



*Organised by Cré- Composting Association of Ireland & European Compost Network*

**International Composting Conference  
Sustainable Uses of Biomass: in Soil or as an Energy  
Source  
(Including Workshop on Brown Bin Collection)**

**19<sup>th</sup> - 21<sup>st</sup> February 2007  
Dublin Castle, Ireland**

*Main Sponsors*



THE DEPARTMENT OF  
AGRICULTURE & FOOD  
AN ROINN TALMHAÍOCHTA AGUS BIA



*Featuring*

**Minister Dick Roche,  
Minister Mary Wallace,  
Luca Marmo,  
Josef Barth,  
Karl Kellner,**

*Minister for the Environment, Heritage and Local Government  
Minister of State in Department of Agriculture and Food  
European Commission, Directorate General Environment,  
Managing Director of the European Compost Network  
European Union Directorate General Energy and Transport*

- **33 Presentations over Two Days**
- **Social Evening in the Guinness Storehouse (tour, buffet meal & traditional Irish music and dancing)**
- **Trade Exhibition of Equipment and Technology Suppliers**
- **Study Tours Day of Composting Sites and Bagging Facilities**

**[www.cre.ie/dublin2007](http://www.cre.ie/dublin2007)**



**Programme Monday 19th of February 2007**

**Session 1: Introduction and Framework**

(\*subject to final confirmation)

- 8.30 - 9.45 h** *Registration & Coffee*
- 9.45 - 9.55 h** Opening & welcome address (*Conor McGovern, Chairman, Cré - Composting Association of Ireland, Sligo, Ireland*)
- 9.55 - 10.20 h** Biomass, biowaste and bioenergy in the European context (*Josef Barth, European Compost Network ECN/ ORBIT e.V., Weimar, Germany*)
- 10.20 - 10.35 h** Status of composting in Ireland in 2006 and Cré Projects (*Percy Foster, Executive Administrator, Cré - Composting Association of Ireland Teo, Sligo, Ireland*)
- 10.35 - 10.50 h** Delivering the national biodegradable strategy for Ireland (*Department of Environment, Heritage and Local Government, Dublin, Ireland*)
- 11.00 - 11.30** *Coffee Break*
- 11.30 - 11.55 h** Soil Protection and the EU Soil Thematic Strategy (*Luca Marmo, European Commission, Directorate General Environment, Belgium*)
- 11.55 - 12.20 h** The role of organic matter for soil conservation in the European context (*John Geraghty, Conservation Agriculture Ireland and World Association of Soil and Water Conservation, Tipperary, Ireland*)
- 12.20 - 12.45 h** Targets and promotion of biomass and renewable energy recovery in Europe (*Dr. Karl Kellner, European Union Directorate General Energy and Transport, Brussels, Belgium*\*)
- 12.45 - 14.00 h** *Lunch*
- 14.00 - 14.15 h** **Keynote address - Minister Dick Roche, Minister of Environment, Heritage and Local Government, Ireland**

**Please Chose Parallel Session 2A or 2B**

**Parallel Session 2A: Workshop on Brown Bin Experiences in Europe**

- 14.15 - 14.35** Implementation of separate collection across Europe - introductory remarks on drivers, situation and obligations (*Dr. Enzo Favoino, Scuola Agraria Del Parco Di Monza, Italy*)
- 14.35 - 15.05** An overview of different collection schemes and keys to efficiency: how collection frequencies and capture rates affect organics in residual waste. (*Dr. Dominic Hogg, Eunomia Research & Consulting, Bristol, UK*)
- 15.05 - 15.25** Roll out of brown bin collections in Ireland - a review of developments to date (*Lorraine Herity, RPS, Dublin, Ireland*)
- 15.30 - 16.00** *Coffee Break*
- 16.00 - 16.15** Potential for organic waste collection in apartments & in-sink macerators, funded by the EPA (*Warren Phelan, RPS, Dublin, Ireland*)
- 16.15 - 16.40** Implementation of separate collection of biowaste in a densely populated area and comparison against commingled collection of mixed MSW (*Dr. Enzo Favoino, Scuola Agraria Del Parco Di Monza, Italy*)
- 16.40 - 17.10** Decentralised separate collection and treatment of biowaste by farmers, case studies and examples from Austria (*Florian Amlinger, KEB Compost - Consulting & Development, Perchtoldsdorf, Austria*)
- 17.10 - 17.40** Cost assessment of separate collection - an evaluation of key factors for economic and operational optimisation including financial tools like PAYT systems, promotion of home composting, etc. (*Dr. Dominic Hogg, Eunomia Research & Consulting, Bristol, UK*)

