

Baltic Bioeconomy Days

10 -12 March 2020 in Rostock (Germany)

Location: University of Rostock, Justus-von-Liebig-Weg 8

1st Day BioBIGG Conference

*2nd & 3rd Day BalticBiomass4Value
Conference and Workshop*



EUROPEAN
REGIONAL
DEVELOPMENT
FUND

BalticBiomass4Value

Agenda Baltic Bioeconomy Days Rostock

Date: 10th – 12th March 2020

Location: University of Rostock, Faculty of Agricultural and Environmental Sciences

Venue: [7 Hörsaal HSL](#), Justus-von-Liebig-Weg 8, 18059, Rostock, Germany

Registration: [here](#)

Cost: Free of charge

Organiser: Agency for Renewable Resources (FNR)

Day 1: Tuesday, 10th March 2020, 08:30 – 17:00

Conference of the Interreg South Baltic Project

BioBIGG:

“Bioeconomy in the South Baltic Area: Biomass-based Innovation and Green Growth”

8:30 – 9:00

Registration and welcome coffee

9:00 – 9:10

Opening

Jana Ohlendorf, Agency for Renewable Resources - FNR (Germany)

Session 1: BioBIGG and the EU Strategy for the Baltic Sea Region (EUSBSR)

9:10 – 9:35

Development potentials in the South Baltic Area in view of the EU Strategy for the Baltic Sea Region (EUSBSR)

Wolf Born

9:35 – 10:00

Future challenges in SME development in the South Baltic Area

Alexander Schwock, Contact Point Mecklenburg-Vorpommern Interreg South-Baltic/ Europa-Lotse – VG

10:00 – 10:25

BioBIGG – Achievements of the project

Prof. Tyge Kjær, Roskilde University (Denmark)

10:25 – 10:50

State of play of bioeconomy and the development of a common framework for sustainable bioeconomy

Aleksandra Gołębek, Gdansk University of Technology (Poland)

10:50 – 11:10

Networking coffee break

Session 2: Current Developments in Bioeconomy in the South Baltic Area

- 11:10 – 11:35 **From residue to food and feed – protein, fibers and phenolic compounds from leafy side streams (working title)**
Thomas Prade, Swedish University of Agricultural Sciences (Sweden)
- 11:35 – 12:00 **Building a cross-border sustainable bioeconomy network in the South Baltic Area**
Jana Ohlendorf, Agency for Renewable Resources - FNR (Germany)
- 12:00 – 12:25 **Technology Development for the Economic and Ecological Utilization of Biomass and other Alternative Residues through Carbonization Processes**
Dr. Bassel Ibrahim, Innovation and Education Center e.V. Hohen Luckow (IBZ);
Prof. Dr. Norbert Kanswohl, University of Rostock & Dipl. Ing. Maik Orth (IBZ)
- 12:25 – 13:00 **BIC Country reports – Baltic states**
Marco Rupp, BIC
- 13:00 – 14:00 **Networking lunch**

Session 3: BioBIGG Pre-Feasibility Studies and Innovation Programmes

- 14:00 – 14:25 **Pre-Feasibility Study and Innovation Programme Denmark**
Rasmus Hansen, Roskilde University (Denmark)
- 14:25 – 14:50 **Suck it up – renewable superabsorbants (working title)**
Bill Newson, Swedish University of Agricultural Sciences (Sweden)
- 14:50 – 15:15 **Processing and preparation of organic apple seed casings for the production of alternative high-quality protein sources**
Max Mittenzwei, University of Greifswald (Germany)
- 15:15 – 15:40 **Pre-Feasibility Study and Innovation Programme Poland**
Roksana Bochniak, Gdansk University of Technology (Poland)
- 15:40 – 16:00 *Networking coffee break*
- 16:00 – 17:00 **Panel discussion on BioBIGG Pre-Feasibility Studies and Innovation Programmes**

Day 2: Wednesday, 11th March 2020, 08:30 – 14:00

**1st part of the opening conference of the Interreg Baltic Sea Region Project
BalticBiomass4Value:
“Unlocking the Potential of Bio-based Value Chains in the Baltic Sea Region”**

8:30 – 9:00 *Registration and welcome coffee*

9:00 – 9:10 **Opening**

Diego Piedra-Garcia, Virginija Kargytė

Project Manager at the Agency for Renewable Resources – FNR (Germany)

