



VYTAUTAS MAGNUS  
UNIVERSITY  
AGRICULTURE  
ACADEMY



Life Sciences  
Center



Lietuvos miško ir žemės savininkų asociacija  
Forest and Land Owners Association of Lithuania



Norwegian University  
of Life Sciences



NIBIO  
NORWEGIAN INSTITUTE OF  
BIOECONOMY RESEARCH



Norsk Bioenergiforening



Fachagentur Nachhaltende Rohstoffe e.V.



# Bio-based Industries Fast Forward

International Conference and  
Business Networking Event

17<sup>th</sup> September 2020

*Semi-virtual multiple-location format*

Event is organized in the framework of the Interreg Baltic Sea Region Programme's project "Unlocking the Potential of Bio-based Value Chains in the Baltic Sea Region" (*BalticBiomass4Value*), which is being implemented by 17 business, science and public sector organizations from Lithuania, Latvia, Estonia, Germany, Poland, Sweden, Norway, and Russia.



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND

**BalticBiomass4Value**

# Plenary session

*Physical meeting in Lithuania* – Part of participants from Lithuania at the Hall of the Central Building of Vytautas Magnus University Agriculture Academy, Studentų Street 11, Kaunas District

*Online participation* – Participants from the Baltic Sea Region and beyond

Thursday, 17<sup>th</sup> September 2020

**LT**  
10:30 – 11:00 *Physical meeting in Lithuania* – Registration, welcome coffee & tea

**NO / DE**  
9:30 – 10:00

## Opening

**LT**  
11:00 – 11:10  
**NO / DE**  
10:00 – 10:10



**Lithuanian bio-tech as a driving force for the development of sustainable bio-based industries**

Tomas Andrejauskas, *President of the Lithuanian Biotechnology Association, Chairman of the Committee of Innovation, Research and Technology at the Lithuanian Confederation of Industrialists* (Lithuania)

**LT**  
11:10 – 11:20  
**NO / DE**  
10:10 – 10:20



**Recent developments and opportunities for bioenergy in Norway**

Henriette Vivestad, *Managing Director of the Norwegian Bioenergy Association* (Norway)

## Keynote speakers

**LT**  
11:20 – 11:40  
**NO / DE**  
10:20 – 10:40



**The European Green Deal as an opportunity for sustainable business development**

Astrid Schomaker, *Director for Global Sustainable Development in the European Commission's Directorate-General for Environment* (Belgium)

**LT**  
11:40 – 12:00  
**NO / DE**  
10:40 – 11:00



**Activities of the Bio-Based Industries Consortium that represents private sector in the public-private partnership with the European Commission for investing in bio-based innovations**

Nelo Emerencia, *Programming Director of the Bio-Based Industries Consortium* (Belgium)

**LT**  
12:00 – 12:10  
**NO / DE**  
11:00 – 11:10



**Perspectives of the European biogas sector and innovative uses of biomass for energy and other bio-based products**

Susanna Pflüger, *Secretary General of the European Biogas Association* (Belgium)

**LT**  
12:10 – 12:30  
**NO / DE**  
11:10 – 11:30



**Achievements and future directions of the Policy Area “Bioeconomy” within the European Union Strategy for the Baltic Sea Region**

Torfi Jóhannesson, *Senior Adviser of the Nordic Council of Ministers* (Denmark)

**LT**  
12:30 – 12:50  
**NO / DE**  
11:30 – 11:50



**Biomass potential and its deployment opportunities in countries of the Baltic Sea Region**

Mariusz Stolarski, *Professor of the Centre for Bioeconomy and Renewable Energies at the University of Warmia and Mazury in Olsztyn* (Poland)

**LT**  
12:50 – 13:10  
**NO / DE**  
11:50 – 12:10



**Prospects of bioenergy sector in the Baltic Sea Region during times of increased competition for biological resources and low prices of fossil fuels**

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

**LT**  
13:10 – 13:20  
**NO / DE**  
12:10 – 12:20



**Funding opportunities under the European Economic Area and Norway Grants for strengthening cooperation and the development of green businesses**