**Parallel Session 2B: Biomass and Renewable Energy Production**

- 14.15 - 14.40 h** Future development and framework for the utilization of energy from biomass (*Jaqueline Daniel, Institute for Energy and Environment, Leipzig, Germany*)
- 14.40 - 15.05 h** Renewable resources and their contribution to sustainable production, energy generation and savings of natural resources (*Dr. A. Schütte, Agency for Renewable Resources FNR, Gülzow, Germany*\*)
- 15.05 - 15.30 h** Greenwaste treatment options; impacts on soil and climate change (*Prof Dr. M. Kranert, Univ. Stuttgart, Germany*)
- 15.30 - 16.00 h** *Coffee Break*
- 16.00 - 16.25 h** Biomass market development, case study from the Federal State of Hesse (*T. Turk, IGW Witzenhausen, Germany*)
- 16.25 - 16.50 h** Biomass feedstock preparation - latest technology developments (*A. Hunter, Komptech, Frohnleiten, Austria*)
- 16.50 - 17.15 h** Biomass recovery synergies between agriculture and waste management (*Dr. W. Müller, ORA, Malvern, UK*)

**19.30 h** **SOCIAL EVENING- GUINNESS STOREHOUSE, DUBLIN - TOUR, BUFFET MEAL & IRISH MUSIC**



**Programme Tuesday 20th of February 2007**

**Session 3: Beneficial Use of Biomass in Soils**

8.30- 9.00 h

Coffee Break

9.00 - 9.15 h

**High Quality Compost and Use in Peat Replacement**

Irish Compost Standard Research Project (Dr. Munoo Prasad & Percy Foster Cré Composting Association of Ireland)

9.15 - 9.40 h

Using compost as a peat replacement - the peat industry's perspective (Dr. Munoo Prasad, Bord na Móna, Ireland)

9.40 - 10.05 h

Manufacturing peat reduced compost products - the plant operator's perspective (Marion Bieker, Humus & Erdenkontor, Witzenhausen, Germany)

10.15- 10.45 h

Coffee Break

10.45 - 11.10 h

**Benefits of Compost Use**

Compost application to soils - a precautionary approach (Florian Amlinger, KEB, Perchtoldsdorf, Austria)

11.10 - 11.35 h

Key benefits of compost use for the soil-plant system (Prof. Stephen Nortcliff, Univ. of Reading, Reading, UK)

11.35 - 12.00 h

11 years of experiences with compost application in agriculture - the real benefits and risks for soils (Prof. Dr. Kluge, LUFA Augustenberg, Karlsruhe, Germany)

12.00 - 13.00 h

Lunch

13.00 - 13.25 h

**Use of Compost in Agricultural Land**

Agricultural humus management using high quality certified composts (Dr. Stefanie Siebert, BGK, Cologne, Germany)

13.25 - 13.50 h

A tillage farmer's requirements for compost use (Julian Martin, Ireland)

13.50 - 14.15 h

The impact of the Nitrates Directive on the use of compost on land & research arable crop trials using greenwaste compost (Gerry Bird, OCAE Consultants, Enfield, Ireland)

14.15 -14.30 h

Coffee Break

**Keynote address - Minister Mary Wallace, Minister of State in Department of Agriculture and Food, Dublin**

14.45 - 15.10 h

**Beneficial Use of Biomass in Soils and Energy Utilisation**

Review of compost applications in agriculture, landscaping, horticulture & brownfields (Anne O'Brien, WRAP, UK)

15.10 - 15.40 h

The Växtkraft Project - closing the loop between city and agriculture for the production of renewable energy, fuels and nutrients by means of digestion of biowaste and energy crops (Per-Erik Persson, Vafab, Västerås, Sweden)

15.40 - 16.10 h

Effects of growing energy crops on the humus content and fertility of soils (Dr. Dieter Hortacher, Humbolt University, Berlin, Germany)

16.10 - 16.30 h

Final discussion and closing remarks (Josef Barth, ECN, and Conor McGovern, Cré)

16.30 - 17.00h

Guided tour of Dublin Castle

Evening

Visit to some of Dublin's Famous Pubs!

