



# The role of the BIOEASTsUP project in exploiting bioeconomy of CEEc

Magdalena Borzęcka

Institute of Soil Science and Plant Cultivation - State Research Institute

Teodora Marinova

Quadro Synergy Ltd.

**BIO**  
EAST   
SUP



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# BIOEASTsUP - Advancing Sustainable Circular Bioeconomy in Central and Eastern European countries

- Coordination and Support Action in Horizon 2020
- **Start:** 1 October 2019 **End:** 30 September 2022
- **Duration:** 36 months
- **Budget:** 3 M€
- **Coordinator:** IUNG (Poland)
- 21 partners from 11 countries

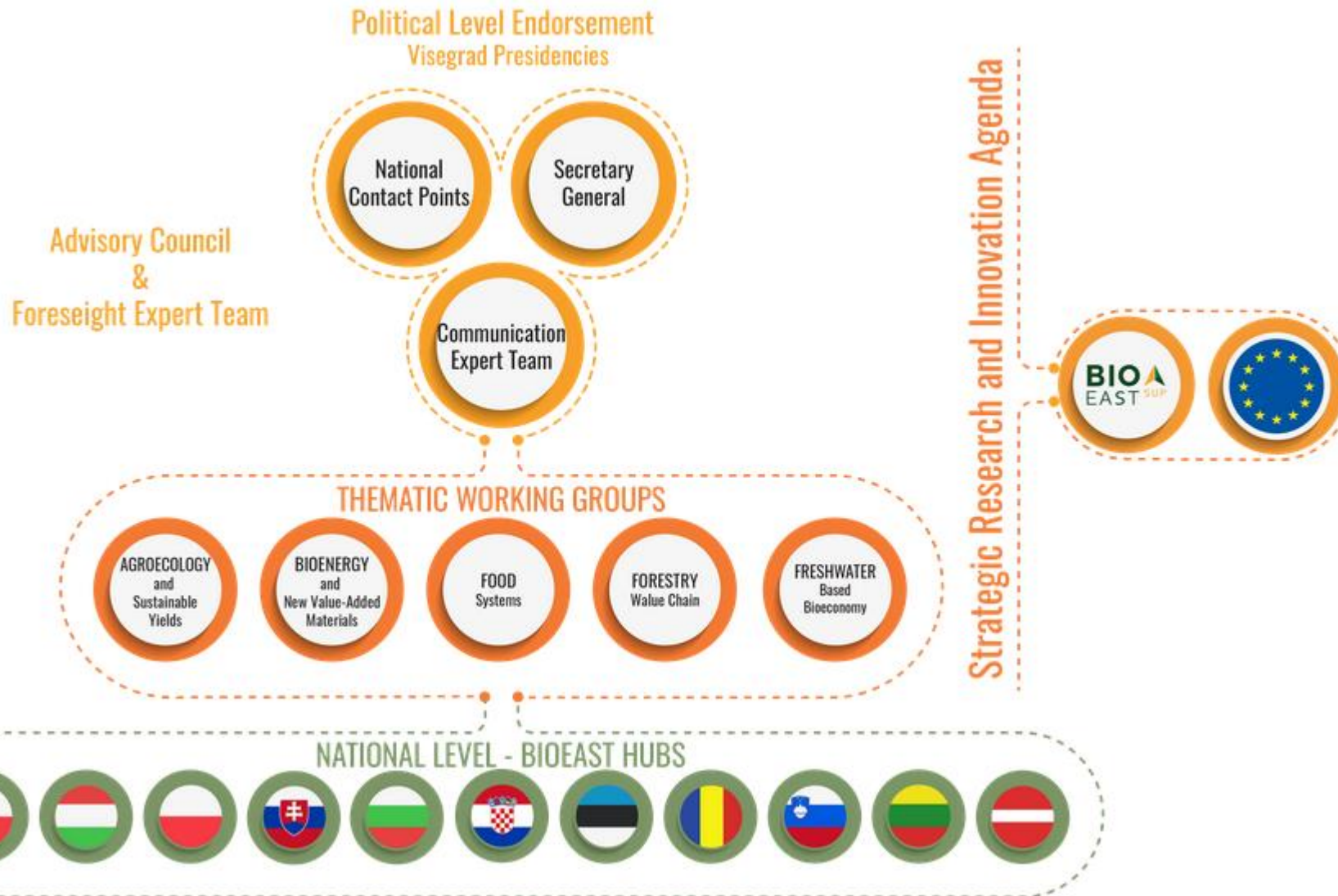


# BIOEAST<sub>SUP</sub> to support the BIOEAST Initiative and its Action Plan for the transition of 11 Central and Eastern European (CEE) countries to bioeconomy

1. To support the national level bioeconomy strategic thinking:
  - National Bioeconomy Strategy Development
