COST Action E31
"Management of Recovered Wood"

IEA Bioenergy

Task 38 – Greenhouse Gas Balances
of Biomass and Bioenergy Systems

Workshop Announcement

Greenhouse Gas Aspects of Biomass Cascading – Reuse, Recycling and Energy Generation

Dublin, Ireland, 25 April, 2005

Jointly organised by

Univ. College Dublin	University College Cork	SUSTAINABLE ENERGY IRELAND	JOANNEUM RESEARCH

Task 38 Website: www.joanneum.at/iea-bioenergy-task38
COST Action E31 Website: www.ctib-tchn.be/coste31
Conference Website: : www.joanneum.at/iea-bioenergy-task38/workshops/announcement.pdf

Background

IEA Bioenergy is an international, collaborative research programme on bioenergy aiming at improved international cooperation and information exchange (www.ieabioenergy.com). The primary goal of IEA Bioenergy Task 38 ("Greenhouse Gas Balances of Biomass and Bioenergy Systems") is to investigate all processes involved in the use of bioenergy and carbon sequestration systems, with the aim of assessing overall greenhouse gas balances and supporting decision makers in selection of mitigation strategies. Participating countries are Australia, Austria, Canada, Denmark, Finland, Ireland, New Zealand, Norway, Sweden, The Netherlands, and the USA. The conference is part of a series of workshops and conferences within Task 38, taking place on a regular basis. For more detailed information on the Task, its output, and on previous events see www.joanneum.at/iea-bioenergy-task38.

The COST (European Co-operation in the Field of Scientific and Technical Research) Action E31 (2002 to 2006) is a multi-disciplinary forum for the exchange of information on "Management of Recovered Wood" with the main objective to improve the European management of recovered wood towards a higher common technical, economic and environmental standard. Researchers of 20 European countries – Austria, Belgium, Bulgaria, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Rumania, Serbia and Montenegro, Slovenia, Spain, Sweden, United Kingdom - are involved in the Action, which is subdivided in 2 Working Groups: "European management of recovered wood" and "Treatment options for recovered wood". For more detailed information on the COST Action E31, its output, and on previous events see www.ctib-tchn.be/coste31 .

COST Action E 31 and IEA Bioenergy Task 38 Workshop

Scope and objectives

Greenhouse Gas Aspects of Biomass Cascading – Reuse, Recycling and Energy Generation

The reduction of greenhouse gas emissions is an urgent international target. The sustainable use of biomass for wooden products and energy is one important option that might significantly contribute to the reduction of greenhouse gas emissions by substituting the use of non-renweable materials and fossil energy. Given that the amount of sustainably available biomass is limited, the most efficient use of biomass is an important issue. Biomass offers a wide range of possibilities to reuse, recycle and to generate energy. The main objective to be addressed and discussed in this joint workshop is the optimal combination of the different aspects of carbon sequestration and biomass cascading to contribute to greenhouse gas reduction by substituting conventional materials and fossil energy. It will provide a forum for government, policy and academic representatives to exchange information on current knowledge regarding optimal use of biomass for greenhouse gas mitigation.

Venue

Sustainable Energy Ireland (SEI)
Enterprise Ireland Campus – Conference Theatre (main building)
Old Finglas Road
Glasnevin
Dublin 9
Ireland
Tel. +353-1-8369080
Fax +353-1-8372848

www.sei.ie

A map showing the location of SEI Dublin can be accessed:
http://www.sei.ie/uploads/documents/upload/publications/Map2office.doc

Joint COST Action E31 and IEA Bioenergy Task 38 Workshop:

Greenhouse Gas Aspects of Biomass Cascading – Reuse, Recycling and Energy Generation

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PROGRAMME

Monday, 25 April 2005
Dublin, Ireland

Each presentation circa 20 minutes, followed by 10 minutes of discussion

8^{30} **Registration / Morning Refreshments**

9^{00} **Welcome** *David Taylor, Sustainable Energy Ireland, Kimberly Robertson, Co-Taskleader of IEA Bioenergy Task 38, Force Consulting, New Zealand, Gerfried Jungmeier, Chairman of COST Action E31, Joanneum Research, Austria*

