

The BioenNW Project

presents its Final International Conference.

Bioenergy Networks and Biomass Potentials - Valorising European Organic Residues

24 September 2015, EUBIA Conference Centre, Rond Point Schuman 6, B1040, Brussels, Belgium



The BioenNW Final International Conference will be focusing on the most promising technologies and strategies for an efficient exploitation of European biomass residues. Top level speakers, from the European Commission, leading research centres, universities and industries will be participating, for a full day on...

SUSTAINABLE BIOENERGY IN EUROPE

BioenNW Project at a Glance

The Concept: started in 2011 with the aim of promoting the wider adoption of local bioenergy in North West Europe (NWE), and thereby helping to realise the potential that exists in NWE for biomass to make a substantial contribution to increasing energy security, reducing carbon emissions and creating employment.

Bioenergy Support Centres: The project supports and promotes the take up of decentralised heat & power schemes at a small scale (<10MW total energy) through the novel integration of anaerobic digestion (AD) and intermediate pyrolysis. Five Bioenergy Support Centres (BSC) have been created in each region as a focal point for the propagation of new bioenergy schemes.

The Mobile Pyrofab: One of the main outputs of the BioenNW project is the mobile Pyrofab (20kg/h), which is now travelling in four NWE regions for a total of three months of organic residues testing activities. The quality of the resulting bio-oil and biochar will be analysed in order to demonstrate the competitiveness of the mobile Pyrofab as a commercial product.

CONFERENCE PROGRAMME

A WELCOME

09.30	Welcome by BioenNW Coordinator, Event presentation	J. Fletcher - BioenNW Coordinator
09.45	Welcome by INTERREG IVB	JTS Senior Representative

B EUROPEAN COMMISSION APPROACH ON BIOENERGY SECTOR

10.00	The role of biomass in future EU energy consumption	DG Energy
10.20	The potential of agricultural residues in EU bio-energy market	DG Agriculture
10.40	Future markets for low quality biomass processing technologies	Joint Research Centre

11.00 - 11.15 Coffee Break

C BIOEN-NW MOBILE PYROFAB - TESTING RESULTS and MARKET POTENTIAL

11.15	Pyroformer technology - Mobile Pyrofabs and feedstock testing	C. Serrano - <i>Aston University</i>
11.40	Agronomic valorisation of biochar in the EU	L. Metzger - <i>RITMO Agro Environment</i>
12.10	Bio-oil characterisation and potential industry application	D. Chiaramonti - <i>Renewable Energy Consortium</i>
12.35	Business Development Opportunities of Biobased energy in NW Europe	P. Gosselink - <i>Brabant Development Agency</i>

13.00 - 14.00 Lunch

D THE ROLE OF BIOENERGY IN FUTURE EU ENERGY MARKET - BIOEN-NW APPROACH

14.00	EU Council - New Climate and Energy Policy Framework for 2030	Andrea Salimbeni - <i>European Biomass Industry Association</i>
14.20	Sustainable management of biogenic residues for the Saarland region – new approaches and strategies	Michael Porzig - <i>IZES GmbH</i>
14.40	Assessment of sustainable biomass potentials in BioenNW regions	Martina Haase - <i>Karlsruhe Institute of Technology</i>
15.00	Decision Support Tool (WP3 Leader)	Lynsey Melville - <i>Birmingham City University</i>
15.20	Bioenergy Support Centres - An EU scalable model	Joanna Fletcher - <i>Aston University</i>

15.40-15.50 Coffee Break

E COMMERCIAL TECHNOLOGIES FOR EFFICIENT CONVERSION OF MOST RELEVANT RESIDUES

15.50	Potentials of Hydrothermal Carbonisation technology	Marisa Hernandez - <i>Ingelia Spain</i>
16.05	Potentials of intermediate pyrolysis for biomass waste valorisation	Clara Serrano - <i>Aston University</i>
16.20	Fast pyrolysis at a commercial scale	Wolter Prins - <i>University of Gent</i>
16.35	Gasification technology for waste treatment in Europe	Michael Harasek - <i>University of Vienna</i>
16.50	Future of thermo-chemical conversion technologies	Tony Bridgwater - <i>Aston University</i>

17.05 Closing Session and Mobile Pyrofab Video Presentation

18.00 End of the Conference

Contact us to register

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