

Recycling
& WASTE WORLD
conferences

In Association with



**SPECIAL
RATES FOR
FARMERS**

On-Farm Energy Generation

*Securing revenue streams
from land based energy*

Tuesday 22nd and Wednesday 23rd June 2010
Stoneleigh Park Conference Centre,
Coventry, Warwickshire

TOMORROW'S THINKING TODAY



WHY YOU SHOULD ATTEND

On-Farm Energy Generation is an area that is receiving a great deal of interest as the agricultural sector increasingly looks towards alternative resources to maximize the return from their land. It is becoming more and more attractive as more incentives become available, and the ever topical issue of carbon reduction is further putting the spotlight on sustainability.

Farmers have a huge potential resource pool at their disposal, and this conference is designed to give the agricultural sector guidance on how to capture other means of revenue from their land base. As pressures for a secure de-centralised approach to energy generation increase, the onus is shifting towards small scale on-farm energy to ensure the UK's energy security.

On-Farm Energy Generation provides a detailed analysis of government policy, incentives, planning, technological advancements and financing. The event will enable farmers to gain valuable information on the range of technologies available for on-farm energy generation, as well as other issues that will influence investment decisions. Also, in the immediate aftermath, of the general election, it will provide an opportunity for policy makers and politicians to update the industry on the new government's aspirations for the renewable energy sector.

WHAT YOU WILL GET FROM THIS CONFERENCE

- Analysis of government policy and what this means for the developing renewable energy industry within agriculture
- An understanding of the financial incentives and support mechanisms, and how will these affect risks and revenue
- An in-depth analysis of Anaerobic Digestion
- How to formulate a business plan and secure additional revenue streams
- Dealing with digestate, meeting the standards, looking at digestate as a product not a waste
- Practical knowledge on planning, set-up, costs, ROI and outputs
- Gain valuable information on the range of technologies available for on-farm energy generation
- An insight into the rapidly growing wind energy market
- Introduction to solar, biomass and hydropower
- Why retailers are turning to small scale energy generation as a source of green energy
- Case studies from local farmers who have successfully adopted renewable energy schemes
- Communications, planning considerations and how to gain financing
- The role of small scale producers to large firms, selling your excess power

On-Farm Energy Generation addresses the issues that are critical to the development of renewable energy sources on farms. With plenty of time built in for questions and discussions, and with debate panels featuring experts in their fields, **On-Farm Energy Generation** brings you the analysis, information, discussion and networking opportunities that are essential for the development of renewable energy on farms, and therefore the development of your farm.

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

www.recyclingwasteworld.co.uk/conferences

WHO SHOULD ATTEND

- Farmers
- Estate Managers
- Landowners
- Agricultural Advisors and Developers
- Environmental Consultants
- Machinery Producers
- Technology Providers
- Plant Operators
- Site Managers
- Anyone interested in renewable forms of energy

SUPPORTING ORGANISATIONS

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

*RASE members receive 20% off.



EXHIBITION OPPORTUNITIES

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

If this appeals to your company please contact 01722 717031 or email events@markallengroup.co.uk

See back page for further details.

On-Farm Energy Generation

Securing revenue streams from land

Stoneleigh Park, Warwickshire, 22-23 June 2010

Tuesday 22 June 2010

09.10 – 09.15 **Welcome**

Jon Benson, Publishing Director,
Recycling & Waste World

CO-CHAIRS: Richard Gueterbock, Trustee, RASE, Director, Clearfleau
Denis Chamberlain, MBE FRAGS, Communications
Consultant

09.15 – 09.30 **Introduction**

Richard Gueterbock, Conference Co-Chairman

09.30 – 10.00 **Keynote address: Renewable energy from an agricultural perspective**

Speaker to be announced after the election

10.00 – 10.20 **The role of agriculture in an energy reliant and de-carbonising world**

- averting energy crisis. Agriculture's role in energy security
- opportunities for farming
- the stance of the NFU

Dr Jonathon Scurlock, Chief Policy Advisor, NFU

10.20 – 10.40 **Renewable Energy Strategy: Making sense of incentives for the farming sector**

- government objectives, energy targets
- feed in tariffs applicable to small scale energy projects
- an update on the RHI, is heat an option for farming?

Government speaker to be announced after the election

10.40 – 11.00 **An industry analysis of the feed-in tariffs; impact for farmers**

- building FITs into a business model
- feasibility studies
- optimising return
- other incentives
- further considerations

Chris Plackett, Commercial Director, Farm Energy

11.00 – 11.15 **Question and Answer Session**

11.15 – 11.45 **Refreshment Break**

ANAEROBIC DIGESTION

11.45 – 12.05 **Technical update, the role of AD for agriculture**

- what do Government incentives mean for farmers
- FITs, ROCs and RHIs
- applying the technology on-farm

Michael Chesshire, Technical Director,
BiogenGreenfinch

12.05 – 12.25 **Bringing small scale AD to UK farmers**

- the potential of on-farm AD in the UK
- identifying the benefits
- making the incentives work

