

COST-ESF High-level Research Conference on The Future Role of Bio-energy from Tree Biomass in Europe

PROGRAMME

Sunday 6 November

17:00-19:30	Registration at the ESF desk
19:30-21:00	Dinner
21:00	Welcome Drinks

Monday 7 November

10:00	Transfer from Hotel Europahaus to Monastery of Klosterneuburg
11:15-11:30	Abtprimas Bernhard Backovsky - Stift Klosterneuburg, AT Stefan Schmuckenschlager - Mayor of Klosterneuburg, AT Monica Dietl – Director COST Office, BE <i>Words of welcome</i>

Opening session

Chaired by: **Peter Mayer** - Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BWF), AT

11:30-12:30	Tattersall Smith (EN) University of Toronto, CA <i>Forests as a source of bioenergy - ecological sustainability and soil productivity</i> Franz Stefan Hautzinger (DE) Provincial Counselor of Burgenland, AT <i>Bioenergy from the perspective of Burgenland</i> Niels Elers Koch (EN) President - IUFRO, DK <i>Forests as a source of bioenergy - operational and economic challenges</i> Stephan Pernkopf (DE) Provincial Counselor of Lower Austria, AT <i>Bioenergy from the perspective of Lower Austria</i> Nikolaus Berlakovich (DE) Minister of Agriculture and Forestry, AT <i>Welcome address and policy statement</i>
12:30-14:00	Lunch break - <i>Invitation by the Austrian Minister of Agriculture and Forestry</i>
14:00-14:20	Paul Rübiger (DE) European Parliament, INT <i>The climate and energy policy of the European Union</i>

Guided Tour

14:20-18:00	Hubert Fladl (DE&EN) Monastery of Klosterneuburg, AT <i>Presentation of the bioenergy plant Klosterneuburg</i>
18:00-20:00	Wine tasting & Finger food buffet
20:00	Transfer from Monastery of Klosterneuburg to Europahaus

Tuesday 8 November

- 9:00-9:10 **Peter Mayer**
Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BWF), AT
Words of welcome
- 9:10-9:25 **Monica Dietl**
Director COST Office
Introducing COST
- 9:25-9:45 **Sjur Baardsen**
Norwegian University of Life Sciences, NO & Chair of the COST Domain Committee "Forests, their Products and Services (FPS)"
Introducing the COST Domain on Forests, their Products and Services (FPS)
- 9:45-10:00 **Malgorzata Tkatchenko**
Commissariat à l'Energie Atomique (CEA) & ESF Rapporteur
Introducing ESF

Session 1: Availability of biomass

Chaired by: **Robert Jandl** - Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BWF), AT

- 10:00-10:30 **Markus Lindner**
European Forest Institute (EFI), FI
Forest energy potential – Results from the EU Wood Project
- 10:30-11:00 **Gerhard Mannsberger**
Ministry of Agriculture and Forestry, AT
Implementing a national strategy on biomass mobilization
- 11:00-11:30 Coffee break
- 11:30-11:50 **Antti Asikainen**
METLA, FI
Impact of annual felling, CO² prices, national subsidies on forest fuel availability in Finland
- 11:50-12:10 **Toru Terada**
University of Tokyo, JP
Wood Energy from Satoyama Woodlands
- 12:10-12:30 **Klemens Schadauer**
Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BWF), AT
How much biomass can be mobilized for energetic use - Central Europe
- 12:30-13:00 Discussion
- 13:00-14:30 Lunch break

Session 2: Biodiversity, landscape ecology and soil water quality

Chaired by: **Tattersall Smith** - University of Toronto, CA

- 14:30-15:00 **Inge Stupak Møller**
University of Copenhagen, DK
Forest energy and soil sustainability
- 15:00-15:30 **Hillevi Eriksson**
Swedish Forestry Agency, SE
Sustainability criteria in practice

15:30-15:50	Berthold Heinze Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BWF), AT <i>Dealing with genetic variability of willows and poplars in short-rotation plantations</i>
15:50-16:20	Coffee break
16:20-16:40	Hans Langeveld Bioresearch, NL <i>Land use questions / sustainability</i>
16:40-17:00	Hannes Böttcher IIASA, AT <i>Projection of the EU27 forest carbon sink and effects of recent bioenergy policies using two advanced forestry models</i>
17:00-17:20	Paul Schmidt-Walter University of Goettingen, DE <i>Groundwater recharge and nitrate leaching rates of short rotation coppices from poplar and willow</i>
17:20-17:40	Karin Eklöf Swedish University of Agricultural Sciences, SE <i>Does logging, stump harvesting and site preparation lead to leakage of mercury?</i>
17:40-18:30	Poster Session - <i>For accepted posters, please refer to the list of posters</i>
19:00	Dinner

Wednesday 9 November

Session 3: Supply chain and system evaluation

Chaired by: **Rolf Björheden** - Skogforsk Uppsala, SE & IUFRO Task Force "Forest Bioenergy", INT

