

Sponsored by



THE 8TH INTERNATIONAL EFW CONFERENCE
Energy from **Waste**
London
22-23 February 2012
TOMORROW'S ENERGY TODAY

Resource efficiency
Energy delivery

Organised by



TOMORROW'S THINKING TODAY

Why you should attend

With the possibility of a move towards zero waste to landfill quite credible in the longer term, the need for a developed, efficient waste and waste to energy infrastructure has never been greater.

The opportunities for waste derived energy are tremendous, as policies and incentives from both waste and energy government departments drive forward development.

However, these are times of economic uncertainty, with banks still highly risk averse, and the challenges to delivering the optimum resource management and energy recovery infrastructure are considerable.

As the PFI pipeline closed last year, local authorities have had to look to other structures to finance energy from waste projects. In the merchant sector, future projects will tend to be more market driven, primarily financed by the private sector, and focusing considerably more on C & I waste streams.

It is essential to know where the UK is headed in waste and energy terms, how to overcome the hurdles and to identify and maximise market opportunities.

The **Energy from Waste conference 2012** brings together key participants leading the work in waste derived energy.

- Gain an understanding of the developments in UK policy
- Develop an insight into the implications of EU policy
- Discuss with finance leaders the issues that drive successful funding for EfW, both larger projects and smaller
- Explore the increasingly important issue of localism and the planning reforms, so that your project can work with these rather than against them
- Assess the many emerging markets for SRF as a feed stock for a range of low carbon energy markets
- Gain an insight into key emerging sectors of hydrogen production and aviation fuel production
- Catch up with latest developments in heat delivery and gasification

Energy from Waste 2012 enables you to explore the issues critical to your industry with business and organisation leaders, exchange views with opinion formers and network widely with fellow decision-makers. Knowledge keeps you ahead of the pack and at the front of developments. Ensure you don't miss this important event.

Book your place today – it's the future of your business.

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, finance and investment, and many other sectors including;

- Central government policy makers
- Local government waste management officers, planning, finance and sustainability 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, transport, wood and pulp related industries
- Property and urban developers
- Vehicle and transport industries
- Hydrogen development companies

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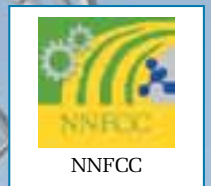
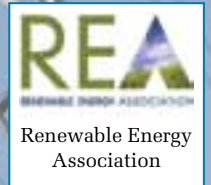
Supporting Organisations

Members of supporting organisations get a 10% discount off the standard delegate rate. See back page for details.

For a full list of the supporting organisations, please see www.efw-london.eu



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



Recycling
& WASTE WORLD
Conferences

Energy from Resource efficiency

22 – 23 February 2012, Cavendish

Day 1, Wednesday 22 February 2012

09.20 Chairman's introduction

Adrian Judge, Director, Tolvik Consulting
Conference Chairman

09.30 International investment, markets and developments for the waste and energy from waste industries

Baldomero Falcones, CEO, FCC

EFW in the wider context of waste and energy policy

09.45 UK waste policy: the broader vision and what this means for energy from waste

Neil Thornton, Director, Climate, Waste and Atmosphere, Defra

10.15 An exploration of European waste policy – where it is heading and the implications for the UK

Speaker invited

10.40 The role of energy from waste within renewable energy policy; strategies, incentives, and deployment

- Organic wastes to energy and development potential
- Objectives of the financial support mechanisms, in particular the RO and EMR, and implications for EfW
- Non-financial barriers and progress on tackling them

Sarah Rhodes, Head, Land-based Renewables, Office for Renewable Energy Deployment, Department of Energy and Climate Change

11.05 The role of the Green Investment Bank and opportunities for EfW

Bruce Duguid, Senior Advisor, Green Investment Bank Team

11.25 Question and answer session

11.40 Refreshments

12.10 Industry discussion – *Is the waste to energy industry which is now emerging the optimum one for the UK's current and future requirements? What is the ideal balance between resource management and energy recovery and will we achieve it? What needs to occur to create a more expansive vision, a way to handle the risks and to avoid the disadvantages of short term fixes?*

Panel guests include:

Steve Lee, CEO, CIWM
Marcus Gover, Director, WRAP
Dr Alan Whitehead, MP for Southampton Test, Parliamentary Co Chair, APSRG
Malcolm Chilton, MD, Covanta
Wayne Hubbard, Chief Operating Officer, LWARB
Dr Nader Bahri, Director, E.ON Energy from Waste