  - Macro-regional Strategic Research and Innovation Agenda (SRIA)
2. To establish the stakeholders engagement at national level
3. To support the thematic working groups for SRIA development at macro regional level (organizational arrangements and studies)
4. To set-up and run the Advisory Council for the Initiative
  - Subtask: Foresight Exercise feeding into the SRIA



# BIOEAST - CENTRAL AND EASTERN EUROPEAN INITIATIVE FOR KNOWLEDGE-BASED AGRICULTURE, AQUACULTURE AND FORESTRY IN THE BIOECONOMY



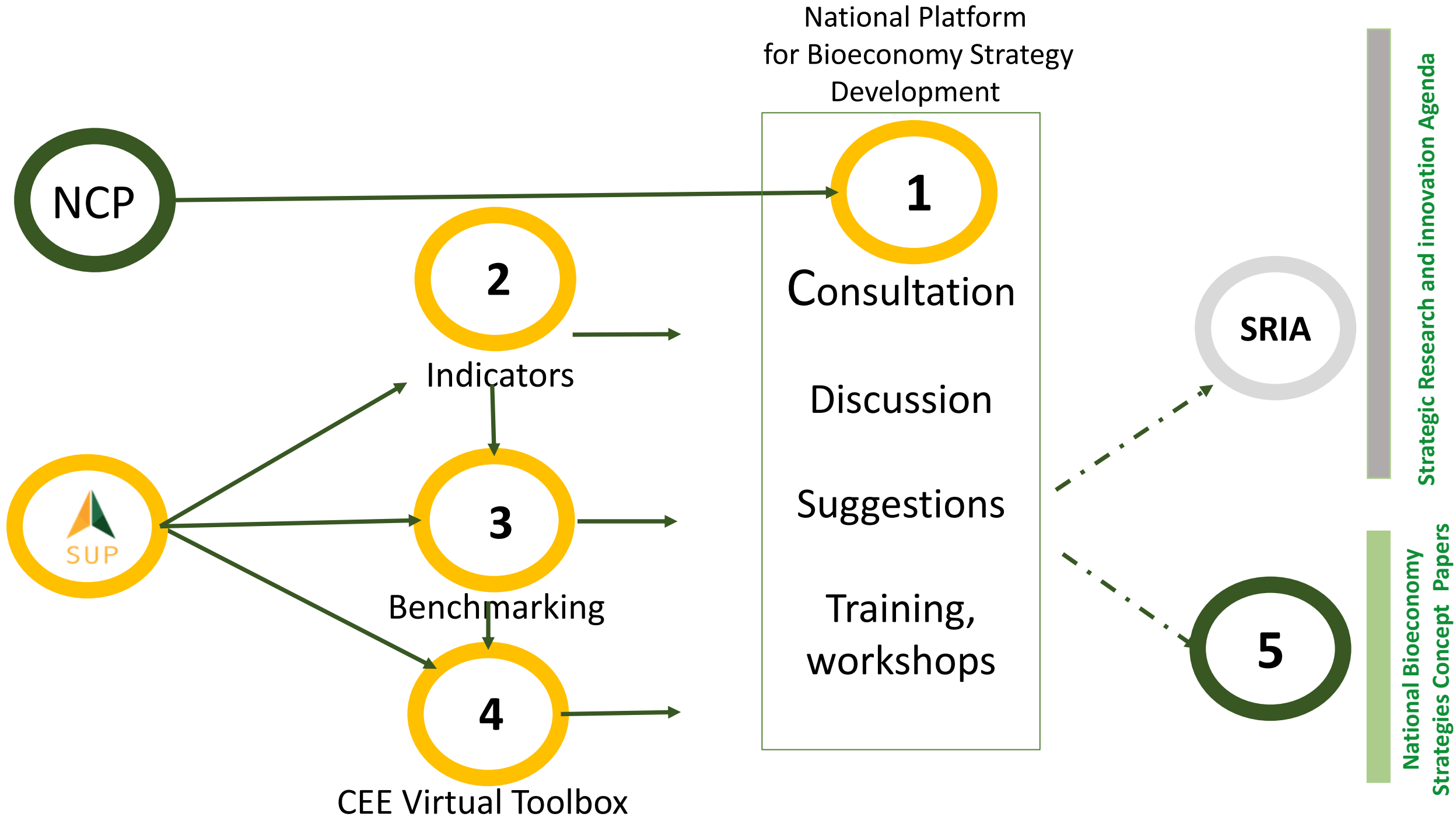
Through the governmental initiative, the Central and Eastern European (CEE) countries set the vision for 2030:  
to **develop knowledge and cooperation based circular bioeconomies**, which helps to enhance their inclusive growth and to create new value-added jobs especially in rural areas, maintaining or even strengthening environmental sustainability.



