



IBBA
INTER BALTIC BIOGAS ARENA

Sponsored by

Landia
GasMix

Organised by



Energiforsk



Institute for Biogas
Waste Management & Energy



All presentations and abstracts are available at www.ibbaworkshop.se

3rd IBBA Workshop 2015 September 10 Ängavallen, Vellinge, Sweden

Pretreatment of lignocellulosic substrates for biogas production

07:30 - 09:00	REGISTRATION WITH BREAKFAST
09:00 - 09:30	Welcome to the Inter Baltic Biogas Arena <i>Dr. Mattias Svensson, Energiforsk, Sweden</i> <i>Prof. Frank Scholwin, Institute for Biogas, Germany</i>
09:30 - 10:15	Keynote: Pretreatment of feedstock for enhanced biogas production <i>Dr. Günther Bochmann, BOKU University and IEA Bioenergy Task 37, Austria</i>
10:15 - 10:25	BREAK
10:25 - 10:55	Disintegration technologies – Impacts on biogas process and profitability <i>Dr. Britt Schumacher and Dr. Jan Liebetrau, DBFZ, Germany</i>

10:55 - 11:50

COMPANY PRESENTATIONS



Case Study: lignocellulosic substrates handling by the use of Landia GasMix Mixing Solution

Thorkild Maagaard, Landia GasMix, Denmark



Bioprocess Control: Smart Instruments for Biogas Experts

Alberto Benavides Cantú, Bioprocess Control, Sweden



Tekniska verken R&D Biogas

Sören Nilsson-Påledal, Tekniska Verken i Linköping, Sweden



Optimized biogas production from difficult substrates with enhanced TPH (thermo pressure hydrolysis)

Günter Doppelbauer, Yara, Germany

Knowledge grows

11:50 - 12:50

LUNCH BREAK

12:50 - 13:50

SPEED DATING

13:50 - 14:00

BREAK

14:00 - 14:30

Co-digestion of sewage sludge and municipal biowaste with thermal hydrolysis pre-treatment

Mats Edström, JTI - Swedish Institute of Agricultural and Environmental Engineering, Sweden

14:30 - 15:00

Sense and no-sense of pretreatment for increasing biogas yields

Prof. Hinrich Uellendahl, Aalborg University Copenhagen, Denmark

15:00 - 15:30

Conclusions from 10 years research of pretreatment of lignocellulosic substrates for biogas production

Dr. Ilona Sárvári Horváth, Borås University, Sweden

15:30 - 16:00

The technology platform for agricultural based lignocellulosic substrates

Case examples from R&D and full-scale implementation

Prof. Jens Bo Holm-Nielsen, Aalborg University, Denmark

16:00 - 16:30

COFFEE BREAK

16:30 - 17:00

Experiences with mechanical pre-treatment of horse dung on a biogas plant (190 KW)

Dr. Hans Oechsner, Hohenheim University, Germany

17:00 - 17:30

Microbiological options to enhance the anaerobic digestion of lignocellulosic biomass

Dr. Marcell Nikolausz, UFZ, Germany

17:30 - 18:00

The efficiency of conversion of cattle manure into biogas by the use of chosen physical pretreatment methods at the pilot scale

Mariusz Dubicki, University of Warmia and Mazury, Centre for Renewable Energy Research, Poland

18:00 - 18:10

CONCLUDING REMARKS

18:30 - 19:15

GUIDED TOUR ON THE FARM

19:30 - 22:00

CONFERENCE DINNER

Participant list IBBA 2015

Name	Affiliation - Email	Country
Mattias Svensson	Energiforsk - Swedish Energy Research Centre	Sweden
Frank Scholwin	Institute for Biogas, Waste Management & Energy	Germany
Oechsner Hans	Univ. of Hohenheim, Inst. Agric.Engineering Bioenergy	Germany
Hinrich Uellendahl	Aalborg University Copenhagen	Denmark
Eva-Maria Ekstrand	Linköpings Universitet	Sweden
Sören Nilsson Päledal	Tekniska verken i Linköping AB	Sweden
Jan Moestedt	Tekniska verken i Linköping AB	Sweden
Erik Nordell	Tekniska verken i Linköping AB	Sweden
Emma Kreuger	Lund University	Sweden
Anneli Petersson	SP	Sweden
Alberto Benavides Cantú	Bioprocess Control AB	Sweden
Marcell Nikolausz	Helmholtz Centre for Environmental Research	Germany
Ilona Sarvari Horvath	University of Borås	Sweden
Mariusz Dubicki	Univ. of Warmia and Mazury, Cent. Renew. Energy Res.	Poland
Günther Bochmann	Univ. of Natural Resources and Life Sciences, BOKU	Austria
Jens Bo Holm-Nielsen	Aalborg University	Denmark
Britt Schumacher	DBFZ gGmbH	Germany
Mats Edström	JTI - Swedish Inst. of Agric. and Environ. Engineering	Sweden
Lennart Huss	PURIFY Beijing Co. Ltd	Sweden
Samet Azman	Wageningen University	The Netherlands
Andreas Berg	Scandinavian Biogas Fuels AB	Sweden
Konstantinos Chandolias	Borås Högskolan	Sweden
Katrin Streffer	maxbiogas GmbH	Germany
Günter Doppelbauer	Yara Industrial GmbH	Germany
Sara Ekström	Yara AB	Sweden
Annika Björn	Tema Miljöförändring, Linköpings universitet	Sweden
Thorkild Maagaard	Landia A/S	Denmark
Henrik Östergaard	Landia A/S	Denmark
Mikael Runeson	Process & Industriteknik AB	Sweden
Benny Laursen	Laursen Consult	Poland
Rikke Lybæk	Roskilde University	Denmark
Karl Heinz Eckert	FARMATIC Anlagenbau GmbH	Germany
Anders Peter Jensen	Xergi A/S	Denmark
Paal Jahre Nilsen	Cambi A/S	Norge
Stefan Halldorf	Stefan Halldorf Konsult	Sweden
Roger Rothman	Eon Gas Sverige AB	Sweden
Anna Karlsson	Scandinavian Biogas	Sweden
Peter Odhner	Grontmij AB	Sweden
Emelie Persson	BioMil AB	Sweden
Marlene Mörtzell	SEKAB E-Technology	Sweden
Per Wennerberg	TecnoFarm	Sweden
My Carlsson	AnoxKaldnes	Sweden
Lech Ciurzynski	BIA Consultor Rybka-Ciurzynska, Ciurzynski Sp.j.	Poland
Kristina Engdahl	SLU ALnarp	Sweden
Omar Abdelaziz	Lund University	Sweden
Nils Isbak	Novozymes A/S	Denmark
Krithika Ravi	Lund University	Sweden
Hans Henrik Hansen	FARMATIC Anlagenbau GmbH	Germany
Anne Seth Madsen	NIRAS	Denmark
Lennart Mårtensson	Kristianstad University	Sweden
Louise Halkjaer	Purac Puregas	Sweden
Lars Holmene	Indutec	Sweden
Ivo Achu Nges	Indienz AB	Sweden
Mirjam Viktorin	Chemical Engineering, Lund University	Sweden
Stefan Sandbacka	Cambi A/S	Finland
Nicklas Uvelöv	Bioprocess Control AB	Sweden

