



SECOND ANNOUNCEMENT

Cleaner Fossil Energy Securing a Cleaner Energy Future

APEC Clean Fossil Energy Technical and Policy Seminar 2012

**Hyatt Regency Sanctuary Cove
Gold Coast, Queensland, Australia 21 - 24 February 2012**

**Organised under the direction of the
(APEC) Expert Group on Clean Fossil Energy (EGCFE)
Steering Committee...**

Japan: Ministry of Economy, Trade and Industry (METI)
USA: Department of Energy (DOE)
Canada: Department of Natural Resources (NRCan)
Australia: Department of Resources, Energy and Tourism (RET)

APEC EGCFE Secretariat

Japan: Japan Coal Energy Center-Japanese Center for Asia Pacific Coal Flow (JCOAL - JAPAC)

Seminar Secretariat

Australia: Department of Resources, Energy and Tourism (RET)

SPONSORED BY...

Japan: Ministry of Economy, Trade and Investment (METI)
USA: Department of Energy (DOE)
National Energy Technology Laboratory
Australia: Department of Resources, Energy and Tourism (RET)



Tuesday 21 February

14:00 - 17:00 APEC EGCFE Business Meeting (official representatives only)

19:00 - 21:00 Welcome Reception (Fountain Terrace)

Wednesday 22 February

Opening Session

08:50 - 10:30 Chair: *Mr Mick Buffier*, Group Executive Corporate Affairs and Sustainable Development, Xstrata Coal, Australia

Welcoming Address

- *Mr Martin Hoffman*, Deputy Secretary, Department of Resources, Energy and Tourism (RET), Australia

Keynote Address 1

- *Mr Yoshihiko Nakagaki*, Chairman, JCOAL/Corporate Adviser, J-POWER, Japan

Keynote Address 2

- *Mr Dan Hunt*, Associate Director-General (Mines and Energy), Queensland Department of Employment, Economic Development and Innovation (DEEDI), Australia

Opening Address

- *Mr Scott Smouse*, APEC EGCFE Chair/Senior Management & Technical Advisor – International Department of Energy, National Energy Technology Laboratory, USA

Session 1: Coal Policy in the APEC Economies

11:00 - 12:30 Speakers include

- *Mr Koji Morita*, Board Member, Director, Electric Power and Coal Unit, The Institute of Energy Economics (IEEJ), Japan
- *Mr Chris Stamford*, General Manager, Minerals Branch, Department of Resources, Energy and Tourism (RET), Australia
- *Mr Kenjiro Suzuki*, Director for Coal Policy, Director-General's Secretariat, Agency for Natural Resources and Energy (ANRE), Minister of Economy, Trade and Industry (METI), Japan
- *Mr Sun Yang*, Program Official, Department of International Cooperation, National Energy Administration (NEA), PR China
- *Speaker to be advised*, Ministry of Coal (MOC), India
- *Speaker to be advised*, Ministry of Energy, Russia



Tuesday 21 February... continued

Parallel Sessions

13:30 - 15:30 and 16:00 - 17:40	Session 2A and Session 3A :These sessions will cover CCS developments and policies and include a panel discussion on 'Has CCS lost its momentum'?
	<p>Participants include</p> <ul style="list-style-type: none"> • <i>Mr Mark Bonner</i>, Principal Manager Policy, Legal and Regulatory, Global CCS Institute (GCCSI) • <i>Mr Kerry Bowers</i>, President & CEO, Southern Generation Technologies LLC, Southern Company, USA • <i>Professor Chris Greig</i>, Director, UQ Energy Initiative, University of Queensland, Australia • <i>Mr Juho Lipponen</i>, Head, CCS Unit, International Energy Agency (IEA) • <i>Mr Kensuke Suzuki</i>, CCS Business Manager, Thermal & Hydro Power Systems & Services Division Power Systems Company, Toshiba Corporation, Japan • <i>Dr Masao Takagi</i>, Director, Tokyo Branch, Research Institute of Innovative Technology for the Earth (RITE), Japan • <i>Mr Dick Wells</i>, Chair, National CCS Council, Australia • <i>Speaker to be advised</i>, Australian Coal Association (ACA)
13:30 - 15:30	Session 2B : Unconventional Gas
	<p>Speakers include</p> <ul style="list-style-type: none"> • <i>Mr Rick Wilkinson</i>, Chief Operating Officer Eastern Australia, Australian Petroleum Production and Exploration Association (APPEA) <p>Speakers from other APEC economies will also give their perspective.</p>
16:00 - 17:40	Session 3B : Upstream Coal Issues
	<p>Speakers include</p> <ul style="list-style-type: none"> • <i>Mr Mick Buffier</i>, Group Executive, Corporate Affairs and Sustainable Development, Xstrata Coal, Australia • <i>Mr Brad Mullard</i>, Executive Director Minerals, New South Wales Department of Trade and Investment Regional Infrastructure and Services (DTIRIS), Australia <p>Speakers from other APEC economies will also give their perspective.</p>
19:00 - 23:00	Official Dinner - The Grange Room, Hyatt Regency Sanctuary Cove



