

AEBIOM

European Bioenergy Conference



Conference Programme

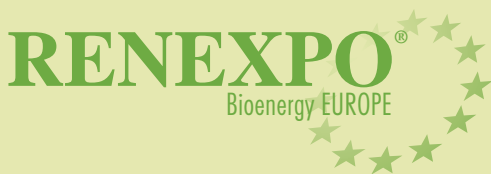
30 June – 1 July 2010
Albert Hall Brussels, Belgium

www.renexpo-bioenergy.eu



AEBIOM
EUROPEAN BIOMASS ASSOCIATION





The Exhibition

Bioenergy markets for Europe – Conference and Exhibition under one roof

- » First co-organized bioenergy conference and trade fair at European level in Brussels, the heart of Europe
- » Meeting point for the EU decisions makers, leading companies and research & development
- » Overview on the newest developments and innovations in the bioenergy market and EU legislations with a chance to have influence on EU institutions

Advantages for RENEXP0 Bioenergy Europe Exhibitors

- » Meet Europe's decision makers in Europe's capital
- » Acquire new European business contacts
- » Maintain existing customers
- » Get an overview of bioenergy market developments
- » Optimize your image in a European context
- » AEBIOM conference and RENEXP0 exhibition under one roof
- » Get in touch with the administrative centre of the European Union
- » Excellent transport links to Europe's major cities
- » Platform for international networking

Who should attend?

30 international exhibitors are expected among which are:

- » Bioenergy industry (electricity, heat, cooling and biofuels)
- » Energy producers and distributors
- » Trade associations and consultancies
- » National policy/decision makers
- » Public Relation Companies
- » Project Developers
- » Education-, Science-, Research-Institutes
- » Export, import services
- » Business developers
- » Energy regulators
- » Financial and funding institutions
- » EU institutions
- » Consultants
- » Engineering companies
- » Media & Communication companies
- » Transport & Mobility companies
- » Agencies

Contact.

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Programme AEBIOM conference

30 June - 1 July, 2010

Day 1 - 30 June

08.30	Registration		
	PARALLEL 1	PARALLEL 2	PARALLEL 3
09.00 until 12.30	Opportunities for the forest based industries	Emerging biomass resources	Biogas in the European Regions
	11.00 Official Opening Ceremony of the exhibition		
13.30	Opening session: European perspectives		
15.30	Coffee break		
16.00	Plenary Session: Renewable Energy Action Plans		
20.00	Evening dinner at the European Parliament		

Day 2 - 1 July

	PARALLEL 1	PARALLEL 2
09.00	Session I: Biomass supply	Session III: Financing bioenergy
10.30	Coffee break	
11.00	Session II: Sustainability and certification	Session IV: Bioenergy and climate change
12.30	Lunch	
13.30	Session V: Biogas	Session VII: Electricity and District Heating
15.00	Coffee break	
15.30	Session VI: Biorefineries and second generation biofuels	Session VIII: Small scale heat
17.00	Closing session: Messages from the conference	

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Day 1 – Pre-Conference workshops 30 June

Parallel Pre-Conference workshops (09.00 – 12.30 Three Parallel workshops)

Opportunities for the forest based industries

EUBIONET III workshop, in cooperation with VTT (Finland) and CEPI (European pulp and paper industry federation).



The aim of this EUBIONET III workshop is to discuss about the opportunities of biomass use and refining to new biomass products (pellets, transport biofuels) in the forest industry. The workshop also aims at identifying 3 – 5 new legislative proposals for an effective participation of the forest industry to the European RES targets.

