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Organised by
**Recycling
& WASTE WORLD**
conferences

Energy from Waste in Wales 2009

Using Our Assets

**Thursday 9 July 2009
All Nations Centre
Cardiff**

Supported by:



10% DISCOUNT OFF STANDARD PRICE FOR MEMBERS OF THE SUPPORTING ORGANISATION

TOMORROW'S THINKING TODAY

Why you should attend

Wales continues to lead the way with ambitious plans to achieve zero waste by 2050. With a goal of 70% recycling by 2025, Local Authorities are actively involved with efforts to recycle, re-use and reduce waste. The Welsh Assembly Government has provided extra funding to ensure recycling and composting can go as far as possible to reduce residual waste. This remaining waste can however be an asset when used as a renewable fuel to replace our declining fossil fuels and particularly when used to produce both electricity and heat.

CHP has great potential for increased energy efficiency, cost savings and reducing environmental impacts. New systems that can use waste to produce both heating and electricity to heat and power homes, hospitals, schools etc have been used throughout Europe for many years and are now a part of everyday life. Citizens in Europe have grown up with these power plants and are happy to live and work beside them. They often result in reduced utility costs, cleaner fuel and lower CO2 emissions.

Wales is swiftly following the European example and implementing new systems designed to produce significant energy, environmental and economic benefits for both industry and the population as a whole. Closed loop systems are being encouraged wherever suitable, power produced is increasingly used to heat neighbouring installations and new technology is being advanced to find methods to deal with as much of the residual waste as possible. With increasing landfill tax and the need to reduce our carbon footprint all these methods are essential for the future of the country.

Energy from Waste in Wales brings details of latest technologies and new projects in Wales and provides an ideal opportunity for questions and discussion with key leaders and decision makers within this ever-evolving, dynamic industry. It provides essential information for all those involved in the waste and energy sectors featuring planning and funding issues as well as interesting case studies. Book your place now – you can't afford to miss it!

Who should attend

Senior personnel within local authorities, waste management, environmental strategy and planning, power generation and energy development and engineering and technology industries.

- Central government policy makers
- Local government waste management officers
- The waste industry
- The energy industry
- Environmental consultancies
- Waste producing companies and organisations
- The recycling industry
- Technical, academic and research personnel
- Engineering and technical companies
- Financial institutions and investment houses
- Biomass and waste biomass industries

Energy from Waste

Using Or

Thursday 9 July 2009, A

08.45 **Registration**

09.15 **Welcome**

Tom Freyberg, Editor, *Recycling and Waste World* magazine

09.20 **Introduction**

Clifford Parish, Chairman of the CIWM Cymru Welsh Centre
Conference Chairman

Policy, planning and finance

09.30 **The role of Energy from Waste in Wales**

Andy Rees, Head of Waste Strategy Branch, Welsh Assembly Government

09.55 **Planning issues**

TBA

10.15 **Local Government and EfW**

- The context
- Financing
- Awareness and public opinion

Tim Peppin, Director of Regeneration and Sustainable Development, WLGA

10.35 **De-carbonising the fuel chain**

- Converting MSW and trade wastes into renewable fuels
- Developing new markets for renewable fuels as solids, liquids and gases
- The benefits of commercial 'merchant plants' as alternatives to landfill
- Progress on Orchid's commercial operation in North Wales

Stephen Whatmore, Managing Director, Orchid Environmental

10.55 **Questions & Answers**

11.10 **Refreshment break and exhibition viewing**

Achieving renewable heat targets – the role of EfW

11.40 **Extracting Energy from Waste**

- Locations and markets for schemes in Wales
- Overcoming barriers and accessing potential

Dr Garry Staunton, Technical Director, Carbon Trust

12.00 **Biomass District Heating – a case study from Barnsley Metropolitan Borough Council**

- Set up
- Successes so far
- The future

Dick Bradford, Principal Designer (Building Services) & Energy Engineer, Property & Procurement, Barnsley MBC

12.20 **MVV Umwelt: a case study of German experience in CHP and district heating experience**

- Overview of the development of MVV's CHP and district heating experience
- Mannheim district heating and industrial CHP system
- Offenback district heating system
- Korback industrial CHP system
- High efficiency energy from waste systems

Dr Hansjörg Roll, Director of MVV Umwelt GmbH

Waste in Wales

Our Assets

All Nations Centre, Cardiff

12.40 Questions and Answers

13.00 Lunch and exhibition viewing

Moving forward – Developments in technology and structure

13.45 Benefits of Energy from Waste for Wales

- Policy and value for money
- Renewables policy
- Small v large projects
- Location and transport
- Covanta Welsh project description

