



Energy from Waste: Advanced Thermal Technologies

Thursday 18 June 2009

Lancaster Environment Centre, UK

Organised by SCI's Environment Group and
Process Engineering Group in association with
Lancaster Environment Centre



- 09:15** Registration and refreshments
- 09:40** **Chairman's Introduction**
Prith Rajendran, Stopford Projects Ltd
- 09:45** **Industry and Technology Overview**
David Robertson, Viridor Waste Ltd
- 10:15** **Technology Challenges**
Ben Herbert, Stopford Projects Ltd
- 10:45** **Energy from Waste Biomass - the BtVB Process**
Andreas Hornung, Aston University
- 11:15** Refreshments
- 11:45** **Case Study: Small Scale Pyrolysis Unit**
Sean McCarthy, QinetiQ Plc
- 12:15** **Colombo Renewable Energy**
Gavin Colls, Stopford Projects Ltd
- 12:45** Lunch
- 13:45** **Regulatory and Commercial Drivers**
David Howard, Centre for Ecology and Hydrology
- 14:15** **Defra's New Technologies Demonstrator Programme**
Steve Horrax, Enviros
- 14:45** **The Safety/Environmental Considerations of Using Waste Streams for Energy Generation**
Raffaella Villa, Cranfield University
- 15:15** Refreshments
- 15:30** **Pyrolysis and Gasification- Planning and Environmental Impacts**
David Brignall, Wardell Armstrong
- 16:00** **Barriers and Issues**
Kerry Thomas, Environmental KTN
- 16:30** Close

Steve Waller
Matthew Lemmon
Ben Herbert

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synopsis

**“The opportunity:
To offset 34
million tonnes
of carbon from
fossil fuel sources
by implementing
energy from waste
technologies”**

(Environmental
Knowledge Transfer
Network)

There are a number of technologies available for the conversion of waste material to energy including biological processes and conventional mass burn incineration.

This one day meeting organised by the Environment Group and Process Engineering Group of SCI in conjunction with Lancaster Environment Centre will consider the advanced thermal technologies which are rapidly developing, including: Gasification, Plasma Gasification and Pyrolysis.

This meeting is aimed at Technology Providers, R&D Houses, Local Authorities and Waste Management Companies.

sponsors



The Lancaster
Environment Centre

exhibiting

There will be a limited number of exhibition stands for companies and related organisations who may wish to exhibit. For further details and exhibition registration form, please contact Laura Grimsley: E: laura.grimsley@soci.org, T: +44 (0) 207 598 1566.

posters

SCI invites researchers in the subject area to submit a synopsis for a poster. To make a submission please send a 250 word abstract, by **30 April 2009**, to conferences@soci.org. Abstract templates can be downloaded from www.soci.org.

information on SCI

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

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Energy from Waste: Advanced Thermal Technologies

18 June 2009 @ Lancaster Environment Centre, Lancaster, UK

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