Chair: Silvia Vivarelli, European Commission, EACI

- » **Forest industry and bioenergy: Overview of EUBIONET III results**
Eija Alakangas, VTT – EUBIONET III coordinator
- » **Strategy for bioenergy use and new products in pulp and paper industry**
Bernard de Galembert, CEPI – Confederation of European Paper Industries
- » **Turning forest by-products and forest residues into profit through bioenergy combine**
Dr. Christofer Rhén, GreenExergy AB, Sweden
- » **Biorefineries, what opportunities for the forest industry?**
Markku Karlsson, UPM-Kymmene Corporation, Finland
- » **Is bioenergy an opportunity or threat for wood processing industries?**
Filip De Jagher, CEI-BOIS – European Confederation of woodworking industries
- » **The role of the European Commission to keep a level playing field**
Jeremy Wall, European Commission – DG Enterprise
- » **General discussions on legislative proposals and conclusions**

Emerging biomass resources

EUBIONET III workshop, in cooperation with DTI (Danish Technology Institute).

Many countries will probably set ambitious targets for biomass in their national action plans. The biomass supply is a challenge and will require traditional biomass mobilization as well as the need to develop new and yet unexploited biomass resources. This latter issue will be discussed in this workshop. The workshop also aims at identifying 3 – 5 initiatives at EU level that could help to develop these new biomass sources.

Chair: Jorgen Hinge, Danish Technological Institute

- » **European overview of new sources of biomass**
Jorgen Hinge, DTI – EUBIONET III WP leader, Denmark
- » **The great biomass potential from olive grove sector in the Mediterranean region**
Jose La Cal, AGENER/IEE MORE, Spain
- » **Pellets from agro-biomass: Calys concept**
Matthieu Campargue, RAGT Energie, France
- » **Finding clients for agro-pellets**
Arunas Bruzgulis, Biovoice, Lithuania
- » **Production of aquatic biomass in Denmark, state of the art**
Karin Svane Bech, AlgaeCenter Denmark
- » **Towards the first commercial algae plant in Europe**
Andrew Beck, Petroalgae, USA
- » **General discussions on EU initiatives that could help to develop biomass resources and conclusions**

Biogas in the European Regions

FEDARENE workshop. Mobilisation of synergies between sectors (local authorities, farmers and food processing industries) and their concrete project implication will increase biogas plants realisation. The territorial approach facilitating partnerships and the elaboration of a strategic road map in each region will overcome obstacles and create a biogas friendly environment.

Chair: Valérie Borroni, Rhônâlpénergie-Environnement, France



- » **Legal framework of the European Union- Presentation of the report on sustainability of biomass**
European Commission - DG Energy
- » **Biogas perspective in Europe and opinion on the European RES regulation**
Sebastian Stolpp, European Biogas Association - EBA


Facilitating biogas projects in most promising sectors

- » **Agricultural methanisation as decentralise renewable energy source.**
Permanent Assembly of the Agricultural Chambers
- » **Biogas plant, an opportunity of the agricultural sector**
International Federation of the Agricultural Producers (IFAP)
- » **Economical impact of the Biogas market growth**
European Association of Agricultural Economists (EAAE)
- » **Biogas, a new market for the Agri-Food industry**
Confederation of the Food and Drink Industries of the EU (CIAA)

Biogas in the European Regions

- » **Methanisation Context**
Andy Bull, Severn Wye Energy Agency - UK
- » **Perspectives, development et barriers of the biogas sector**
Christian Sakulin, Landesenergieverein Steiermark, Austria
- » **Project assistance of a biogas plant**
Valerie Borroni, Rhônâlpénergie-Environnement - France
- » **Round Table: Biogas contribution to the 20 % RES target**
Chair: Dominique Bourges.
With Valerie Borroni - RAEE, Andy Bull - Severn Wye, Christian Sakulin - LEV, Alessandra Santini - Regione Abruzzo, Maria del Puy Dominguez - EREN, Tomasz Lis - MAES, Tomaz Poje - AIS

Workshops supported by IEE programme

Intelligent Energy  Europe

Opening session: European perspectives (13.30 – 15.30)

The new directive on renewables with the ambitious mandatory target of 20 % RES by 2020 is generating great political attention. Current European political and legislation frameworks for renewables, including energy, agriculture and research sectors influencing future bioenergy market chances will be presented.

