



THURSDAY 19 FEBRUARY LUNCHEON

Oil from Algae – SA taking the lead through the Future Fuels Consortium

Speaker: Assoc Prof Rob Thomas,

Chief, Sustainable Systems, South Australian Research and Development Institute (SARDI)

In the search for alternative fuels to replace conventional oil, one of the most exciting prospects is to produce fuel from algae. This has the potential to be cheap and high yielding. It is also environmentally friendly, absorbing CO₂ and able to grow in saline water. Researchers around the world are working on commercialisation of fuel from algae. One of the leaders in Australia is the South Australian Research and Development Institute, which has been successful in winning a Premier's Science and Research Fund grant (over \$1M) to develop a Proof of Concept Microalgae Biorefinery for biodiesel feedstock and high value co-product production. Sancon Recycling has matched this grant. The technology developed from this work will be used to develop a 10 hectare pilot-scale Biorefinery on Torrens Island. A consortium of SARDI, Flinders University, CSIRO and Sancon Recycling (know as the Future Fuels Consortium) has been formed to develop the pilot.

Rob Thomas has thirty years experience in environmental science as a research manager, consultant, policy maker and environmental regulator. For the last six years, he has developed a new research division in SARDI focussing on natural resources management and sustainability in agriculture. He has played a leading role in the development of SARDI's capability in biofuels and microalgal production systems. He has presented key papers on microalgal production systems at the 2007 and 2008 AusBiotech National Conference and the Australia-China Energy Symposium in 2006. Mr Thomas has held senior roles as Chief Executive of the Department for Water Resources (SA), Executive Director Environment Protection Agency, and Industry Executive Kinhill Engineers.

Microalgal bio-refining holds great promise in a carbon-constrained world and SARDI is at the forefront. Don't miss this opportunity to learn first-hand about its status from a key expert.

- Time:** 12.15 for 12:30 pm, Thursday 19 February 2009
Venue: The Ballroom, Ayers House, 288 North Terrace, Adelaide
Cost (includes lunch): Members \$60 / Non-members \$85 / Retired Members and Students \$30 (GST inc)
- Corporate Tables (8 or more people): 10% discount off total cost

Register online by 10 am Tuesday 17 February 2009 at: www.aie.org.au (click on events/coming events at top of page)

Or by Fax: 03 9898 0249, by Phone: 1800 629 945 (Free Call) or by mail: AIE, PO Box 193, Surrey Hills, Vic 3127

All major credit cards are accepted online, by fax or by phone. Cheques are accepted by mail only and should be made out to AIE – SA Branch. Registrations cannot be accepted unless accompanied by full payment. Payments cannot be accepted at the door. Unless 48 hours notice of cancellation is received, non-attending registrants will not be refunded.

Registration Form and Tax Invoice. A completed copy of this registration form constitutes a Tax Invoice for GST purposes. Individual receipts will be provided by email.

Please register the following persons for the AIE luncheon to be held in Adelaide on Thursday 11 December 2008:

Name (In Full)	Organisation	Contact No.	Member/ Non-Member / Retired Member / Student	Amount \$
Total				\$

Email Address:..... (your payment receipt will be sent to this address)

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