Session1: Introduction

9^{15} Wood energy in Ireland - contribution to GHG reduction. *Joe O'Carroll, Council for Forest Research and Development, Ireland*

9^{45} Carbon sinks and forest products in the Kyoto Process - current and future developments. *Eugene Hendrick, Council for Forest Research and Development, Ireland*

10^{15} Optimizing the GHG benefits of bioenergy and carbon sequestration systems. *Bernhard Schlamadinger, Joanneum Research, Austria, and Kimberly Robertson, Force Consulting, New Zealand*

10^{45} **Coffee Break**

Session 2: Biomass Cascading

11^{15} Cost and CO_2-emission reduction of biomass cascading – Methodological aspects and case study of SRF poplar. *Veronika Dornburg, Utrecht University, the Netherlands*

11^{45} Energy and carbon dioxide balances of various cascade chains for recovered wood. *Roger Sathre and Leif Gustavsson, MID Sweden University, Sweden, and Kim Pingoud, Finnish Forest Research Insitute, Finland*

12^{15} Global carbon stocks in harvested wood products: a review of current understanding and estimates. *Robert Matthews, Forestry Commission, UK, and Kim Pingoud, Finnish Forest Research Insitute, Finland*

12^{45} **Lunch**

Session 3 : Energy Generation

14^{00} Energy generation from recovered wood for greenhouse gas reduction. *Gerfried Jungmeier, Joanneum Research, Austria*

14^{30} Energetic utilization of wood in Hungary. V*arga M., Németh G., Károly A., Alpár T. University of West Hungary, Sopron, Hungary*

15^{00} Potential for energy production and greenhouse gas mitigation from biomass waste streams in Ireland. *Carly Green, University College Dublin, Ireland*

15^{30} **Coffee Break**

Session 4: Reuse and Recycling

16^{00} Greenhouse impacts of utilising wood processing residues for composite products or bioenergy: implications for renewable energy incentive schemes. *Annette Cowie and David Gardner, NSW Department of Primary Industries*

16^{30} Wood recycling mitigates climate change. *Chris Van Riet, European Panel Federation, Brussels*

17^{00} Recovered wood from residential and office building – assessment of GHG emissions for reuse, recycling, and energy generation. *Adolf Merl, Resource Management Agency, Austria*

17^{30} General Discussion

18^{00} Close of Workshop

19^{00} **Dinner**

Accommodation

1. Royal Dublin Hotel for the IEA Bioenergy Task 38 Group
O'Connell Street,
Dublin 1.
Phone: +353 1 8733666
Fax: +353 1 8733120
Email: vdunne@royaldublin.com
Internet: http://www.royaldublin.com/

- For **Task 38**, 30 rooms have been block booked (for 24th to 28th, 2005)
- Individuals will make their own reservations (please use attached booking form).
- Rate: EUR 89 per night. For those planning to stay beyond the conclusion of the Task 38 meeting, this rate will be extended 3 days after.
- Guestroom Reservation Cut-off Date is: April 4th, 2005

2. The Gresham Hotel for the COST Action E31 Group
O'Connell Street,
Dublin 1.
Phone: +353 1 874 6881
Fax: +353 1 878 7175
Email: whelan@thegresham.com
Internet: http://www.ryan-hotels.com/htm/dublin_i.htm

- For **Cost Action E31 group**, 20 rooms have been block booked (for 25th and 26th, 2005)
- Individuals will make their own reservations (please use attached booking form).
- Rate: EUR149 per night
- Guestroom Reservation Cut-off Date is: March 16th, 2005

Getting to Dublin

Dublin International Airport is located north of the city. http://www.dublin-airport.com/AR_Dublin/live/Lv_pres_GenTemplate.asp?strPage_Name=DN_Welcome The simplest way to get to the hotel is to by coach http://www.aircoach.ie/map.routes.ballsbridge.php or by any bus marked "City center", which will drop you off on O'Connell Street beside one of the two hotels. Taxis are also available outside the main airport building and fares may be EUR15-20 depening on traffic conditions.