Thursday 23 February

Parallel Sessions

09:00 - 10:30 and
11:00 - 12:30

Session 4A and 4C : Coal Policy in APEC Economies

Speakers Include

- *Mr Suparerk Sitahirun*, Director of Mineral Fuels Management Division, Department of Mineral Fuel, Ministry of Energy (MEO), Thailand
- *Mr Ismael U Ocampo*, OIC, Director, Energy Utilization and Management Bureau, Department of Energy (DOE), Philippines
- *Mr Pham Thanh Tung*, Deputy Director General, The International Cooperation Department, Ministry of Industry and Trade (MOIT), Viet Nam
- *Dr Jiho Yoo*, Clean Coal Technology Center, Korea Institute of Energy Research (KIER), Republic of Korea
- *Speaker to be advised*, Department of Energy (DOE), USA
- *Mr Kevin Stone*, Senior Commodity Analyst, Industry & Commodity Analysis Division, Minerals, Metals & Materials Knowledge Branch, Natural Resources Canada (NRCan)
- *Mr Badruddin bin Mahyudin*, Deputy Secretary General (Energy), Ministry of Energy, Green Technology And Water (MEGW), Malaysia (to be confirmed)
- *Mr Ir. Syawaluddin Lubis MT*, Director of Mineral & Coal Engineering & Environment, Ministry of Energy and Mineral Resources (MEMR), Indonesia
- *Speaker to be advised*, Industrial Technology Research Institute (ITRI), Chinese Taipei

09:00 10:30 and
11:00 - 12:30

Session 4B and Session 4D : The Future of Cleaner Coal Technologies

Speakers Include

- *Dr Keith Burnard*, Senior Coal Analyst, Energy Technology Policy Division, International Energy Agency (IEA)
- *Dr David Harris*, CSIRO Senior Principal Research Scientist – Advanced Coal Gasification, Australia
- *Mr Naokazu Kimura*, Vice President, Osaki Coolgen Corporation, Japan
- *Mdme Zhang Xialou*, Vice President, China Power Investment Corporation, PR China
- *Dr Louis Wibberley*, Principal Technologist, Advanced Coal Technology, CSIRO, Australia



Thursday 23 February	
13:30 - 15:00	Session 5A : CCS Capacity Building in APEC Economies
	<p>Speakers include</p> <ul style="list-style-type: none"> • <i>Mr Pradeep Tharakan</i>, Climate Change Specialist, Asian Development Bank (ADB) • <i>Mr Craig Hart</i>, Legal Consultant, USA • <i>Ms Anni Bartlett</i>, Education and Training Manager, CO2CRC, Australia
13:30 - 15:00	Session 5B : Low-Rank Coal Technologies
	<p>Speakers include</p> <ul style="list-style-type: none"> • <i>Dr Phil Gurney</i>, Chief Executive, Brown Coal Innovation Australia • <i>Mr Kerry Bowers</i>, President & CEO, Southern Generation Technologies LLC, Southern Company, USA • <i>Speaker to be advised</i>, Nippon Steel Engineering Co., Ltd, Japan
Plenary Session	
15:30 - 16:50	Session 6 : Panel Discussion - Direction of the APEC EGCFE Towards Securing Cleaner Energy Future
	<p>Moderator : <i>Mr John Karas</i>, Manager Coal Sector Projects, Clean Energy Division, Department of Resources, Energy and Tourism (RET), Australia</p> <p>Participants include</p> <ul style="list-style-type: none"> • <i>Mr Masamichi Hashiguchi</i>, Director, Coal Division, Agency for Natural Resources and Energy (ANRE), Ministry of Economy, Trade and Industry (METI), Japan • <i>Mr Sun Yang</i>, National Energy Agency (NEA), PR China • <i>Ms Helen Bennett</i>, General Manager Low Emissions Coal, Department of Resources, Energy and Tourism (RET), Australia
16:50 - 16:55	Closing Comments
	<ul style="list-style-type: none"> • <i>Mr Scott Smouse</i>, APEC EGCFE Chair/Senior Management & Technical Advisor – International Department of Energy, National Energy Technology Laboratory, USA
Friday 24 February : Site visit to CSIRO's Queensland Centre for Advanced Technologies (QCAT)	
09:30 - 14:30	Depart Sanctuary Cove at 9am and return by approximately 4pm. See following page for detailed information.