13.10 Lunch and networking

Financing the EFW sector – financial support mechanisms

14.10 Determining biogenic content for the purposes of securing renewable incentives

Dr Chris Manson-Whitton, Head of Biomass, Progressive Energy

14.30 The Renewable Heat Incentive – long term support for renewable heat generation

Fiona Mettam, Head of RHI, DECC

14.40 RHI / RO panel discussion

Panel guests include:

Melville Haggard, Director, Quartermaine Advisors

Oliver More, Bioenergy Manager, OFGEM

Gaynor Hartnell, Chief Executive, Renewable Energy Association

15.10 Refreshments

15.40 Funding large scale EfW plants: considerations in view of developments in the banking sector and beyond, with a particular emphasis on the C&I waste stream

- The funding environment – are we witnessing a paradigm shift?
- Challenges faced by the industry – structuring to achieve a bankable waste project
- The C&I dilemma – are risk averse lenders ready for the challenge?

Nick Forster, Senior Director, BayernLB, Infrastructure Project Finance Team

16.00 Financing models for smaller projects

Nigel Aitchison, Director, Foresight

16.20 Local authority funding challenges, post PFI

Stephen Hazelton, Director, Environmental Finance, Ernst and Young LLP

16.40 Financing discussion - *balancing constrained economics with waste infrastructure requirements – what does it take to ensure delivery of the necessary infrastructure?*

Panel guests include:

Bruce Duguid, Senior Advisor, Green Investment Bank Team

Rolf Stein, CEO, APP

John Burns, Programme Director, WIDP, Defra

Tim Judson, Director of Procurement, North London Waste Authority

17.30 Close of day 1

Exhibition viewing time

17.45 Drinks and networking, sponsored by WRG

Day 2, Thursday 23 February 2012

09.10 Welcome - Chairman's Introduction

Mike Snell, General Manager, External Affairs, WRG,
Conference chairman

Planning developments and the impact of localism

09.20 An overview of planning reforms and what these will mean for energy from waste projects

Mark Plummer, Team Leader Minerals and Waste Planning, DCLG

09.40 London Sustainable Industries Park – a formula for planning success?

- Generating synergies between resource management, energy recovery and associated industries
- Getting community buy-in and achieving planning success – key factors and the lessons that can be learnt

Mark Bradbury, Deputy Director of Development, London Thames Gateway Development Corporation

10.00 Discussion – *localism: hindrance or help? How best to work with on-going planning changes.*

Panel guests include:

James Snape, Partner, Nabarro

Gev Eduljee, External Affairs Director, Sita

Dr. Adam Read, Global Practice Director, Waste Management & Resource Efficiency, AEA

Decentralised heat delivery

See www.efwlondon.eu for further programme details

Waste 2012

– energy generation

British Conference Centre, London

Sponsored by



- 10.30 **Implementation of heat delivery – overcoming the challenges for wider community benefits**
Paul Carey, Managing Director, MVV Environment Ltd
- 10.45 **Bio-SNG as an alternative renewable energy vector**
- Bio-SNG production from waste derived fuels – technical synopsis and optimising efficiency
 - Bio-SNG in renewable heat delivery – rationale, market size, and development vision
 - Quality, technical and regulatory issues
 - How Bio-SNG complements biomethane from AD.
- Phillip Cozens, Head of Technology Development, Progressive Energy Ltd.

11.00 Q and A session

11.30 Refreshments

SRF – market development

12.00 SRF – drivers and hurdles for market development

- Development of a trading market and SRF brokering
 - Quality controls and their implications
 - Changes to WID and what this will mean for EfW, including co-firing
- Ian Goodfellow, Managing Director, Shanks Waste Management

12.20 Discussion – SRF - the low carbon fuel option for high energy using industries

Panel guests include:

- Julian Watts, Energy Projects Manager, Ineos Chlor
Will Spurr, Project Director, WRG
Dr Nader Bahri, Director, E.ON Energy from Waste
Phillip Cozens, Head of Technology Development, Progressive Energy Ltd.