**Wednesday 21st of February 2007 - Study Tours Day**

8.00h - 14.00h

Visit to composting sites, blending and bagging facilities (Bord na Mona).

Bus back at Dublin airport at 3.30pm. Back at Dublin Castle/City Centre at approximately 4.30pm



# BOOKING FORM



**SUSTAINABLE USE OF BIOMASS: IN SOIL OR AN ENERGY SOURCE, DUBLIN, IRELAND 19<sup>TH</sup> – 21<sup>ST</sup> FEBRUARY 2007**

**NAME** \_\_\_\_\_

**ORGANISATION** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**E-MAIL** \_\_\_\_\_

**3 Day Fee 19&20<sup>th</sup> Dublin Castle & Study Tour 21<sup>st</sup>**  
**€423.50** per Cré/ECN member, **€484** per non member, *includes vat.*  
 (€350 per Cré/ECN member, €400 per non member, *ex vat*)

*Optional Social Evening 19<sup>th</sup> in Guinness Storehouse (Tour, drinks reception, buffet meal & Irish Music)*  
**€60.50 per person** (include VAT) (€50 *ex vat*) (member & non member).  
*Delegates are encouraged to bring partners & friends to the Social Evening*

**Please Answer the Following:**

- (1) I want to go on the Study Tour Day: (Yes/No)
- (2) I want to travel on the free bus on 19<sup>th</sup> from the Airport to the Dublin Castle (Yes/No)
- (3) I want to attend the Social Evening in the Guinness Storehouse (Yes/No)
- (4) I want to attend the Parallel Session 2A (Brown Bin Collection) OR Parallel Session 2B (Biomass and Renewable Energy): (Please fill in either 2A or 2B: \_\_\_\_\_)

*Please note that due to capacity size of conference halls, we cannot guarantee you will be able to attend your preferred Parallel Session*

**Cancellations / Substitutions**

For those unable to attend, a substitute delegate may be sent at any time for no additional charge. Alternatively a refund will be given for cancellations received in writing, by fax or letter, up to 21 days prior to the conference. Regrettably no refunds can be made after that date.

**Value Added Tax**

As the conference is held in the Republic of Ireland, VAT is applicable @ 21% for all delegates, including those attending from outside the Republic of Ireland. This position has been verified by the Revenue Commissioners. International delegates can reclaim VAT under the 8th VAT Directive. This form can be downloaded from the conference website. Cré – Composting Association of Ireland VAT number is 6390931I.

**The delegate rate for this event includes all speaker notes, Lunches, tea & coffee breaks, trade exhibition and study tour trip**

**Total Amount € \_\_\_\_\_**

CHEQUE ENCLOSED: (YES/NO)  
 PURCHASE ORDER NO: \_\_\_\_\_  
 BANK TRANSFER: (YES/NO)

**Post/ fax/ email to Percy Foster (Conference Manager) Cré- Composting Association of Ireland, Business Innovation Centre, Institute of Technology Campus, Ballinode, Sligo, Ireland. Fax: 00 353 (0) 71 9144500 Email [DUBLIN2007@CRE.IE](mailto:DUBLIN2007@CRE.IE)**

**International Bank Transfer (pay in Euros)**

*Please use the IBAN and Swift code to reduce your transfer costs*

**Account Name:** Composting Association of Ireland  
**Address of account holder:** PO BOX 310, Naas, Co. Kildare, Ireland  
**Bank Name:** Bank of Ireland  
**Address of Bank:** Kilcullen, Co. Kildare, Ireland  
**Bank Code:** 90 11 40  
**Account Number:** 15745814  
**BIC/Swift Code:** BOFI IE2D  
**IBAN:** IE50 BOFI 9011 4015 7458 14  
**PLEASE Reference:** your name & <your-email@address>

**Bank Transfers inside Rep. of Ireland:**

**Account:** Composting Association of Ireland  
**Bank Name:** Bank of Ireland  
**Bank Code:** 90 11 40  
**Account Number:** 15745814  
**PLEASE Reference:** name & <your-email@address>

*Accommodation and Travel details on [www.cre.ie/dublin2007](http://www.cre.ie/dublin2007)*