

Baltic Bioeconomy Days

11 -12 March 2020 in Rostock (Germany)

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



EUROPEAN
REGIONAL
DEVELOPMENT
FUND

BalticBiomass4Value

Agenda Baltic Bioeconomy Days Rostock

Date: 11th – 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

Cost: Free of charge

Organiser: Agency for Renewable Resources (FNR)

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 – 17:00

BioBIGG programme was cancelled

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 – 9:40 **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)

9:40 – 10:10 **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)

10:10 – 10:40 **What do we know about business model innovation for biomass development?**

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

10:40 – 11:00 *Networking coffee break*

Plenary session 2:

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

11:00 – 11:15 **Overview on bioeconomy project under the current INTERREG BSR programme**

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

11:15 – 12:00 **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:

- Birger Kerckow

Head of the Department EU & International Affairs at the FNR and Member of the IEA Bioenergy (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)

12:00 – 13:00 **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 – Agenda for bioenergy business enterprises

Brainstorming with [slido](#)

Event code: #Z317

- 13:00 – 13:15 **Bioenergy workshop introduction: Status und goals**
Diego Piedra-Garcia, , project manager at the Agency for Renewable Resources – FNR (Germany)
- 13:15 – 13:40 **Nutrients recovery in agricultural residual streams - manure, digestate and surfacewater**
[Grüne Kaskade](#) project funded by the Interreg Deutschland Nederland
Sascha Hermus, 3N Lower Saxony Network for Renewable Resources and Bioeconomy (Germany)
- 13:40 – 14:05 **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)
- 14:05 – 14:55 **Workshop for business enterprises in groups**
- 14:55 – 15:15 *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

15:15 – 15:40 **Vital ingredients and regional hotspots for successful entrepreneurship and business in rural areas**

[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)

15:40 – 16:40 **World café: success stories and emerging biobased business models in the Baltic Sea Region**

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)

- Sascha Hermus

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

16:40 – 17:00 **Highlights of the day and announcements about the following day events**

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

End of the 1st part of the BalticBiomass4Value workshop

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)

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 **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)

10:10 – 10:30 **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)

10:30 – 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

Thursday, 12th March 2020, 13:00 – 17:00

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