before posting your cheque.

## Joining Instructions

Joining instructions will be e-mailed to each registered delegate.

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## Registration Form

Please e-mail details to [J.Bremner@sut.org](mailto:J.Bremner@sut.org) or fax the completed form to (08) 92043826

SUT Member No. \_\_\_\_\_

Please tick to indicate your preferred payment method:

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