Getting from Hotels to SEI (campus in Glasnevin)

You can take bus no. 19 from O'Connell Street, which will drop you off at the campus in Glasnevin. Mention to the bus driver you want to be dropped off at the Met Eireann Office/Enterprise Ireland Campus.

Weather conditions in Dublin in April

The weather is at this time is usually good although rain cannot be discounted. For more weather information see http://www.met.ie/ . For more information on Dublin see http://www.visitdublin.com/weather/

Registration Fee

All costs are in EURO:

Registration fee for Workshop participation:	€ 60.00
Fee for Workshop Dinner[1)]	€ 35.00

[1)] Those who are giving a presentation do not have to pay for the Workshop Dinner

The deadline for registration and payment is March 31, 2005

The registration fee can be paid by credit card (Mastercard or Visa). Please fill in the details on the registration form and e-mail/fax it to:

JOANNEUM RESEARCH (attn Ms. Monika Adamek)
Elisabethstrasse 5, A-8010 Graz, Austria
Phone: +43 316 876 1338, Fax: +43 316 876 1320
E-mail: monika.adamek@joanneum.at

If you are unhappy about faxing/e-mailing your credit card number, please call Monika Adamek.

IEA Bioenergy

Task 38
Greenhouse Gas Balances of
Biomass and Bioenergy Systems

Univ. College Dublin			COST Action E31	

Greenhouse Gas Aspects of Biomass Cascading – Reuse, Recycling and Energy Generation

A workshop organised by IEA Bioenergy Task 38 and COST Action E 31
in Dublin, Ireland, April 25, 2005

Registration Form

The deadline for registration and payment is 31 March 2005

Please return this form by mail or fax to the address given below as soon as possible.

JOANNEUM RESEARCH (attn. Mrs. Monika Adamek)
Elisabethstrasse 5, A-8010 Graz, Austria
Phone: +43 316 876 1338, Fax: +43 316 876 1320
E-mail: monika.adamek@joanneum.at

- ☐ I will attend the workshop on 25 April 2005 (€ 60,00)
- ☐ I will attend the workshop dinner on 25 April 2005 (€ 35,00)
- ☐ ☐ Special requirements:
  ……
- ☐ I cannot participate in the Conference but would like to be informed about its outcome

Name:……..
Field of work:……..
Institution:……
Address:……..
Telephone:……..
Fax:……..
E-mail:……..

Payment Details

Please debit my VISA or MASTERCARD (please circle one) €……
Card number:……..
Expiry date:……..
Name on card:……..
Signature:……..

Accommodation Booking Form
Sustainable Energy Ireland

All bookings must be received before 5th April to avail of this offer.

ROOMS BOOKED FOR 24TH & 28TH April 2005

Guest Name: _____

Date of Arrival: _____

Date of Departure: _____

Single Occupancy Room: _____(please tick here)

Double Occupancy Room: _____(please tick here)

Payment Method

Credit Card number: _____Exp Date: _____

Type of Card _____

Room Rate: €89 Single Room only + Full Irish €7.50 or Continental €6

Group booking have a two cancellation Policy

For Office Use Only	
Block: Sustain250405	
Confirmation Number:	

Send reservations to vdunne@royaldublin.com

THE GRESHAM

Accomodation Booking Form
Sustainable Energy Ireland

All bookings must be received before 31st March. Forms received after this date will be on request basis only.

ROOMS BOOKED FOR 25TH to 26TH April 2005

Guest Name: _____

Date of Arrival: _____

Date of Departure: _____

Single Occupancy Room: _____(please tick here)

Double Occupancy Room: _____(please tick here)

Credit Card number: _____Exp Date: _____

Confirmation Required (please tick here): _____

Please note that the Room Rate is Eur 149.00 per night Single Occupancy.
Extra person in room will incur a charge of Eur 40.00 BB.

Send reservations to denise.whelan@thegresham.com