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THE 6TH INTERNATIONAL EFW CONFERENCE

Energy from Waste

24-25 February 2010

TOMORROW'S ENERGY TODAY

Hilton London Metropole, London

*Driving forward waste derived
energy, heat and fuel*

- *The view from new market entrants*
- *Interactive discussions and debate*
- *Latest advances in policy, markets and technology*

Organised by

Recycling
& WASTE WORLD
conferences

TOMORROW'S THINKING TODAY

SUPPORTING ORGANISATIONS

Members of supporting organisations have a 10% discount off the standard delegate rate – see the back cover booking form for further details.



Confederation
of European Waste
to Energy Plants



Combined
Heat and Power
Association



The Chartered Institution of
Water and Environmental
Management (CIWEM)



Chartered
Institution of Wastes
Management



European Association
of producers of Solid
Recovered Fuels



Environmental
Services Association



European Biomass
Industry Association



European Federation
of Waste Management
and Environmental
Services



Renewable
Energy
Association

WHY YOU SHOULD ATTEND

There are many reasons to book your place at **Energy from Waste 2010** this year. The programme looks at the different development paths energy from waste is taking and how these can be brought to market. The practicalities of funding, partnership development, risk management and public perceptions are explored in depth. The waste industry has seen many successes – recycling rates are up and landfill diversion is increasing, but the industry still faces tremendous challenges as policies, targets and business opportunities respond to a changing world.

Energy from Waste 2010 addresses these issues, bringing together many of the industry's leading experts and top speakers on a wide range of issues pertinent to this market.

The programme includes sessions on:

- Policy and strategy from DEFRA and DECC on waste infrastructure development, renewable energy generation and renewable heat production
- Developments in CHP, district heating, ESCOs, and regeneration based on energy from waste
- Discussions around the Renewable Heat Incentive and its implications for the industry
- Changing attitudes to energy from waste – how can the industry generate a more positive image for EFW?
- Building the SRF market – what is its potential and how can its value be optimized? Case study and the view from Europe
- Diverting more C & I waste from landfill – what does it mean for the EFW industry? Financing methods and market analysis
- Emerging technologies for energy and vehicle fuels – what do they have to offer and are they bankable?
- Financing the energy from waste infrastructure – from large scale PFI, to cutting edge technologies, financial experts share best practice

With top presentations and interactive discussion sessions, *Energy from Waste 2010* provides you with an unrivalled opportunity to hear from industry leaders and exchange views and best practice with experts in their fields.

Comprehensive, challenging and authoritative, you can't afford to miss *Energy from Waste 2010*. Book your place today and ensure you take part in the UK's leading Energy from Waste conference.

WHO SHOULD ATTEND

Decision-makers within local authorities, waste management, energy, fuel and power generation, environmental strategy and planning, high-energy using industries, waste generating industries, and many other sectors including:

- Central government policymakers
- Local government waste management officers, planning, finance and climate change officers

Senior management in:

- The waste industry
- Energy and utilities
- Water and sewage companies
- High energy using industries
- Organisations considering renewable energy sources and fuels
- Waste producing companies and organisations
- Environmental and energy consultants and advisors
- The recycling industries
- Technical and academic personnel
- Civil and mechanical engineering and contracting companies
- Financial institutions and investment houses
- Technology developers
- Biomass producers
- Renewable energy and fuel suppliers
- Research and academic organisations
- Biodegradable waste producers including the food and drinks industries, agricultural industries, retail, hotel and catering industries, airports, wood and pulp related industries
- Property and urban developers
- Vehicle and transport industries
- Regional Development Agencies

Approved by the Chartered Institution of Wastes Management, this conference provides two days towards the Institution's Graduate Structured Learning & Development Programme, Or 14 hours of Continuing Professional Development

www.recyclingwasteworld.co.uk/conferences

Energy from Waste

Wednesday
24 February 2010

TOMORROW'S ENERGY TODAY



09.15 Welcome

Tom Freyberg, Editor, Recycling and Waste World Magazine

09.20 Chairman's introduction

Allan Barton, Leader of Resource and Waste Management; Director, Arup

09.30 Opening address

William Day, Chairman of the Sustainable Development Commission

Waste strategy and market developments

10.00 An update on the Waste Infrastructure Delivery Programme, following the final round of PFI funding

- Present pipeline of projects - in build, procurement or development
- Barriers to progress
- Opportunities for the future, including the development of a C & I waste strategy and further incentives for SRF development

