



Composting & Anaerobic Digestion
Association of Ireland

National Composting and Anaerobic Digestion Conference

“NEW DIRECTIONS & IMPLICATIONS”

8th September 2014
Killashee House Hotel, Naas, Kildare

The Annual Conference of Cré on 8th September in the Killashee House Hotel is an event that anyone involved in the waste, composting and anaerobic digestion sectors should not miss.

The title of this year’s conference “New Direction & Implications” will inform delegates of:

- ▶ All the New Waste Legislation Changes;
- ▶ The Export of Waste;
- ▶ The Regional Waste Plans Process;
- ▶ The Draft Bioenergy Strategy for Anaerobic Digestion;
- ▶ Brown Bin Awareness Raising Initiatives; and
- ▶ R&D Forum

Main Sponsor



PROGRAMME

- 08.00** **Registration, Tea and Coffee**
- 09.00** **Welcome**
Martin will give an overview of the status of the sector and challenges facing it
Martin Eves, (Chairman) Cré

WASTE POLICY

- 09.30** **Waste Policy Updates**
Philip will provide delegates with an update on the Household Collection Permit Regulations, the Food Waste Regulations, the Miscellaneous Environmental Bill and Enforcement Changes.
Philip Nugent, (Principal Officer) Department of Environment, Community and Local Government
- 10.00** **Regional Waste Plans Update**
Kevin will present an overview of the work to date on the development of the three regional waste management plans.
Kevin Swift, (Regional Waste Coordinator) Connacht/Ulster Waste Region
- 10.25** **Q&A**
- 10.30** **Coffee Break**

NEW DEVELOPMENTS

- 11.00** **New Animal By Products Guidance Document Developments**
The new guidance documents for compost and biogas plants were recently published. This presentation will give an overview of new guidance documents.
Maired Broderick and David Moloney, Department of Agriculture, Food and the Marine
- 11.15** **Draft National Bioenergy Strategy**
Department of Communication, Energy and Natural Resources - invited
- 11.35** **Current Practices in Exporting RDF, SRF and Mixed Municipal Waste in Ireland and UK**
Linda will present the results of published report for the CIWM on the export of waste, which was co-funded by the Irish EPA.
Linda Ovens, AMEC E&I UK
- 12.00** **National Brown Bin Advisors Pilot in Sligo Town**
In June, Sligo County Council started a pilot of the brown bin advisors programme. This involves waste characterisation surveys, the provision of different education tools and development of a schools programme.
Siobhan Gillen, Sligo County Council
- 12.25** **Implications of all the Updates**
Percy Foster, Cré
- 12.35** **Q&A**
- 13.00** **Lunch**
- 14.00** **UK's First Dry Anaerobic Digestion for Biowaste - Fife Scotland**
Fife council, which is Scotland's 3rd largest authority, following the introduction of a legislative requirement to provide a food collection service, the council set out to ensure that this was done as cost effectively and sustainably as possible. Fife constructed a dry AD plant. The plant processes 43,000 tonnes of food and garden waste. The outputs are 1.4mw of electricity and 1.4mw heat, of which 65% is used in a local district heating system and 18,000 tonnes of compost.
Dr. Andrew Walsh, Celtic Bioenergy
- 14.25** **Obeo - The Compostable Box for Kitchen Food Waste from Concept to Market**
Elizabeth Fingleton, Obeo
- 14.35** **Q&A**

RESEARCH & DEVELOPMENT FORUM

- 14.45** **Biochar Research and its Implication for Product Development from "Waste Streams"**
Dr. Munoo Prasad, Compost/AD Research and Advisory
- 15.05** **AD-WISE - A New Tool to Optimise the Operation of Biogas Plants**
The AD-WISE project is developing an control system based on feed regulation for biogas plants. It is composed of real-time measurement of volatile fatty acids (VFA) concentrations and software that uses this data and other parameters already measured in the plant, to maximise biogas production, while modifying the operating conditions to avoid acidification.
Dr. John J O'Flaherty, Technical Director, MAC Ltd
- 15.30** **Q&A**
- 15.45** **Ends**



SPEAKER PROFILES

Philip Nugent is the Principal Officer of the Waste Policy and Resource Efficiency Section in the Department of the Environment, Community and Local Government. Prior to this he was the Principal Officer in Planning and prior to that was Principal Officer in Housing Policy & Finance. He has from UCD a Bachelor's of Arts and Master of Arts. He has an MScEcon, Policy Analysis from the Institute of Public Administration.