Chair: Heinz Kopetz, AEBIOM President

- » **European RES strategy and priorities of the Belgian Presidency for the second semester 2010**
Belgian Presidency, Minister Freya Van den Bossche (tbc)
- » **Renewables, a corner stone of the energy security of supply in Europe**
Commissioner for Energy, Günther Oettinger (tbc)
- » **Initiatives of the EP to support bioenergy market development**
European Parliament, Industry, Research and Energy – ITRE Committee
- » **Status quo and experiences with the implementation of the RES Directive**
European Commission – DG Energy and Transport, Hans van Steen
- » **Agriculture as a key sector to reach the RES objectives: potentials and opportunities for the European farmers**
European Commission – DG Agriculture, Hilikka Summa
- » **Towards a new paradigm: 100 % RENEWABLES by 2050**
EREC, Christine Lins
- » **The European Industrial Bioenergy Initiative**
European Commission – DG Research, Philippe Schild
- » **The European Renewable Heating and Cooling Platform**
EnBW, Gerold Göttlicher

Plenary Session: Renewable Energy Action Plans (16.00 – 18.00)

Each member state has to submit by June 2010 a Renewable Energy Action Plan in which measures to achieve the 2020 target have to be explained in detail. The session will address the bioenergy component of the plan, the state of play, and highlight some key countries. These plans will rule bioenergy markets for the next 10 years.

Chair: Gustav Melin, AEBIOM – SVEBIO

- » **State of the national renewable energy action plans**
EREC/REPAP project, Lucie Tesnière
- » **Bioenergy in the national action plans**
AEBIOM, Jean-Marc Jossart
- » **Converting DH to biomass in Eastern Europe**
Hungarian Biomass Research Center, Zsolt Gemesi
- » **How will UK address its ambitious objective**
Renewable Energy Association, Tricia Wiley
- » **Assessment of the German RES plan and recommendations of the bioenergy industry**
German Bioenergy Association BBE, Thomas Siegmund
- » **Discussion**

Session I: Biomass supply (Parallel 1: 09.00 – 10.30)

To reach the RES target many new bioenergy plants should be build in Europe. The session will address the biomass supply challenges and give some trends in fast moving sectors of pellets, energy crops, torrefaction technologies and waste.

- » **Biomass feedstock availability in Europe**
Keynote: University of Freiburg, Matthias Dees
- » **Trends in pellets production and the new ENplus quality standard**
proPellets, Christian Rakos
- » **Take off of energy crops in Spain**
RWE, Pedro Segovia
- » **Torrefaction – producing the optimal coal substitute from a variety of biomass feedstock**
EBES AG, Michael Wild
- » **What is waste and what is not?**
European Commission – DG Environment, Bartosz Zambrzycki
- » **Discussion**

Session II: Sustainability and certification (Parallel 1: 11.00 – 12.30)

Sustainability criteria have been defined for biofuels and bioliquids in the RES directive and the Commission recently issued a report for solid and gaseous biomass. The session will give an overview of certification and report about concrete experiences of biomass sustainability implementation in Germany and Belgium. The way forward will be discussed with the European Commission.

- » **Private and public certification initiatives for sustainability**
Keynote: IEA Task 40, Jinke van Dam
- » **Sustainability criteria for biomass for heat and electricity**
European Commission, DG Energy and Transport, Paul Hodson
- » **Implementation of the RES directive criteria in Germany**
BLE (Federal office for agriculture and food), Dr. Matthias Nickel/Anne Heuer
- » **Certification of pellets for power production**
GDF Suez/Electrabel/Laborelec, Yves Ryckmans
- » **Discussion**

Session III: Financing bioenergy (Parallel 2: 09.00 – 10.30)

Financing new bioenergy projects is always a challenge, especially after the financial crisis. How do bioenergy projects have to look like to be attractive for financing? Where are the risks, where the opportunities? The European Investment Bank will present its initiatives, including the future management of the 300 million allowances of the ETS new entrants reserve. This session will highlight experiences in Spain and United Kingdom and deliver the point of view of a large bank.