Dr Prab Mistry, Principal Consultant, AEA Group

12.25 – 12.45 **Learning lessons from small scale on-farm AD in Germany**

- on-farm anaerobic digestion in Europe
- increasing efficiency through private ownership
- incorporating training into the planning process

Ute Koners, Project Manager, MT Energie

12.45 – 13.00 **Question and answer Session**

13.00 – 14.10 **Lunch, networking and exhibition viewing**

Denis Chamberlain, Conference Co-Chairman

AD – REGULATION

14.10 – 14.35 **Regulatory and permitting issues: The facts**

- AD versus other technologies
- regulating the AD plant
- what about different feedstocks?
- use of the biogas and the digestate

Viv Dennis, Policy Advisor (Biowaste),
Environment Agency

14.35 – 15.00 **Case study: Overcoming the hurdles to success**

- experiences gained from setting up an AD system
- planning – issues and attitudes
- grid connection – meeting grid standards
- ROCs – understanding the legislation

Colin Risbridger, Orkney Farmer

15.00 – 15.10 **Question and answer session**

15.10 – 15.40 **Refreshment Break**

AD – FEEDSTOCK AND DIGESTATE

15.40 – 16.00 **Input analysis: Getting out what you put in - securing high quality feedstock**

- wider resource availability and competitiveness issues
- sourcing and securing feedstock – Is there a role for energy crops, and if so, what?
- getting the balance correct

Paul Pickford, Masstock Arable

16.00 – 17.00 **DIGESTATE, INDUSTRY DISCUSSION** **In-depth analysis of the key issues surrounding digestate, industry presentations followed by debate open to the floor**

Panel guests:

- WRAP, Meeting standards and PAS110
- Audrey Litterick, Senior Environmental Consultant, Earthcare Technical, Factoring digestate into a nutrient management plan
- Major supermarket, The buyer's perspective
- The REA, Digestate as a product, not a waste

eration and based energy

**SPECIAL
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FARMERS**

Wednesday 23 June 2010

08.50 – 09.10 **Coffee and Registration**

09.10 – 09.20 **Update from Day 1**
Denis Chamberlain, Conference Co-Chairman

09.20 – 09.50 **Keynote address:**
Speaker to be announced after the election

PLANNING AND COMMUNICATION

09.50 – 10.10 **Energy strategies for rural business**

- identifying drivers
- optimising your resources
- opportunities

Oliver Harwood, Chief Surveyor, CLA

10.10 – 10.30 **On-farm energy from a planners perspective**

- starting a planning application – the process and costs involved
- sizing up the options – is my land suitable?
- issues surrounding planning applications
- overcoming hurdles

Richard Frost, Associate Director, Savills

10.30 – 10.50 **Communication is the key, swaying public opinion**

- dealing with NIMBYS
- becoming a part of the local community
- thinking outside the box

Sam Schofield, Director, PPS Group

10.50 – 11.10 **Best practice – keeping the digester safe**

- working with biogas
- implementation considerations
- mitigating the risks

Dr Les Gornall, Independent Consultant

11.10 – 11.20 **Question and answer session**

11.20 – 11.45 **Refreshment Break**

BIOMASS

11.45 – 12.05 **Demand for renewables – implications**

- biomass crops available in the UK
- increasing biomass cultivation
- addressing issues restricting cultivation

Julian Bell, Head of Rural Business, SAC

12.05 – 12.25 **Biomass – how does it work?**

- suitable feedstocks for on-farm biomass heating
- introduction to boiler technology
- fuel storage
- operation and maintenance

Fiona McDermott, Business Research Officer, NNFCC

HYDRO POWER

12.25 – 12.45 **Making the most of every resource, introduction to hydropower**

- the potential of hydroelectric power
- maximising the incentives
- plant expectations

International Hydropower Association

12.45 – 13.00 **Question and answer session**

13.00 – 14.00 **Lunch, networking and exhibition viewing**
Richard Gueterbock, Conference Co-Chairman

WIND ENERGY

14.00 – 14.20 **Wind energy – issues and successes**

- maximising your resource base
- accelerating return from incentives
- project scale considerations
- unexpected hurdles to development

Alex Murley, Head of Small Systems, Renewable UK

14.20 – 14.40 **Case Study: On-farm wind energy**

- a strategic approach
- incorporating energy generation into a business plan
- successes and failures

Maitland Mackie, Entrepreneurial Farmer

SOLAR POWER

14.40 – 15.00 **Opportunities from solar energy**

- introduction to solar PV
- costs, returns and time scales
- case study

Martin Cotterell, Managing Director, Sundog Energy

15.10 – 15.25 **Question and answer session**

15.25 – 15.40 **Refreshment Break**

STRATEGICAL ISSUES – FUNDING/CONNECTION

15.40 – 16.00 **Sourcing power from small scale energy providers**

- current policies
- the role for small scale producers to large firms
- the retailer's commitment

Major Retailer

16.00 – 16.20 **Selling generation output**

- power purchase arrangements
- structures for renewable projects
- risks, returns and benefits
- supplier management

