On-Farm Energy Generation 2011
Securing revenue streams from land based energy

22nd and 23rd June 2011, Stoneleigh Park, Warwickshire
WHY YOU SHOULD ATTEND
Interest in farm based renewable energy has surged in the past year, and 2011 is set to see many more exciting developments, as the agricultural sector is increasingly looking towards alternative resources to maximise 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.

The rural population is well place to capitalise on ‘free’ energy sources providing the opportunity to diversify to new income streams and a real chance to demonstrate a positive message that the rural community can produce energy for the country through environmentally low impact renewable energy solutions.

Farm land and buildings are ideal locations for generating energy from a wide range of sources but while landowners can reap the financial rewards that renewable energy brings it is equally important that people get the right advice to protect their assets.

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.

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 will affect risks and avenue.
• An in-depth analysis of Anaerobic Digestion
• How to formulate a business plan and secure additional revenue streams
• Practical knowledge on planning, set-up, costs 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 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, 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!

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.
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Wednesday 22nd June 2011, Stoneleigh Park, Warwickshire

09.00 – 09.30 Doors Open
09.30 – 09.40 Welcome Richard Gueterbock, Director
Clearfleau

Conference Chairman

09.40 – 10.05 Agriculture in the low carbon community
• Climate change, food and energy security
• Wide choice of renewable energy technologies
• Growing range of financial incentives
• Need for consistent government policy support
Jonathan Scurlock, Chief Advisor, Renewable Energy and Climate Change, NFU

10.05 – 10.20 Feed-in-Tariffs
• CLA view of the opportunities with FITs
• What the emergency review will mean for land managers
Renewable Heat Incentive
• What it means and how land managers might benefit
Henry Robinson, Vice President, CLA

10.20 – 10.40 Question and Answer Session

10.40 – 11.15 Refreshment Break

11.15 – 11.35 Making the most of the renewable energy boom
• What technology fits my farm
• Process and costs
• Financial Returns
Duncan Brewer, Associate Director, Savills

11.35 – 11.55 Making the Project Happen – 10 Things that will make your project a success
• A Structured Approach to Assessing Your Project
• Your Key Drivers for Success
• Practical Guidelines and Benchmarks

11.55 – 12.15 Selling to the grid
• Making the most of energy produced
• Power Purchase Agreements
• Risks, returns and benefits
Juliet Davenport, Chief Executive, Good Energy

12.15 – 12.40 The Small-Scale AD Challenge for Farming
• Case Study Overview
• Key Barriers
• Benefits of AD
Angie Bywater, Author, RASE Review of AD Plants on UK Farms

12.40 – 12.50 Question and Answer Session
12.50 – 13.50 Lunch

13.50 – 14.10 A practical look at the problems, issues and benefits raised when considering building an on farm AD plant including....
• Choosing a partner
• Managing the procurement and construction phase
• Gearing up to run an AD plant
With first hand illustrations of what can go wrong and how to prevent problems in the first place
Will Kirkman, Managing Director, Burdens Energy

14.10 – 14.30 Case Study – Developing a DIY 300kw on-farm AD plant
• Experiences gained in taking an AD plant to commissioning

14.30 – 14.50 Case Study - The Walford Farm Anaerobic Digester - 17 years and still learning
• Farm-Scale anaerobic digestion
• Operation and management of the Walford Farm digester
• Opportunities & threats of running a farm-scale digester
• Costs and benefits of the Walford Farm Digester
Jon Parry, Director of Skills and Business Development, Walford and North Shropshire College

14.50 – 15.00 Question and Answer Session

15.00 – 15.30 Refreshment Break

15.30 – 15.50 Digestate, quality, value and usability
• Why use digestate?
• Nutrient contents and agronomic value
• Digestate standards and regulations
• Are there any restrictions on its use?
• Building confidence in digestate use
• WRAP / Defra field trials
• The farm assurance view
David Tompkins, Agriculture Sector Specialist, WRAP

15.50 – 16.10 Keeping the digester safe
• H2S and confined spaces
• Explosions
• Slurry Pollution
• Adopt Safe Ways of working
• Hot Permits
• RAMS
Les Gornall, process and sustainable energy consultant, Independent Consultant, Biomass PROJEN Plc

16.10 – 16.20 Question and Answer Session

16.20 – 16.40 Biomass – An overview
• Suitable feedstocks and energy crops available in the UK
• Boiler technology
• Fuel Storage
• Operation and maintenance
Dr Geoff Hogan, Information Officer, Biomass Energy Centre

16.40 – 17.00 Biomass – What fuel suits who and why?
• How to choose a biomass system
• Pros and cons of the different fuel types
• Fuel Storage
Richard Collins, Group Biomass Manager, Countrywide Farmers Plc