- » **Evaluation and financing of solid biomass and other bioenergy projects:**
EIB's tools and experience
Keynote: European Investment Bank – EIB, Pedro J. Ochoa
- » **Experience on financing bioenergy projects in Spain**
Gestamp-Biotermica, Emilio L. López Carmona
- » **Assessment of future UK investments in bioenergy**
Hawkins Wright, John Bingham
- » **How to make a biomass project "bankable"?**
Deutsche Bank AG, Paul Battelle
- » **Discussion**

Session IV: Bioenergy and climate change (Parallel 2: 11.00 – 12.30)

Bioenergy helps to combat climate change and this advantage, already fully integrated into the ETS scheme, will create more and more financing opportunities for new projects. The session will evaluate how climate change can catalyse new bioenergy projects.

- » **Opportunities for bioenergy in the climate change context**
Keynote: World Bioenergy Association, Kent Nyström
- » **Cities as actors in the climate change business: the case of Göteborg**
Göteborg Energi, Lars Holmquist
- » **Sustainable CO₂ certificate for biomass projects**
Greenstream, Dr. Aric Gliesche
- » **Financing of Biomass CHP-plants by participating in Emission Trading Scheme**
FutureCamp Climate GmbH, Thomas Mühlpointner
- » **Discussion**

Session V: Biogas (Parallel 1: 13.30 – 15.00)

Biogas is certainly a technology that offers plenty of opportunities because of large untapped biomass resources and versatile use of the biogas/biomethane for heat, electricity and even transport. After an overview of the biogas sector the session will provide a state of the art for MSW and injection in the natural gas grid, and will address economic aspects.

- » **Biogas in Europe**
Keynote: Aalborg University of Denmark, Jens Bo Holm-Nielsen
- » **State of the art of anaerobic digestion of municipal solid waste in 2010**
Organic Waste System, Bruno Mattheeuws
- » **Injecting biogas in the natural gas grid**
Dalkia GmbH, Daniel Hölder
- » **Business environment for new biogas projects**
EnviTec Biogas AG, Roel Slotman
- » **Discussion**

Session VI: Biorefineries and second generation biofuels (Parallel 1: 15.30 – 17.00)

Biorefineries help to maximise the value added out of biomass, through the integrated production of biomass-based energy products – like second generation biofuels, electricity, pellets and biogas-, and biomass-based chemicals and materials. The session will give the state-of-the-art of the biorefinery concept and highlight some industrial projects.

- » **Biorefineries – promising technologies**
Keynote: VTT Technical Research Centre of Finland, Tuula Mäkinen
- » **Turning ethanol plants in biorefineries**
Cropenergie AG, Dr.Lutz Guderjahn
- » **Overview of BiL projects in Europe**
Choren Biomass GmbH, Michael Deutmeyer
- » **The first straw biorefinery in Europe**
Inbicon/Dong Energy Power, Michael Schytz
- » **Discussion**

Session VII: Electricity and District Heating (Parallel 2: 13.30 – 15.00)

District heating (DH) with biomass is popular in Scandinavia but the future markets for DH are questionable, having in mind all efforts in Europe to insulate houses and decrease heat consumption. The session will analyze the potential and economics of DH/CHP in Europe, with highlights on Baltic States. Two technological case studies will be presented.

- » **The future of District Heating in Europe**
Keynote: Swedish District Heating Association, Erik Larsson
- » **Fuel conversion towards biomass in Baltic States**
Lithuanian energy consultants association (LEKA), Martynas Nagevicius
- » **Further delivery of green district heating (straw, wood, waste) for Copenhagen, based on the reconstruction of i.a. Avedøreværket (CHP)**
DONG Energy, Charles Nielsen
- » **Biomass fuelled CHP units based on ORC turbogenerators feeding district heating networks**
Turboden, Stéphane Sénéchal
- » **Analysis of national support mechanisms for CHP**
COGEN Europe, Fiona Riddoch
- » **Discussion**

Session VIII: Small scale heat (Parallel 2: 15.30 – 17.00)

Residential and service heating is the most important energy sector in Europe with 40 % of the total final energy consumption. The session will outline future market prospects and required technologies.