Malcolm Chilton, Managing Director, Covanta Energy Ltd UK

14.05 Waste not; Want not – getting the right Power Purchase Agreement

- Revenue expectations from energy sales
- PPA structures and getting the risk/reward balance right
- Source to supply – linking waste generation to energy consumption

Tim Foster, Manager - Marketing and Sales, SmartestEnergy

14.25 The potential air quality impacts of Energy from Waste plant

Peter Coleman, Principal Consultant, AEA Technology

14.45 Questions & Answers

15.00 Refreshments and exhibition viewing

15.20 Waste and the carbon endgame with advanced thermal systems – an economic perspective

- Policy drivers and their economic implications
- Key considerations for future added value via different exit strategies
- Technology externalities and financial risks
- The virtues of high thermal conversion efficiencies and efficient power storage

Peter Jones, Waste2Tricity

15.40 Planning for new infrastructure

Dr Adam Read, Knowledge Leader - Waste & Resources Management, AEA Technology

16.00 Panel Discussion: Dealing with Change - how to engage the public in appraising and accepting new EfW technology

Zoe Lenkiewicz, RPS, Chair

16.30 Chairman Close

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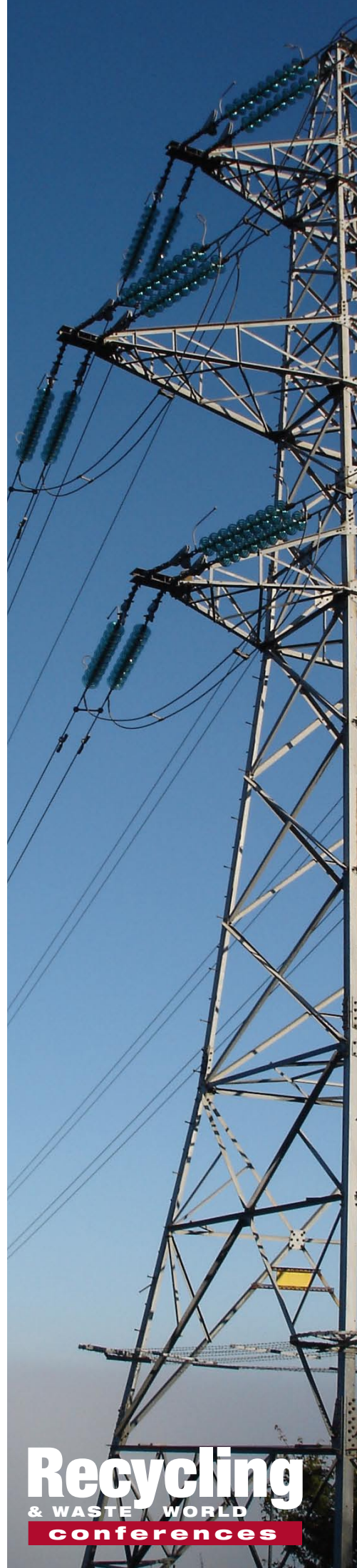
A&D reserves the right to alter the venue and/or speakers due to unforeseen circumstances.

Exhibition Opportunities

Your chance to reach your target audience and actively participate in the conference.

If this appeals to your company please contact Stephne Graham on 01722 717033 or email stephne.g@markallengroup.co.uk.

See back page for further details.



Recycling
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conferences

Registration form

I would like to secure my place at **Energy from Waste in Wales on Thursday 9 July 2009 at All Nations Centre, Cardiff.** (Photocopies of this form accepted).

Title _____ Surname _____

Forenames _____

Job Title _____

Company Name _____

Address _____

Postcode _____ Tel _____

Email _____

Dietary requirements _____

I understand that this registration form is subject to the booking conditions.

Signed _____ Date _____

How did you hear about this conference? _____

CONFERENCE RATES

Standard delegate rate:

£499.00 + VAT (£74.85) = £573.85

I am a member of the supporting organisation and request a 10% discount

£449.10 + VAT = £523.95

Early Bird Booking (Book by 5 June 09):

£445.00 + VAT (£66.75) = £511.75

Exhibition stand booking

£1250.00 + VAT (£187.50) = £1437.50

I WISH TO PAY BY:

Please debit my Visa Mastercard Maestro American Express

Card no

Valid from Expiry date

Issue no (Maestro cards only) 3 digit security code

Signed..... Date

or... make your cheque payable to A&D Media Ltd

or... invoice

INVOICE DETAILS

Requesting an invoice and signing this form will secure your place on the conference. All invoices though, must be paid in full before the event.

PLEASE COMPLETE IN FULL WITH CONTACT NAME IF DIFFERENT FROM ABOVE

Contact.....