John Burns, Programme Director, WIDP, DEFRA

10.25 Energy from Waste across Europe - trends and economics in a maturing industry

- Energy from waste in established markets, eg Netherlands and Germany - development of the market, current challenges, future trends
- A comparison with Eastern Europe, and the direction of progress there, with an analysis of the economic drivers
- A consideration of the UK market, barriers to progress and likely future developments

Jan Manders, Deputy President, CEWEP

10.45 Industry discussion

Key issues and challenges facing the developing energy from waste industry, including capacity required for the UK market; balancing risks and revenue; partnerships and economics between local authorities, waste and energy industries

With panel guests

Dennis Thran, International Director of Treatment, WRG
Dr Nader Bahri, Managing Director, E.ON Energy from Waste
Gary Aguinaga, Vice President UK Operations, Wheelabrator Technologies

11.25 Refreshments

Policies and incentives for heat, and implications for EfW

11.50 Energy from Waste and its role in meeting renewable heat targets

- An outline of policy and strategy to increase decentralised, renewable, community heating, and the position of EfW
- Development of regional strategies, and the challenges faced by towns and villages; the development of local authority heat mapping
- Local planning guidance on energy and climate change
- Unlocking finances for these projects

Hergen Haye, Director, Heat Policy, DECC

12.15 An analysis of the Renewable Heat Incentive and the results of the consultation so far, with particular reference to Energy from Waste

An outline of the RHI, including proposed banding structures and support implications for the range of EfW technologies and market development

Jo Greasley, Head, Renewable Heat Incentive Team, DECC

12.35 Question and answer session and open debate

With panel guest Chris Manson-Whitton, Biomass Energy Manager, Progressive Energy Ltd.

13.00 Lunch

The development of CHP and district heating networks

13.55 Chairman's introduction

Allan Barton, Leader of Resource and Waste Management; Director, Arup

14.00 Best practice for CHP and district heating development in the UK - international comparisons and lessons learnt

- Overview from recent IEA analysis on global CHP trends and activities
- Spotlight on the UK's policy strategy
- How it measures up against other leading countries
- Recommendations for next steps that can be taken to advance CHP in national policy

Tom Kerr, Senior Energy Analyst, IEA

14.20 A market lead approach to waste carbon management - planning, technology and industry partnerships

- Positioning and choice of EfW plants in relation to market and energy requirements

- London and West Midlands plans for energy and heat from waste

Peter Jones, Sector Commentator

14.40 Question and answer session

14.50 Volume heat delivery in the market

- The nature of heat networks
- UK policy framework
- The challenges of financing heat networks
- Models for delivering heat networks
- Implications for EfW?

Michael King, Associate, Combined Heat and Power Association

15.10 WRG Eastcroft EfW plant - development and growth of CHP potential

- The addition of a third line to the existing EfW plant
- Technical and planning issues surrounding increased heat production
- Securing ROCs - implications for the project
- Heat delivery challenges
- Business model and partnership structure between WRG, Enviroenergy and Nottingham City Council

Paul Andrews, Director of Energy, Waste Recycling Group

15.30 A story still being written - Nottingham City's move towards a low carbon economy and its relationship to waste policy

- An overview of the interlinking areas of Nottingham's waste, energy and climate change strategies
- The role of the EfW plant and the potential of district heating for regeneration
- The development of the vision
- Putting funding in place

Andy Vaughan, Director of Environmental Services, Nottingham City Council

15.40 Question and answer session

15.50 Refreshments

16.10 Planning Forum

An exchange of best practice for planning success for energy from waste, with a particular look at planning for heat delivery

With panel guests

Keith Riley, Managing Director, Veolia Environmental Services

Robert Shaw, Associate Director, Aecom

Jacqui O'Keefe, Partner, Simmons and Simmons

Sue Bolter, Head of Economic and Community Development, South Holland District Council