9:00-9:30	Raffaele Spinelli Trees and Timber Institute IVALSA, IT & Vice Chair FPS COST Action FP0902 <i>Technical and economic evaluation of supply systems</i>
9:30-10:00	Hans Heinemann ETH Zurich, CH <i>Environmental performance assessment of biofuel supply chains - state and perspectives</i>
10:00-10:20	Karl Stampfer University of Natural Resources and Applied Life Sciences Vienna, AT & MC Member FPS COST Action FP0902 <i>Regional wood chip supply networks for the Alps</i>
10:20-10:40	Paula Jylhä Finnish Forest Research Institute (METLA), FI <i>Harvesting technologies for small sized trees</i>
10:40-11:10	Coffee break
11:10-11:30	Rolf Björheden Skogforsk Uppsala, SE & IUFRO Task Force "Forest Bioenergy", INT <i>Critical factors for forest fuel supply chains</i>
11:30-11:50	Antti Asikainen The Finnish Forest Research Institute (METLA), FI <i>Simulations vs Empirical studies as forest fuel systems analysis tools</i>
11:50-12:10	Walter Warkotsch Technische Universität München, DE <i>Contribution of precision forestry to improve supply chains</i>

12:10-12:30	Victoria Lerma AIDIMA, ES <i>Prediction system for availability of biomass</i>
12:30-12:50	Mohammad Ghaffariyan University of Tasmania, AU <i>Optimising chipping of pine residues in Victoria (Australia)</i>
12:50-13:10	Discussion
13:10-14:30	Lunch break
14:30-14:50	Erhan Caliskan Karadeniz Technical University, TR <i>Optimising forest biomass transports</i>
14:50-15:10	Mika Yoshida University of Tokyo, JP <i>Relation between chipping site and transportation cost</i>
15:10-15:30	Peter Rauch University of Natural Resources and Life Sciences Vienna, AT <i>Evaluating procurement risks of the biomass feedstock in Austria</i>
15:30-16:00	Coffee break
16:00-17:00	Poster Session - <i>For accepted posters, please refer to the list of posters</i>
17:00-17:20	Inge Stupak Møller - University of Copenhagen, DK Dominik Röser – Finnish Forest Research Institute (METLA), FI & Chair of FPS COST Action FP0902 <i>Presentation of Multidisciplinary COST Action proposal</i>
17:20-18:00	Discussion
19:00	Dinner

Thursday 10 November

Session 4: Forest biomass as feedstock for the energy and biorefinery sector

Chaired by: **Elsbeth MacRae** - Scion, NZ & IUFRO Task Force "Forest Bioenergy", INT

9:00-9:30	Elsbeth MacRae Scion, NZ & IUFRO Task Force "Forest Bioenergy", INT <i>Biorefinery processes and products using trees</i>
9:30-09:50	Birgitta Strömberg Thermal Engineering Research Association, SE <i>Forest biomass as a feedstock for thermal conversion</i>
09:50-10:10	Suzanne Wetzel Canadian Wood Fibre Centre/Canadian Forest Service, CA <i>Heterogeneity of forest harvest residue from Eastern Ontario Biomass Harvests</i>
10:10-10:30	Daniel-Calin Ola Transylvania University, RO <i>Energy or insulation from fibre plants</i>
10:30-11:00	Coffee break
11:00-11:20	Carmen Guedes University Londrina, BR <i>Lignocellulosic derived Biooil for petroleum blends</i>

11:20-11:40 **Patricia Bubner**
University of Technology Graz, AT
Cellulases dig deep

11:40-12:10 **Anna Suurnakki**
VTT Technical Research Centre, FI
The green biorefinery

12:10-12:30 Discussion

12:30-13:30 Lunch break

Session 5: Summary and Research Strategy

Chaired by: **Johannes Schima** - Ministry of Agriculture and Forestry, AT

13:30-14:00 **Tattersall Smith**
University of Toronto, CA
Forests as a source of bioenergy - ecological sustainability and soil productivity

14:00-14:30 **Dominik Röser** - Finnish Forest Research Institute (METLA), FI & Chair of FPS COST Action FP0902
Raffaele Spinelli – Trees and Timber Institute IVALSA, IT & Vice Chair of FPS COST Action FP0902
The Importance of International Research Collaboration

14:30-15:00 **Rolf Björheden**
Skogforsk Uppsala, SE & IUFRO Task Force "Forest Bioenergy", INT
Visionary documents on Forest Energy cases and Outlook on the role of bioenergy 2050 and 2100

Forward Look Session

Chaired by: **Rolf Björheden** - Skogforsk, SE

15:00-15:30 Discussion about future developments in the field

15:30-16:00 Coffee break

16:00-18:30 **Susanne Schidler**, AT
Interactive session for early researchers on Sustainable Biomass-Use

20:00 Conference dinner

Friday 11 November

Departure after breakfast

This is the agenda as of 19 October 2011. The final programme may differ from the one listed above in terms of speakers, content of the presentations and speaking slots. All sessions will be held in English.