

WORKSHOP

Utilisation of Waste Streams for Bioproducts and Bioenergy

on the occasion of the
2017 European Biomass Conference and Exhibition
(EUBCE 2017)
Stockholm, 12 - 15 June 2017

Date: Monday, 12th June 2017

Timing: 13.00 - 17.00

Location: Room K22, first floor

Contact

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This workshop is organised in the framework of the project BioREFINE-2G (www.biorefine2g.eu) supported by the European Commission in the 7th Framework Programme.

Current second generation biorefineries often utilize less than 20% of the biomass feedstock for ethanol production, and major side-streams are produced such as pentose and lignin waste streams, that are respectively used for biogas and energy production. Converting the carbon from these waste streams into added-value products would increase the otherwise low profitability and improve the environmental benefits of the biorefineries.

The project BioREFINE-2G aims at developing commercially attractive processes for efficient conversion of pentose-rich side-streams from biorefineries into dicarboxylic acids, which can be used as precursors for bio-based polymers including biodegradable polymers.

This workshop will present and discuss results from the BioREFINE-2G project with focus on innovative approaches and value chains towards the efficient utilisation of biorefinery waste streams for bioproducts and bioenergy.



WORKSHOP AGENDA

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13:00 *Registration and Light Lunch*

13:30 **Welcome to the Workshop**

RAINER JANSSEN, WIP RENEWABLE ENERGIES, GERMANY

13:45 **The BioREFINE-2G Project - Activities and Results**

IRINA BORODINA, TECHNICAL UNIVERSITY OF DENMARK

14:15 **Utilisation of Waste Streams - An Industry Perspective**

FREDDY TJOSÅS, BORREGAARD AS, NORWAY

14:45 *Coffee Break*

15:15 **Strain Development for Diacid Production**

VRATISLAV STOVICEK, TECHNICAL UNIVERSITY OF DENMARK

15:45 **Development of Polymerisation Methods**

AMADOR GARCÍA, AIMPLAS - INSTITUTO TECNOLÓGICO DEL PLÁSTICO, SPAIN

16:15 **Panel Discussion on Utilisation of Waste Streams for Bioproducts and Bioenergy**

MODERATION: IRINA BORODINA, TECHNICAL UNIVERSITY OF DENMARK

PANELLISTS:

FREDDY TJOSÅS, BORREGAARD AS, NORWAY

AMADOR GARCÍA, AIMPLAS - INSTITUTO TECNOLÓGICO DEL PLÁSTICO, SPAIN

BRUNO SOMMER FERREIRA, BIOTREND, PORTUGAL

JOSEP ROCAS, ECOPOL TECH S.L., SPAIN

MICHAEL BRUNS, IFU - HAMBURG INSTITUTE FOR ENVIRONMENTAL IT, GERMANY

MAURIZIO BETTIGA, CHALMERS UNIVERSITY OF TECHNOLOGY, SWEDEN

16:50 **Summary and Conclusions**

RAINER JANSSEN, WIP RENEWABLE ENERGIES, GERMANY

17:00 *End of the workshop*