- » **Future role of boilers and stoves in Europe**
Keynote: European Platform for Small Scale Biomass Heating, Thomas Mühl
- » **Requirements of a manufacturer for developing markets for small scale heating**
HDG Bavaria GmbH, Christian Grachtrup
- » **Focus on the Italian heat market**
ETA, Maurizio Cocchi
- » **Innovation in pellets boiler technologies**
ÖkoFEN, Herbert Ortner
- » **Discussion**

Closing session: Messages from the conference (17.00 – 18.00)

Chairman: Heinz Kopetz, AEBIOM President

Short report by the 8 keynote speakers about findings of their session.

For each session a keynote speaker gives a good EU overview of markets and technologies and future trends, than he chairs the rest, with specific examples by companies, discussion forum with the public. Additional person can join the discussion panel.

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Evening dinner in European Parliament hosted by MEP Joseph Daul (20.00)

The European Parliament, a corner stone in bioenergy strategy

Participants will enter the prestigious European Parliament and have dinner in the restaurant of the parliamentarians. The MEP Joseph Daul will host the dinner and make a speech "The European Parliament, a corner stone in the bioenergy strategy". More than 100 persons are expected. A nice place to relax while continuing networking with participants of the conference.



Exhibition Information

Location

Albert Hall Complex, Chaussée de Wavre 649-651, 1040 Brussels, Belgium

Exhibition Opening Times

Wednesday, 30 June, 2010 09.00 a.m. – 6.00 p.m.

Thursday, 1 July, 2010 09.00 a.m. – 6.00 p.m.

Entry Fee for Exhibition

Day-ticket 15 € 2-Day-ticket 20 €

Free of charge for conference participants

Accommodation

A selection of hotels at reduced fares is available on the event web site.

Exhibition Organizer:

REECO Belgium sprl

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1030 Bruxelles, Belgium

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Conference Terms and Conditions

Registration: There is a limit on the maximum capacity for the event. By registering for the event, the participant is obliged to payment. Please pay immediately after receiving your invoice. For registrations shortly before the event, you may not receive an invoice, in this case, please pay cash at the event counter.

Cancellation: Cancellations (in writing only) are possible until 15 June 2010, and subject to a cancellation fee of 50,- €. After 15 June 2010 or if you fail to attend the event, the complete event fee is still due. A substitute participant is accepted anytime.

Programme: The programme is subject to change.

Conference Transcript/Services: The presentation documents (as far as presented by the speakers) are a summary of the lectures and will be published on the conference website (password protected) and made available for all participants.

Place of Jurisdiction: Brussels, Belgium

Protection of Privacy: Customer data is collected, stored and used for customer care and marketing purposes by AEBIOM and REECO. Customers agree with the further usage of their data by registering for a conference until explicitly cancelled.

Registration

Mandatory registration under notification of the overleaf Terms and Conditions.

If you register multiple participants, please fill out a separate form.

Below mentioned address is the billing address.

Online registration at www.renexpo-bioenergy.eu

Pre-Conference workshops (30 June) – free of charge

- EUBIONET III Workshop – Opportunities for the forest industry
- EUBIONET III Workshop – Emerging biomass resources
- Biogas in the European Regions

AEBIOM European Bioenergy Conference (30 June – 1 July)

- 450,- € Full registration fee to the conference
- 350,- € Fee for AEBIOM direct members
- 400,- € Early bird fee (registration before 30 April)
- 300,- € Early bird fee for AEBIOM members (registration before 30 April)

Parallel Sessions (1 July)

- 09.00 Parallel 1: Session I Biomass supply
- Parallel 2: Session III Financing bioenergy projects
- 11.00 Parallel 1: Session II Sustainability and certification
- Parallel 2: Session IV Bioenergy and climate change
- 13.30 Parallel 1: Session V Biogas
- Parallel 2: Session VII Electricity and District Heating
- 15.30 Parallel 1: Session VI Biorefineries and second generation biofuels
- Parallel 2: Session VIII Small scale heat

Dinner at the European Parliament (30 June):

- 50,- €

Company: _____

Conference Participant: _____

Street/PO BOX: _____

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Web-Site: _____

Date, Signature: _____

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