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Organised by
**Recycling
& WASTE WORLD**
conferences

Developing Welsh Biogas 2009

Wednesday 15 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

Anaerobic Digestion would seem to offer the perfect closed loop sustainable solution for our waste. It is treated in a closed environment ensuring no uncontrolled emissions, noise or odour; it produces energy to power processes and systems; it can generate both electricity and heat; it can provide a fertiliser to assist with crop growing or fuel to power vehicles and any excess can be transferred back to the grid as renewable energy. This is not a new system and has been used the world over for many years but declining stocks of fossil fuels, along with increasing energy demands and our desire for a "greener", sustainable lifestyle have all increased our demand for renewable energy.

The Welsh Assembly Government has provided £26m for Local Authorities to invest in the provision of biogas from waste. It is hoped that 600,000 tonnes of food waste will be collected each year from homes and businesses for treatment by Anaerobic Digestion to generate around 1% of Wales' electricity. This investment not only provides energy but helps to encourage investment in Welsh companies, provides new employment, and reduces the overall amount of waste sent to landfill.

Developing Welsh Biogas looks at the potential of AD in Wales for industry, Local Authorities, the farming community and transport.

The programme covers:

- Funding and policy issues surrounding the implementation of AD systems
- Planning and delivery considerations for Local Authorities
- Food waste collections and securing long-term volumes of feedstock
- The creation of farming co-operatives to achieve major economic benefits
- Transport opportunities
- Increasing profits, decreasing landfill and reducing the use of fossil fuels

This is a rapidly evolving industry and this event provides an ideal opportunity for networking and discussion with key leaders, decision makers and industry experts. It provides essential information for all involved in the waste and energy sectors featuring planning and funding issues as well as significant case studies. Book your place now – you can't afford to miss it!

Who should attend

- Senior waste and environmental officers in Local Authorities
- Climate change and carbon management officers in Local Authorities
- Central government planners, advisors and policy makers in energy, agriculture, waste management and climate change departments
- Senior management in the waste industry
- Senior CSR, technology, energy and environmental management from food processing industries, food retailers and the catering industries
- Farmers, landowners and agricultural advisors and developers
- Technology developers, manufacturers and agents
- Environmental consultants
- Climate change and energy advisors and consultants
- Energy and utility companies
- Water and sewage companies
- Organisations considering renewable energy sources and fuels
- The recycling industries
- Technical and academic personnel
- Engineering and contracting companies
- Financial institutions and investment houses
- Biomass producers
- Renewable energy and fuel suppliers
- Research and academic organisations

Developing W

Wednesday 15 July 2009, A

08.45 **Registration**

09.15 **Welcome**

Tom Freyberg, Editor, Recycling & Waste World magazine

09.20 **Introduction of Minister**

Richard Gueterbock, Director, Clearfleau Limited, Conference Chairman

09.25 **Minister for Environment Sustainability and Housing, Welsh Assembly Government**

Jane Davidson

09.45 **Questions to the Minister**

Policy, planning and finance

09.55 **AD – Opportunities for Wales**

- Overview of the AD process
- Potential for AD in Wales
- Model Plant

Edmund Bailey, Carter Jonas LLP

10.15 **Shaping the future for AD in Wales**

- What does AD have to offer? Which targets will this technology help us meet and what do we need to do to overcome any remaining barriers
- What does AD have to offer?
- Funding for AD – in Wales and in the rest of the UK
- Securing markets for AD – Quality standards and making them work

Nina Sweet, WRAP

10.35 **Successful delivery of waste procurement**

- Planning for success
- The importance of a Business Case
- Procurement – strategy and delivery
- Resources and stakeholder support
- Long term management

Hazel Nickless, Partnerships UK

10.55 **Questions & Answers**

11.10 **Refreshment Break and Exhibition Viewing**

11.40 **Planning**

(Speaker TBA)

12.00 **Local Authority food collection - Case Study (Rhondda Cynon Taf)**

Nigel Wheeler, Rhondda Cynon Taf CBC

12.20 **Barriers to developing commercial biogas plants**

- How securing long term volumes of waste is a key enabler to unlocking commercial AD development
- The importance of markets for liquid and solid digestate
- How policy makers and stakeholders could assist in overcoming this barrier

John Scott, InSource Energy Ltd

Welsh Biogas

All Nations Centre, Cardiff

12.40 Questions & Answers

13.00 Lunch and Exhibition Viewing

13.45 Challenging communications – Case study

- Why effective communication is key to managing any opposition, or misconceptions about the introduction of new waste facilities
- What elements of a communications plan should be developed and when
- Case Study – how a communications plan was drawn up and implemented as part of the pathfinder procurement project with Rhondda Cynon Taf and Merthyr Tydfil Councils

Brian Mayne, Hyder

14.05 Muck to Magic - achieving the best returns for AD

- What are the options for energy sales; gas, electricity, heat?
- ROC's or Feed in Tariff - what's best for AD
- Economic rules of thumb - current financial returns for AD

Tim Foster, SmartestEnergy

14.25 Engaging farmers in Anaerobic Digestion

- The co-operative approach
- The creation of Energy Farms
- Economic impacts on farmers

Keith Richardson, Community Renewable Energy

14.55 Questions & Answers

15.10 Refreshments and Exhibition Viewing

15.25 Bio-methane – a practical alternative to fossil fuel?

- Biogas upgrading - basic principles
- Biomethane - fuel tank or grid?
- Transport opportunities, incentives and barriers

Mike Woollacott, Managing Director, Greenwatt Technology

David Martin, Greenwatt Technology

15.55 The Westwood food waste digester in Northamptonshire

- Anaerobic digestion – the process
- The input – food waste
- The outputs – energy & digestate
- Government policy

Michael Chesshire, BiogenGreenfinch

16.25 Chairman Close

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.

Registration form

I would like to secure my place at **Developing Welsh Biogas 2009 on Wednesday 15 July 2009 at All Nations Centre, Cardiff, CF14 3NY** (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 *Developing Welsh Biogas 2009*, Wednesday 15th 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 *Developing Welsh Biogas*, Wednesday 15 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

- a) Motorway approach from the West – leave at junction 32 then follow directions below.
- b) 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:

- 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.



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www.recyclingwasteworld.co.uk/conferences