13.00 Lunch

Project delivery

14.00 Understanding the risks/benefits of EPCM for EfW schemes

Mike Hession, Technical Director, SLR Consulting Ltd and Joern Franck, Engineering Manager, Born & Ermel

14.20 AD investment, technology and infrastructure

- Lessons learnt from on-going projects; key information sources and reference projects for increased industry profitability
 - Objectives of the AD loan fund, opportunities and criteria for applications
 - Interaction with other organisations, opportunities for exchange of innovation between industries
- Claire Henson, Acting Programme Area Manager, WRAP

14.40 Question and answer session

14.50 Refreshments

Increasing resource, energy and technology efficiencies -transport fuel

15.10 Waste biomass to vehicle fuel

Jeremy Tomkinson, CEO, National centre for biorenewable energy, fuels and materials

15.30 Waste biomass to Jet Fuel - Solena's BTL Solution

Robert Do, CEO and President, Solena / Brian Miloski, CFO, Solena

15.50 Transport fuel discussion *Can the use of waste as aviation fuel provide optimum carbon savings? Is this a realistic option in economic and technical terms?*

With panel guest

Jim Davies, Fuel Operations Manager, British Airways

-landfill mining

16.10 High thermal technologies to reap rewards from landfill mining

- An examination of the Gasplasma® technology and its use in energy and resource recovery from landfill sites
- Use of the outputs – electricity, heat, Plasmarok®, recyclables
- Carbon and value comparisons – quantification in carbon, cost and resource terms of what is to be gained using this system

Chris Chapman C Eng, MSc, BSc, Chief Technical Officer, APP

-hydrogen production

16.30 Energy from waste – a technology evolution

- Air Products' energy vision
- The benefit of gasification as an energy from waste technology
- Air Products' project development in energy from waste
- Future potential for generation of renewable hydrogen using energy from waste technologies

Chris Kretz, Global Bio-energy Markets Manager, Air Products

16.50 Waste to hydrogen, questions and discussion - *At what point will the use of waste for hydrogen production become a realistic market proposition?*

17.10 Chairman's conclusion

17.15 Close of conference

Site visits

Two optional site visits on Friday 24 February.

Environmental Power International UK Ltd (EPI UK), is a UK provider of pure pyrolysis technology. They have their commercial demonstration plant in Mitcham, South London.

Lakeside Energy from Waste plant in Slough, near Heathrow, is an award winning EfW plant and a joint venture between Grundon and Viridor.

See www.efwlondon.eu for full details

Breakfast seminar sessions

Two optional seminar sessions

Wednesday 22 February – 08.00 – 09.00

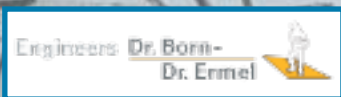
Technology development
Energy Technologies Institute

Thursday 23 February – 08.15 – 09.00

UK Trade and Investment - Developing UK trade in the energy from waste sector

See www.efwlondon.eu for full details

Currently exhibiting



Exhibiting at Energy from Waste 2012

Exhibiting at Energy from Waste 2012 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 renewable 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
- A ¼ page advertisement in the delegate handbook to maximise your presence
- A further delegate place at half price if required

For full exhibition details, please see www.efwlondon.eu

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

Venue details

Cavendish Conference Centre
 22 Duchess Mews
 London
 W1G 9DT

Tel: +44 (0)20 7637 5526

By Underground

Oxford Circus Underground Station (Victoria, Central, & Bakerloo Line) is 5 minutes walk away. Take Exit 4 on leaving Oxford Circus station, walk North up Regent Street and you will pass the Langham Hotel on your left and BBC Corporation House on your right. Turn left into Duchess Street and almost immediately you will see Duchess Mews on your right hand side, where our sign is clearly displayed at the end of the Mews on the left. Alternatively Duchess Street is the 5th turn left when you have left Oxford Circus Tube Station and have started to walk North up Regent Street.

By Rail

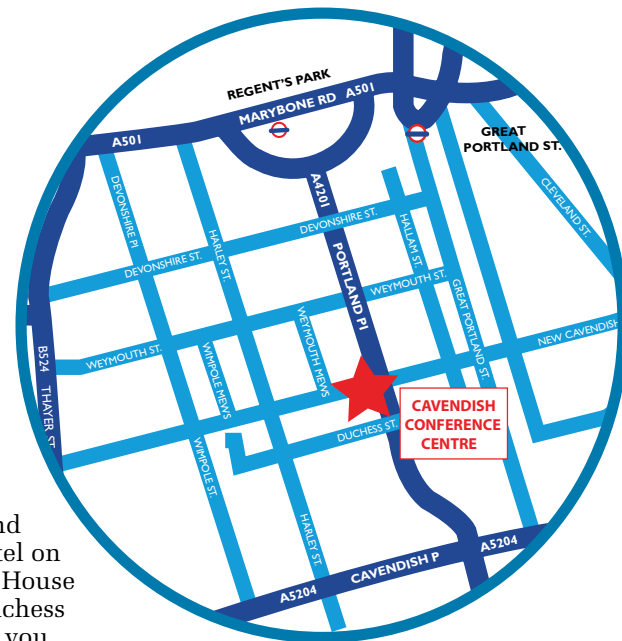
Marylebone, Euston and Kings Cross St Pancras Stations are all within 10 minutes taxi rides or alternatively 15 minutes by Underground. Paddington Station (which has a direct link to

Heathrow every 15 minutes) is 20 minutes walk or 10 minutes in a taxi.