17.30 Chairman's conclusion and close of conference Exhibition focus

Energy from Waste

Thursday
25 February 2010

TOMORROW'S ENERGY TODAY



09.10 Chairman's introduction

Allan Barton, Leader of Resource and Waste Management; Director, Arup

The development of the SRF market

09.20 SRF Development in the UK

- The market
- Government policy and funding
- Alignment of fuel user / Fuel producer
- Economics
- Case Studies

Craig Ibbetson, Director, Regen Fuels

09.40 Case study: The RDF to CHP plant at Stavenhagen, using EfW in a food processing plant

- An outline of the Pfanni Stavenhagen potato food processing plant
- Interfaces of steam supply
- Basic design of RDF – CHP plant
- The origin and potential of RDF
- RDF production

Thomas Hegner, Director, Nehlsen

10.00 Trends and drivers in SRF production and use across Europe

- Planning for change - recent evolution in SRF production across Europe
- Testing and analysis
- Potential future development trends and implications for industry

Amanda Gascoyne, Contracts Manager, Shanks; ERFO Executive Committee

10.20 Question and answer session

10.30 Refreshments

Increasing commercial and industrial waste diversion from landfill

10.55 An analysis of the C & I market for energy from waste and the implications for merchant waste facility development

- Background to the C&I market
- Future potential
- Market issues, economics and technologies
- Funding issues and structures

Steve Hazleton, Director, Energy and Environmental Infrastructure Advisory, Ernst and Young LLP

11.15 Case study: Commercial and financial structures to support the development of a C&I waste based waste to energy plant

- Intro to the project and the project partner
- Outline of the proposed project configuration including technology
- Key risks in the project and how these might be managed
- Opportunities and challenges for the future development of the sector

Alex Young, Energy Director, New Earth Solutions Group

11.35 Question and answer session

11.45 Finance Forum

Balancing risk and capacity requirements; the shape of future financing across the EfW technologies and markets

With panel guests

Rob Winchester, Partner, Infrastructure Advisory, Ernst and Young LLP

Chris Holmes, Director, UK Head of Infrastructure and Renewables, NIBC

Andrew Hartley, Head of Infrastructure, Project Finance, Bank of Ireland

Paul Carey, Managing Director, MVV Environment Ltd
John Bland, Treasurer and Deputy Clerk, GMWDA

13.00 Lunch

Alternative thermal technologies for energy recovery from wastes – electricity, transport fuels, heat and chemicals

14.00 The implementation of the Renewable Energy Directive in terms of transport fuels, its interpretation into UK policies and the implications for waste derived fuels

- What are biofuels? Are waste derived fuels biofuels, or to what extent are they?
- Measurement and monitoring of biomass content
- Economic impact of RTF awards
- Where policy in the UK is going, current discussions and likely future directions

Clare Wenner, Head of Biomass and Transport, Renewable Energy Association

14.20 Second generation transport biofuels from waste and low-grade biomass

- Policy context
- Processing pathways
- Technical developments and challenges
- Feedstocks and their implications
- Project development, economics, and the RTFO

Phillip Cozens, Head of Technology Development, Progressive Energy Ltd.

14.40 Question and answer session

14.50 The technology and economics of generating fuel from waste plastics and an increasing commercial and industrial waste stream

- An outline of competitive technologies for plant development in the UK
- Fuel production and quality control, licensing and legislation
- Economics of production - does it pay to do this?
- Markets for fuels based on waste plastic
- Future market development opportunities and the integration with waste reduction strategies.

Edward Kosior, Managing Director, Nextek Ltd

15.10 Fuel cells and energy from waste: The most efficient conversion of waste to electricity

- An outline of the technology and process - MSW feedstock to plasma gasification and syngas production
- The role of the fuel cell; current state of development, timescales to market-readiness
- The economics of the case - how do the figures stack up?
- Other applications for the technology.