Kevin Swift recently took up the position as the Regional Waste Coordinator of the Connaught/Ulster Waste Region. Prior to this he was Director of Environment Services in Galway City Council.

Mairéad Broderick has worked in a number of Government offices including Revenue and Transport, Energy and Communications. She moved to the Department of Agriculture, Food and the Marine in 2007 under the Decentralisation Scheme and became involved in the ABP sector in 2011. She also has responsibility for the fee collection from approved meat plants and cold stores.

Linda Ovens, Associate Director with AMEC E&I UK Ltd, has 20 years experience in the waste industry and as a consultant. Based in Edinburgh, she provides technical advice on many topics from achieving a circular economy, through resource efficiency practices to waste infrastructure development and contract procurement. Linda is the author of the Chartered Institute of Waste Management (CIWM) publication on RDF/SRF exports which has led to a number of related commissions and her becoming an expert spokesperson on the subject. Linda is also the current Chair of the CIWM Scottish Centre.

Siobhán Gillen holds a BA in Business Management and a BSc in Environmental Management, both of which are from Institute of Technology, Sligo. Siobhán worked primarily in administration up until September 2011 when she then joined the Environmental Services Department of Sligo County Council, as a Waste Management Enforcement Officer.

Dr. Andrew Walsh is the Managing Director of Celtic BioEnergy Ltd. and a Director of Jones Celtic Bioenergy Ltd. JCBE is a Joint Venture with Jones Engineering Group formed to develop large scale bio-energy projects across Europe in partnership with Schmack Biogas GmbH. To date Andrew has taken the lead in the design and development of 22 biogas, MBT and composting projects since 2001. Recent projects include dry digestion of bio-waste, dry digestion of mixed waste fines and biomethane to grid from biomass in the UK. Andrew's qualifications include an honours degree in Marine Science and Technology and a PhD in Environmental Toxicology and Chemistry.

Elizabeth Fingleton is Co-Founder and Director of Obeo Ltd. A chartered accountant turned entrepreneur, with a BA (Hons) in Business Studies from Dublin City University, Elizabeth is in charge of business development, sales and marketing at Obeo Ltd. She has a passion for sustainable design and believes that Obeo can instigate behavioural change that will have a positive environmental effect.

Dr. Munoo Prasad, who has a doctorate in Soil Science from Stuttgart Germany, was Chief Scientist in Bórd Na Mona from 1991 to 2006 and Group Leader with New Zealand Ministry of Agriculture 1976 to 1991. He has been involved in five Irish Environmental Protection Agency (EPA) research projects on composting/anaerobic digestion including the latest Teagasc one on "Compost in Crop Production, Nutrient Availability and Disease Suppressiveness". Four of them have been successfully completed. He has also completed two reports on research on anaerobic digestion and compost for the Department of Environment (rx3) in conjunction with Teagasc. He recently held a workshop on Biochar/Hydrochar sponsored by the EPA in which leading experts from Europe made presentations.

Dr. John J O'Flaherty is the Technical Director of MAC, The Irish National Microelectronics Applications Centre that delivers web-driven wireless sensor network distributed monitoring and control solutions for the greentech sectors (www.mac.ie). John has 35 years' experience of technical project management and development, with particular skills in engineering commercial products for global markets. John is promoting the roll-out of the AD-WISE on-line system for Biogas Plants to optimise their Anaerobic Digestion process.

Directions to Killashee House Hotel

Killashee House Hotel and Villa Spa, Naas, Co. Kildare is set amongst 280 acres of manicured gardens & parklands with magnificent views over the Wicklow Mountains and Kildare countryside. It is ideally located just 30kms from Dublin City Centre, 2kms outside Naas Town, and only 40mins from Dublin Airport.

Accommodation at the Killashee House Hotel

Single B&B €89 – quote 'Cre' when booking to get reduced rate.

Tel: 045 879277

Booking

All bookings are made by credit card into the Cre paypal account.
Following the instruction on this website to make a booking:

<https://www.eventbrite.ie/e/national-composting-and-anaerobic-digestion-conference-2014-tickets-12047928679>

Conference Rates

Cré Members €145 + 23% vat

Non Members €200 + 23% vat

The rate includes a hot lunch and coffee breaks.

LIMITED FREE EXHIBITION SPACE AVAILABLE FOR CRÉ MEMBERS - JUST PAY THE NORMAL DELEGATE RATE

Exhibition Space for Non-Member: €200 + 23% vat + delegate fee

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