Konrad Konieczny, *Programme Officer of the European Economic Area and Norway Grants at the Innovation Norway Warsaw Office* (Poland)



**Moderator:**

Virginija Kargytė, *Coordinator of the BalticBiomass4Value Project, Vice President of the Lithuanian Biotechnology Association* (Lithuania)

LT  
13:20 – 14:00  
NO / DE  
12:20 – 13:00

*Physical meeting in Lithuania – Networking lunch*

## Parallel sessions

Thursday, 17<sup>th</sup> September 2020

LT  
14:00 – 14:40  
NO / DE  
13:00 – 13:40

Introducing leading examples

Presentations and brief Q&A session



– Guest speaker

**Case of Consorzio Italbiotec**  
Ilaria Re, EU Project Office Director at the Consorzio Italbiotec, the Italian leading consortium in the biotechnology sector (Italy)



– Guest speaker

**Case of German biogas sector**  
Marc Reinhard, International Affairs at the German Biogas Association (Germany)



– Guest speaker

**Case of Borregaard AS**  
Gudbrand Rødsrud, Technology Director at Borregaard AS, the operator of advanced biorefinery that produces environmentally friendly biochemicals and biomaterials replacing oil-based products (Norway)

LT  
14:40 – 16:10  
NO / DE  
13:40 – 15:10

Parallel transnational B2B sessions

Exchange of interests, matchmaking, discussions

**Transnational B2B session 1: Innovative uses of various biomass resources for the production of high-value sustainable bio-based products**



– Moderator

Inga Matijošytė, Head of the Sector of Applied Biocatalysis at Vilnius University Life Sciences Centre Institute of Biotechnology, Vice President of the Lithuanian Biotechnology Association (Lithuania)

**Related business models:**

- Sustainable bio-based products from plant-based biomass #Feed #Solid fuel #Other bio-based products
- Sustainable and novel bio-based products from waste #Other bio-based products (straws, spoons, cups)
- High-value bio-based products from circular bioeconomy #Ingredients for nutraceuticals #Feed
- High-value bio-based products from knowledge-based processing #Cosmetics #Nutraceuticals #Pharmaceuticals
- Innovation in novel fuels and biochemicals #Liquid or gas fuel #Bio-chemicals

**Transnational B2B session 2: Innovative uses of agricultural and aquatic biomass for the production of sustainable bioenergy and other bio-based products**



– Moderator

Kęstutis Navickas, Professor of the Institute of Energy and Biotechnology Engineering at Vytantas Magnus University Agriculture Academy (Lithuania)

**Related business models:**

- Circular bioeconomy in agricultural production #Heat for industry #Electricity #Food and drinks
- Fuel and electricity from biogas #Liquid, gas or solid fuel #Electricity
- District heating and electricity from various sources #District heating #Electricity #Fertilizers
- Specialized heat and electricity production and services #District heating #Heat for industry #Electricity

**Transnational B2B session 3: Innovative uses of forest biomass and municipal waste for the production of sustainable bioenergy and other bio-based products**



– Moderator

Mindaugas Šilininkas, Director of Euromediana Ltd., Vice Chairman of the Board of the Forest and Land Owners Association of Lithuania (Lithuania)

**Related business models:**

- Heat and fuel from woody biomass #Solid or gas fuel #District heating
- Bio-based fertilizers for increased soil quality #Bio-based fertilizers
- Utilization of municipal waste and sewage #Bio-based fertilizers #District heating
- District heating and electricity from various sources #District heating #Electricity #Fertilizers
- Specialized heat and electricity production and services #District heating #Heat for industry #Electricity

LT  
16:10  
NO / DE  
15:10

Parallel national sessions

- **Lithuanian session: Relevant support instruments for Lithuanian businesses** (*Aktualios paramos priemonės Lietuvos verslui*)
- **Norwegian session: Wrap up and ideas to follow up** (*Oppsummering og ideer til videre oppfølging*)
- **German session: Local heating networks with biomass and biogas as a fuel** (*Nahwärmenetze mit Biomasse und Biogas als Kraftstoff*)