Company.....

Full address.....

..... Post code.....

Telephone..... Fax.....

Email.....

Signed.....

Data Protection - By registering for a conference A & D Media can provide you with information relating to your booking and other A & D Media related products or services via email, direct mail, fax or telephones. Please write to the head of marketing at the address below if you do not want to receive this information. We may also make your details available to carefully screened companies (excluding email addresses) who have offers that may be of interest to you.

If you specifically do not wish your details to be made available to third parties, please tick here.

PLEASE RETURN TO:

Conference bookings, A&D Media Ltd,
Jesses Farm, Snow Hill, Dinton, Wilts, SP3 5HN.

FAX BOOKING LINE: 01722 716926

TEL BOOKING LINE: 01722 717034

Exhibiting at Energy from Waste in Wales, Thursday 9 July 2009

Exhibiting at this event provides you with the opportunity of reaching your target audience and actively participating in the conference.

Cost £1250.00 + VAT (£187.50) = £1437.50

The exhibition package includes:

- A complimentary delegate place
- A stand space, 2m x 3m
- Furniture for your stand – a table and two chairs
- Lunch and refreshments
- Your company profile included in the delegate pack, with contact details

I wish to book an exhibition stand at *Energy from Waste in Wales*, Thursday 9 July 2009

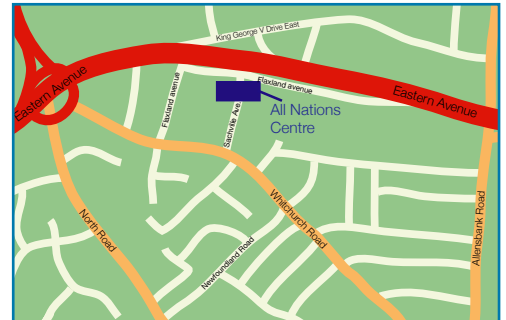
Payment and booking details – please complete the registration form opposite

How to get to the venue

All Nations Centre, Sachville Avenue, Heath, Cardiff CF14 3NY
Tel: 02920 524 100

From the East

Using the M4, exit at Junction 29, joining the A48(M). Take the exit signposted University of Wales Hospital. All Nations Centre – The main entrance to the All Nations Centre is the first exit off the slip road on the left (signposted All Nations Centre).



From the West

- Motorway approach from the West – leave at junction 32 then follow directions below.
- A470 North approach as below

Follow road signposted Cardiff A470. Go straight through six sets of traffic lights, before the seventh set take the centre lane. Go straight through the seventh set of lights, bearing left, but not turning left. As you come around the bend, keep following the road running alongside the flyover (DO NOT get onto the flyover). Follow signs for M4 East. At the roundabout take the first exit. Take the first exit off the slip road (to University Hospital of Wales) and follow All Nations Centre signs.

Booking conditions

A&D Media Ltd accepts bookings under the following conditions:

- All correspondence will be sent to the participants at the address specified on the booking form or over the telephone. (This address will also appear on the official participant's list given out at the event).
- The completed booking form together with full payment must be sent to A&D Media Ltd. A confirmation will then be issued. Cheques should be made payable to A&D Media Ltd. **Returning the signed registration form constitutes a firm booking.**
- Bookings may be made by telephone but payment must be made in full by credit card.
- All payments, including credit card, must be in sterling.
- A&D Media Ltd reserves the right to cancel a booking if payment is not made six weeks prior to the conference taking place. Any outstanding payment becomes the responsibility of the signatory made on the reservation form.**
- Payment for any booking made within six weeks of the conference will still be due to the company irrespective of whether the delegate attends.
- Should you be unable to attend, a substitute delegate may take his/her place. Notification must be received in writing one week prior to the conference.
- A&D Media Ltd reserves the right to change the conference speakers in cases of illness or other conditions beyond its control.
- A&D Media Ltd does not accept responsibility for loss or damage to delegates' own property and/or personal effects whilst at the conference.
- A&D Media Ltd does not accept liability for loss or damage to personal effects caused by events beyond its control, including (but without limitation) fire, flood, strikes, civil disturbances or for consequential loss or damage of any kind whatsoever.

Cancellation of booking

Written cancellations received six weeks prior to the conference will be accepted and a refund of 90% of the booking charge will be made. After this date, no refunds can be given. Verbal cancellations will not be accepted.

If written cancellation is not received six weeks prior to the conference full payment will still be due irrespective of whether the delegate attends the conference.



A&D Media Ltd
Jesses Farm, Snow Hill, Dinton, Wiltshire, SP3 5HN
Tel: 01722 717034 Fax: 01722 716926
www.recyclingwasteworld.co.uk/conferences