Representative of Vytautas Magnus University (Lithuania)

Plenary session 1:

Discovering opportunities to unlock the potential of biobased value chains in the Baltic Sea Region

9:10 – 9:30 **Outlook on the new INTERREG Baltic Sea Region Programme**

Jan Schmidt, Project Officer of the Managing Authority/Joint Secretariat of the Interreg Baltic Sea Region (Germany)

9:30 – 9:50 **Analysis on market outlook and future viability of different bioenergy products and value chains in the Baltic Sea Region energy system**

Dr. Erik Trømborg, Professor of the Faculty of Environmental Sciences and Natural Resource Management, Norwegian University of Life Sciences (Norway)

9:50 – 11:10 **Mapping biomass value chains for improved sustainable energy use in the Baltic Sea Region**

Dr. Michał Krzyżaniak, Associate Professor of the Faculty of Environmental Management and Agriculture and the Centre for Bioeconomy and Renewable Energies at the University of Warmia and Mazury in Olsztyn (Poland)

11:10 – 11:30 **What do we know about business model innovation for biomass development?**

Dr. Henrik Barth, Dr. Per-Ola Ulvenblad & Dr. Pia Ulvenblad, Researchers from the School of Business, Engineering and Science at Halmstad University (Sweden)

11:30 – 12:00 *Networking coffee break*

Plenary session 2:

Creating enabling environment for sustainable bioenergy and circular bioeconomy development in the Baltic Sea Region

12:00 – 13:00 **Panel discussion: Towards sustainable bioenergy and circular bioeconomy – effective measures, challenges and priorities for the future**

Moderator: Virginija Kargytė

Project Manager of the BalticBiomass4Value from Vytautas Magnus University (Lithuania)

Speakers:

- Philipp von Bothmer (TBC)

Senior Advisor for the EU & International Affairs at the FNR and Member of the SCAR Bioeconomy Strategic Working Group (SCAR BSW) - (Germany)

- Martti Mandel

Head of Agricultural Environment Bureau of the Ministry of Rural Affairs of the Republic of Estonia (Estonia)

- Dr. Darius Liutikas

Head of Research and Innovation Unit of the Ministry of Agriculture of the Republic of Lithuania and representative of macro-regional cooperation initiatives - the EUSBSR Policy Area "Bioeconomy" and the Central-Eastern European Initiative "BIOEAST" (Lithuania)

- Natalia Goleva

Head of Department for International and Interregional Cooperation at the Committee on Economic Development and Investment Policy of the Pskov Region (Russian Federation)

- Kristaps Ročāns

Project Manager at the Vidzeme Planning Region (Latvia)

- Dr. Vilija Aleknevičienė

Director of Research Institute for Bioeconomy at Vytautas Magnus University (Lithuania)

13:00 – 14:00 **Networking lunch**

End of the 1st part of the BalticBiomass4Value conference

1st part of the workshop for business enterprises

Workshop for business enterprises 1st session:

Theme of the session:

Unlocking the Potential of Bio-based Value Chains –Policy framework agenda for business enterprises

Brainstorming with [slido](#)

Event code: #Z317

- 14:00 – 14:20 **Nutrients recovery in agricultural residual streams - manure, digestate and surfacewater**
[Grüne Kaskade](#) project funded by the Interreg Deutschland Nederland
3N Lower Saxony Network for Renewable Resources and Bioeconomy (Germany)
- 14:20 – 14:40 **Putting paludiculture into practice: Integration - Management - Cultivation**
[PaludiPRIMA](#) project funded by the FNR on behalf of the Federal Ministry of Food and Agriculture - BMEL
Telse Vogel, State Research Center for Agriculture and Fisheries Mecklenburg-Vorpommern (Germany)
- 14:40 – 15:20 **Workshop for business enterprises in groups**
- 15:20 – 15:30 *Networking coffee break*

Workshop for business enterprises 2nd session:

Theme of the session:

Unlocking the Potential of Biobased Value Chains – Agenda of business enterprises and R&D institutions

Brainstorming with [slido](#)

Event code: #C436

15:30 – **Vital ingredients and regional hotspots for successful entrepreneurship and business in rural areas**
15:50