17.00 – 17.20 Case Study – Becoming a green convert
• What goes on at Manor Farm Wadswick.
• Our Biomass heating system
• Fuel source
• Miscanthus
• Pros
• Cons
Tim Barton, Wadswick Country Store

17.20 – 17.30 Question and Answer Session

17.30 Summing up and close of conference
Conference Chairman
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>09.00 – 09.10</td>
<td>Doors Open</td>
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<tr>
<td>09.10 – 09.20</td>
<td>Welcome, John Reynolds, Non-Executive Director, Farmway Ltd and AgriFood Chaines Partnership</td>
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<td>09.20 – 09.40</td>
<td>Financing on-farm renewables, James Sutcliffe, Senior Manager, Renewable Energy Team, The Co-operative Bank</td>
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<td>09.40 – 10.00</td>
<td>The legalities of renewables, Sonya Bedford, Head of Renewable Energy, Stephens Scown Solicitors</td>
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<td>10.00 – 10.20</td>
<td>Are you likely to be granted planning permission, Gillian Pawson, Director, GP Planning</td>
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<td>10.20 – 10.40</td>
<td>Encouraging Energy Generation on Farms, Mervyn Bowden, Head of Energy Management, Marks &amp; Spencer Plc</td>
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<td>10.40 – 10.50</td>
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<td>10.50 – 11.20</td>
<td>Refreshment Break</td>
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<tr>
<td>11.20 – 11.40</td>
<td>An Introduction to Hydro Power, David Williams, Chief Executive, British Hydro Power Association</td>
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<td>11.40 – 12.00</td>
<td>Installing Run of River Micro Hydropower, site selection &amp; getting advice, Anthony Battersby, Director, River Energy Networks</td>
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<td>12.00 – 12.20</td>
<td>Community Renewable Energy Co-Operatives, A real opportunity for landowners, Jon Halle, Director, Sharenergy</td>
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<td>Case Study – Community Wind Power, Westmill Wind Farm Co-operative, Why Community ownership is such a good idea, Adam Twine, Westmill Farm and Farm</td>
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<td>14.00 – 14.20</td>
<td>Opportunities from Solar Power, Paul Cottington, SW Environment Advisor, NFU</td>
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<td>14.20 – 14.40</td>
<td>Solar PV – A brighter balance sheet??, Gareth Williams, Caplor Energy</td>
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<td>14.40 – 15.00</td>
<td>Martin Cotterell, Managing Director, Sundog Energy</td>
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<td>Refreshments</td>
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<td>15.40 – 16.00</td>
<td>On-farm wind energy, Bill Jackson, Business Development Manager, Aeolus Power</td>
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<td>16.00 – 16.20</td>
<td>Case Study: Dewlay Cheese On-farm wind energy, Chris Porter, Director WindProspect</td>
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<td>16.20 – 16.40</td>
<td>A commercial comparison of small, medium and large wind turbines on a typical UK farm, Laurence Duncan, Finance Director, Ice Renewables Limited</td>
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<td>17.00 – 17.10</td>
<td>Summing Up – Conference Chairman</td>
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I would like to secure my place at On-Farm Energy Generation 2011, 22-23 June 2011 at Stoneleigh Park Conference Centre, Warwickshire. (Photocopies of this form accepted).

Title .........................................................Surname .........................................................
Forenames..............................................................................................................................
Job Title.................................................................................................................................
Company Name .....................................................................................................................
Address ..................................................................................................................................
Postcode .................................................................................................................................
Tel. ...........................................................................................................................................
Email ........................................................................................................................................
Dietary requirements ................................................................................................................

How did you hear about this conference?

CONFERENCE RATES

Standard delegate rate £299 + VAT = £350.80
Farmer’s rate: £125 + VAT = £150 (Land Holding Number must be supplied to qualify for this rate)
Land Holding Rate: £219.90 + VAT = £267.04
20% Discount for RASE Members
RASE Farming Members: £100 + VAT = £120
RASE Non-Farming Members: £219.90 + VAT = £267.04
Exhibition stand booking £1250 + VAT = £1500
Total: £

Booking for On Farm Energy Generation 2011, 22-23 June 2011
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 ......................................................................................................................................
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Issue no (Maestro cards only) 3 digit security code
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I understand that this registration form is subject to the booking conditions.

Signed ......................................................................................................................................Date .........................................................

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.

INVOICE DETAILS

PLEASE COMPLETE IN FULL IF DIFFERENT FROM ABOVE

Contact ....................................................................................................................................... 
Company ...................................................................................................................................
Full address ................................................................................................................................
Post code. ...................................................................................................................................
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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, tick here.

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

Online booking available now at www.recyclingwasteworld.co.uk/conferences
Exhibiting at On-Farm Energy Generation 2011, 22nd-23rd June 2011

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

Cost £1250 + VAT = £1500

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


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.