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Site Tour... CSIRO's Queensland Centre for Advanced Technology (QCAT)

Friday 24 February : 10.30 am to 2.30 pm
(depart Hyatt Regency Sanctuary Cove at 9 am; return approximately 4 pm)

QCAT is a technology precinct for the resources, energy and associated advanced technology industries.

Delegates will be introduced to the breadth of research at the site by Dr Mike McWilliams, Chief of the CSIRO Earth Science and Resource Engineering, with Dr John Carras, Director of CSIRO's Advanced Coal Technology Research giving an overview of CSIRO's coal research.

A series of more technical presentations will follow:

Dr David Harris, CSIRO Senior Principal Research Scientist – Advanced Coal Gasification

- » High efficiency coal utilisation including gasification and integrated CO₂ capture technologies

Mr Michael Sinclair, Programs Manager, Generation Operations – Asset Planning, Stanwell Corporation & Dr Paul Feron, CSIRO Office of the Chief Executive Science Leader

- » Post Combustion Capture and the Tarong Pilot Plant

Dr Su Shi, CSIRO Research Theme Leader

- » Mine Methane Mitigation

Dr Lincoln Paterson, Theme Leader of the Carbon Dioxide Capture and Geological Storage Theme

- » CO₂ Transport and Storage

Following a light lunch the delegation will tour QCAT offering continued interaction with CSIRO researchers as well as viewing

- » The Virtual Mining Centre, an immersive space for controlling tele-robotics equipment as well as mine planning and visualisation;
- » CSIRO's low emissions coal research focused on coal gasification and syngas separation technologies;
- » A demonstration of non-GPS dependant autonomous vehicles

Safety Requirements: Sturdy closed in shoes are mandatory.

Please note: Tour limited to 40 places. Please book early. Speakers will receive priority.



General Information

To register for the seminar & site tour...

Register online at www.tmm.com.au or complete the registration form included in this flyer.

Accommodation...

A number of accommodation rooms have been reserved for delegates at the Hyatt Regency Sanctuary Cove. Please complete the relevant section in the registration form and provide credit card details to secure your booking.

Early bookings are recommended!

Venue Location...

The Hyatt Regency Sanctuary Cove is located approximately 1 ½ hours by road from Brisbane's international and domestic airports, and 1 ½ hours from the Gold Coast Airport (Coolangatta). Airport transfer options and costs will be advised shortly.

For general enquiries ...

please contact The Meetings Manager

Email: meetings@tmm.com.au

Tel: +61 2 9810 7322



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REGISTRATION FORM

Register online at: www.tmm.com.au

or complete the form and send to The Meetings Manager Fax: +61 2 9810 7320

or scan and email to meetings@tmm.com.au

TITLE FIRST NAME LAST NAME

Preferred name for name badge

POSITION

ORGANISATION

ADDRESS

CITY STATE POSTCODE/ZIPCODE

COUNTRY/ECONOMY TELEPHONE MOBILE

EMAIL

Social functions/Site Visit - Please tick if you are likely to attend

- EGCFE Business Meeting (Tues - 1400) Attending Not attending (Official EGCFE Representatives Only)
- Welcome Reception (Tues - 1900) Attending Not attending
- Official Dinner (Wed) Attending Not attending
- Site Visit QCAT (Fri) Attending Not attending Limited to 40 places

Accommodation: Hyatt Regency Sanctuary Cove (deadline for bookings Monday 16 January)

A number of accommodation rooms have been reserved for delegates at the Hyatt Regency Sanctuary Cove. Please provide credit card details to secure your booking.

Accommodation bookings cancelled within 30 days of arrival are subject to one nights cancellation fee. Accommodation bookings cancelled within 7 days are subject to full stay cancellation.

Standard Single Room + breakfast for 1 AUD\$195.00 Standard Double Room + breakfast for 2 AUD\$213.00

Please reserve rooms as above: Arriving: / / Departing / /

Please Note: All rooms are non-smoking; smoking is only allowed on balconies of accommodation rooms. Room rates include goods and services tax (GST)

Payment details to secure your accommodation....

Please forward the following credit card to the hotel to secure my accommodation

Mastercard Visa Amex Diners

Card number

Expiry date /

Signature

Cardholders name

(Please Print)

Our Privacy Policy: By registering for this seminar, relevant details will be held on a database by EGCFE and The Meetings Manager. An attendee list will be provided to all participants (name, position and organisation only). If you do not wish your information to be used in this manner, please advise The Meetings Manager in writing.