Mark Knights, Head of Business Development, Smartest Energy

16.20 – 16.40 **The banking perspective – fundamental considerations**

- funding opportunities
- what type of project can be funded
- planning and foresight is the key

James O'Mahony, Head of Agribusiness, Clydesdale Bank

16.40 – 17.00 **Summing up, further considerations and the future**
Peter Jones, Chair, Waste Infrastructure Advisory Group, Advantage West Midlands

17.00 **Question and answer Session**
Chairman's conclusion and close of conference



Exhibiting at *On-Farm Energy Generation*, 22nd-23rd June 2010

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

Cost £1250 + VAT = £1468.75

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 throughout the conference
- Your company profile included in the delegate pack, with contact details

I wish to book an exhibition stand at *On-Farm Energy Generation*, 22-23 June 2010

Payment and booking details – please complete the registration form opposite

How to get to the venue

Stoneleigh Park, Near Coventry, Warwickshire CV8 2LZ
Tel: 024 7669 6969 www.stoneleighpark.com

Stoneleigh Park is situated close to the M1, M40, M42, M45, M6 and M69.

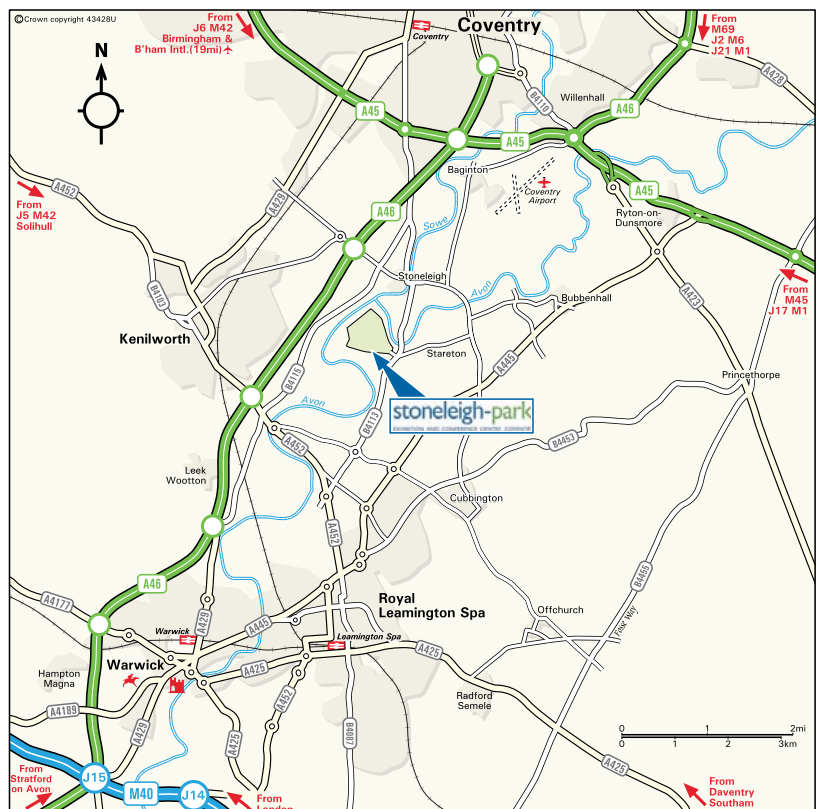
There is ample free car parking on site.

For full directions please visit www.stoneleighpark.com/directions/index.asp

Accommodation

Hotel accommodation is available on site at Stoneleigh Park Lodge. Tel: 024 7669 0123
www.stoneleighparklodge.com

Quote 'Recycling and Waste World Conference' for a reduced rate. Rooms are limited and available on a first come, first served basis.



Registration form

I would like to secure my place at **On-Farm Energy Generation 22-23 June 2010 at Stoneleigh Park Conference Centre, Warwickshire.** (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 £299 + VAT = £351.33

Farmer's rate: £125 + VAT = £146.88 (Land Holding Number must be supplied to qualify for this rate)

Land Holding Rate: CPH / /

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

Farmer's Weekly Farming Futures AfOR CLA BHA NFU Farming Energy

Supporting organisations membership standard rate: £269.10 + VAT = £316.19

Supporting organisations membership farmers rate: £112.50 + VAT = £132.19

20% Discount for RASE Members

RASE Farming Members: £100 + VAT = £117.50

RASE Non-Farming Members: £239.20 + VAT = £281.06

Early bird booking (Must book by Friday 7th May 2010): £250 + VAT = £293.75

Exhibition stand booking £1250 + VAT = £1468.75

Total: £

Booking for On Farm Energy Generation 22-23 June 2010

Please refer to our website www.recyclingwasteworld.co.uk/conferences and download the conference brochure, which provides full program and booking details for delegates and exhibitors or refer to www.rase.org.uk

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 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

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 717031 EMAIL: events@markallengroup.co.uk

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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conferences](http://www.recyclingwasteworld.co.uk/conferences)**