By Car

On street Pay & Display parking is available outside the Conference Centre; otherwise there are NCP car parks, as listed below, all within 5 minutes walk of the venue:

- Weymouth Mews
- Chandos Street
- Cavendish Square



Online booking available now at:

www.efwlondon.eu

Telephone enquiries: +44(0)1722 717031

Fax no. +44(0)1722 716926

Ways to book: online at: www.efwlondon.eu	Booking line: +44 (0)1722 717031/33	Cheque: to the address below	Fax: +44 (0)1722 716926	Request an invoice
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Your Details:

(Photocopies of this form accepted).

Title (Dr, Mr, Mrs etc)

Forenames

Surname

Job title

Company name

Company address

Post code

Telephone

Email

Dietary requirements

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

Signature

Date

Conference Rates Please tick the box as applicable

CONFERENCE RATES

Delegate rate **£1250 + VAT = £1500.00**

Early bird booking (before 16th Dec) **£899 + VAT = £1078.80**

Supporting organisation rate:

CIWM CEWEP LCE **£1125+ VAT = £1350.00**

CHPA REA ESA NNFC FEAD UK HFCA

Local authority rate **£700 + VAT = £840.00**

EXHIBITING AT ENERGY FROM WASTE 2012

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

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

Exhibition stand **£2500.00 + VAT = £3000.00**

Value added tax; UK Customs & Excise specify that all conference participants must pay VAT at its current rate of 20%

Payment Details:

• I wish to pay by Credit Card

Please debit my Visa Mastercard Maestro American Express

Card no

Valid from Expiry date

Issue no (Maestro cards only) 3 digit security code

Signature

Date

• Cheque

Make your cheque payable to A&D Media Ltd

• Invoice

Requesting an invoice and signing this form will secure your place at the conference. All invoices must be paid in full before the event. See booking condition 5.

If you have authorisation from your trust/department to attend this event and require an invoice, please provide the correct billing address or shared services address (including the relevant payable codes) and a purchase order number. We are unable to process any bookings without this information. We are unable to send out invoices to home addresses.

PLEASE COMPLETE IN FULL WITH CONTACT NAME IF DIFFERENT FROM ABOVE

PO Number

Contact

Full invoice address

Post code

Telephone

Signed

Conference fee includes

Entrance to the conference, lunch and refreshments, full conference documentation.

Confirmation of booking

All bookings will be confirmed by email, unless otherwise stated. Please contact us if you have not received your confirmation 5-7 days after submitting your booking.

- I am interested in attending the site visit
- I am interested in attending the breakfast seminar
 - Wednesday
 - Thursday

Exhibition and Sponsorship

If you are interested in exhibiting or sponsoring this event contact Julia on: julia@markallengroup.co.uk

The Venue

**Cavendish Conference Centre
 22 Duchess Mews, London W1G 9DT
www.cavendishconferencevenues.co.uk/west-end-conference-venues/**

A map of the venue will be sent with your booking.

How did you hear about the conference?

- Direct mailing
- Email
- Recommendation
- Recycling & Waste World website
- Other website (please specify) _____
- Advert in magazine (please specify) _____
- Other (please specify) _____

Booking conditions

A&D Media Ltd (The Company) accepts bookings under the following conditions:

- 1 Returning the signed registration form constitutes a firm booking.
- 2 The Company 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
- 3 Written cancellations received six weeks prior to the conference will be accepted and a refund less a 10% administration fee 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. Substitute delegates are welcome at any time.
- 4 A&D Media Ltd reserves the right to make changes to the speakers and programmes without prior notice. Speakers approached at time of print.

Full terms and conditions can be viewed at: www.recyclingwasteworld.co.uk/conf_terms.shtml

For more information visit www.efwlondon.eu
 or telephone: +44 (0)1722 717031/33 email: events@markallengroup.co.uk

Please return to: Conference Bookings, A&D Media Ltd, Jesses Farm, Snow Hill, Dinton, Wiltshire, SP3 5HN, UK

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.
 £ Yes, I would like to receive carefully screened and work-related information from third parties.