[RUBIZMO](#) & [GO-GRASS](#) *funded by the European Union's Horizon 2020 Research and Innovation Programme*

Dr. Philipp Grundmann, The Leibniz Institute for Agricultural Engineering and Bioeconomy (Germany)

15:50 – **World café: success stories and emerging biobased business models in the Baltic Sea Region**
16:50

Moderator: Dr. Ants-Hannes Viira, Director of the Institute of Economics and Social Sciences at the Estonian University of Life Sciences (Estonia)

Table host leaders:

- Roomet Sõrmus

Chairman of the Board of the Estonian Chamber of Agriculture and Commerce (Estonia)

- Mindaugas Šilininkas

Vice Chairman of the Board of the Forest and Land Owners Association of Lithuania (Lithuania)

- Dr. Inga Matijošytė

Vice President of the Lithuanian Biotechnology Association (Lithuania)

- Jānis Garančs

Representative of the Latvian High Added Value and Healthy Food Cluster (Latvia) – TBC

- Sascha Hermus

3N Lower Saxony Network for Renewable Resources and Bioeconomy (Germany)

16:50 – 17:30 **Highlights of the day and announcements about the following day events**

Diego Piedra Garcia, Project Manager at the Agency for Renewable Resources - FNR (Germany)

Day 3: Thursday, 12th March 2020, 08:30 – 13:00

**2nd part of the opening conference of the Interreg Baltic Sea Region Project
BalticBiomass4Value:
“Unlocking the Potential of Biobased Value Chains in the Baltic Sea Region”**

8:30 – 9:00 *Registration and welcome coffee*

9:00 – 9:10 **Setting the scene**

Diego Piedra Garcia

Project Manager at the Agency for Renewable Resources - FNR (Germany)

Plenary session 3:

Bioenergy role in the renewable energy mix and tools supporting bioenergy sector development

9:10 – 9:30 **Microalgae harvest from eutrophic natural waterbodies as an ecosystem service to counteract eutrophication**

Jannik Faustmann, State Agency for Agriculture, Environment and Rural Areas of Schleswig-Holstein (Germany)

Representative of the BEMIP renewable energy working group (TBC)

9:30 – 9:50 **The ENERGY BARGE model shift platform and its transferability to other projects as a decision support tool**

Dr. Wolfgang Dorner, Professor of the Deggendorf Institute of Technology (Germany)

9:50 – 10:10 **New renewable energy technologies for sustainable development of rural areas and low-carbon agriculture**

Dr. Ewelina Olba-Zięty, Faculty of Environmental Management and Agriculture and the Centre for Bioeconomy and Renewable Energies at the University of Warmia and Mazury in Olsztyn (Poland)

10:10 – 10:30 **Bioeconomy in the South Baltic area: Biomass-based innovation and green Growth**

Jana Ohlendorf, Representative of the BioBIGG project and project manager at the Agency for Renewable Resources – FNR (Germany)

10:30 – 11:00 *Networking coffee break*

Plenary Session 4:

Innovative Approaches for the Deployment of Biomass Resources

- 11:00 – 11:20 **BIOproducts from lignocellulosic biomass derived from marginal land to fill the gap in current national bioeconomy (BIOmagic Project)**
Dr. Mariusz Jerzy Stolarski, Professor of the Faculty of Environmental Management and Agriculture and the Centre for Bioeconomy and Renewable Energies at the University of Warmia and Mazury in Olsztyn (Poland)
- 11:20 – 11:40 **Methods used to collect and recycle beach wrack for compost and soil products**
Steffen Aldag, Hanseatischer Umwelt CAM GmbH, representative of the CONTRA - project (Germany)
- 11:40 – 12:00 **Microwave discharges and ultrasonic – A synergy as the next generation of biomass disintegration?**
Tim Kuhlow, Chair of Agricultural Technology and Process Engineering, Faculty of Agricultural and Environmental Sciences, University of Rostock (Germany)
- 12:00 – 13:00 **Networking lunch**

End of the 2nd part of the BalticBiomass4Value conference

2nd part of workshop for business enterprises

Workshop for business enterprises: Field trips

From 13:00 **Group 1:**
Field trip to Veolia Umweltservices Nord GmbH

From 13:00 **Group 2**
Field trip to Hanseatische Umwelt CAM GmbH

End of the 2nd part of the BalticBiomass4Value workshop