Terry Walsh, Director, Waste2Tricity

15.30 Question and answer session

15.40 Refreshments

16.00 Communications Forum – Changing public attitudes about Energy from Waste

With panel guests

Fiona Macintosh, Director, PPS Group

Andrew Whyte, Director of Communications, DEFRA

Tony Grimshaw, Technical Director, Energos

Mike Snell, General Manager, External Affairs, Waste Recycling Group

Chris Maltbaek, Integrated Waste Contract Manager, Cornwall Council

17.15 Chairman's conclusion and close of conference

Registration form

I would like to secure my place at **Energy from Waste 2010** on **24-25 February 2010** at the **Hilton London Metropole**.
(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:

£1100.00 + VAT (£165.00) = £1265.00

Membership of supporting organisations rate –

10% discount off standard delegate rate

Please tick relevant box next to supporting organisation:

£990.00 + VAT (£148.50) = £1138.50

Early Bird rate

(Early Bird booking deadline December 18 2009):

£899.00 + VAT (£134.85) = £1033.85

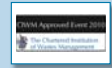
Local Authority rate:

(Must be accompanied by a ".gov.uk" email address)

£700.00 + VAT (£105.00) = £805.00

Exhibition stand booking:

£2500 + VAT (£375.00) = £2875.00



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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 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)

PLEASE COMPLETE AND RETURN TO:

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

FAX BOOKING LINE: 01722 716926 | TEL ENQUIRIES LINE: 01722 717034

ONLINE BOOKING: www.recyclingwasteworld.co.uk/conferences

EMAIL: sarah.b@markallengroup.co.uk

THE 6TH INTERNATIONAL EFW CONFERENCE

Energy from Waste
24-25 February 2010
TOMORROW'S ENERGY TODAY

Booking conditions

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

- 1 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).
- 2 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.
- 3 Bookings may be made by telephone but payment must be made in full by credit card.
- 4 All payments, including credit card, must be in sterling.
- 5 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.
- 6 Payment for any booking made within six weeks of the conference will still be due to the company irrespective of whether the delegate attends.
- 7 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.
- 8 A&D Media Ltd reserves the right to change the conference speakers in cases of illness or other conditions beyond its control.
- 9 A&D Media Ltd does not accept responsibility for loss or damage to delegates' own property and/or personal effects whilst at the conference.
- 10 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.

**Online booking
available now at
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Tel: 01722 717010 Fax: 01722 716926

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Exhibiting at Energy from Waste 2010

Exhibiting at *Energy from Waste 2010* provides an exceptional opportunity for meeting your target audience and networking with a wide range of senior business contacts.

Each year the event is attended by key decision makers from the waste industry, local authorities, the energy and renewables industries, financiers, advisors, technology providers and specifiers.

Exhibitors form an integral part of the event, with stands located in the refreshment areas to enable frequent discussion and visit opportunities during the breaks and lunches, plus a specific exhibition visit time scheduled into the conference programme.

The exhibition package includes:

- A complimentary delegate place
- An exhibition space, 2m x 3m
- Furniture for your stand – a table and two chairs
- Lunch and refreshments with the delegates throughout the conference
- Your company profile and details included in the delegate handbook

To book your stand please complete the order form on the back cover.

VENUE DETAILS

Hilton London Metropole

Edgware Road

London W2 1JU

Web:

www.hiltonlondonmet.com

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The 4-star Hilton London Metropole is one of Europe's largest hotels with a conference centre right in the heart of London. With superb transportation links, the hotel is just 20 minutes from Heathrow Airport to Paddington Station by the Heathrow Express air-conditioned train; and the Hilton London Metropole is an easy ten-minute walk from Oxford Street. The nearest underground station is Edgware Road and Paddington and Marylebone mainline stations are just five minutes away by taxi. The hotel is outside London's Congestion Zone and offers underground parking on site for residents. Charges apply. Delegates will receive a discounted rate on rooms. Usual rate is £189 + VAT, but delegates can book for only £135 + VAT for single occupancy and



£145 + VAT for double occupancy.
Prices are inclusive of breakfast.

When booking your accommodation please quote reference: **GAADM** to receive your discount.

Guests are requested to reserve the bedrooms by e-mail on reservations. londonmet@hilton.com, by telephone calling +44 20 7616 6570 or by using the Personalised Online Group (POG)