## National platforms for bioeconomy strategy development

The main driving force of the national platforms for bioeconomy development are the **inter-ministerial groups** (BAIMG) and the **national stakeholder** (NSG)

**different approaches:** in **Estonia** there will be one group only as the number of stakeholders is limited and they can be involved directly in the BAIMG and discuss all topics; in the **Czech Republic**, a BIO Hub has been established; in **Bulgaria**, mirror groups to the BIOEAST TWGs have been created.



# Developing a CEE Virtual Toolbox

1. Information about **existing tools** from relevant partners or projects
2. **System dynamic model (SDM)**, that has been **created for Latvia** will be **updated and improved accordingly**

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## SECOND STEP IS TO

Back to the map

Bio-based products, bion

Instruments and

REPORTS ON Mo



ADVANCEFUEL STAKEHOLDER  
PLATFORM

Facilitating market roll-out of RESfuels in the  
transport sector to 2030 and beyond

ADVANCEFUEL

Website  
link

Partnering platform

The Industrial Biotech Research and Innovation  
Platforms Centre - towards Technological Innovation  
and solid foundations for a growing industrial  
biotech sector in Europe

BIO-TIC

Website  
link

e studies, pilots

ICT solutions

ICT Tools in Efficient Biomass Supply Chains for  
Sustainable Chemical Production

ICT-BIOCHAIN

Website  
link

profiles

Bioeconomy Platform

Bioeconomy Regional Strategy Toolkit, New  
Strategies on Bio-Economy in Poland

BERST, BioEcon

Website  
link



# Capacity Building for Stakeholders



Series of webinars for researchers, rural facilitators, farmers and industrial players for developing skills and enhancing capacities in bioeconomy

Series of trainings for different target groups, good practice of the technology transfer in BE from the BIOEAST Region

Role play game: Bioeconomy strategy development

# Capacity Building for Stakeholders Introduction Webinar of the BIOEASTsUP training program



## INTRODUCTION WEBINAR

**23 March 2021, 09:00 -12: 00** Financial and business opportunities for BIOEAST stakeholders for better use of the circular bioeconomy potentials

**Circular Bioeconomy definition**

**Financial opportunities for the BIOEAST countries on the topic of circular bioeconomy in the next program**

**Biorefinery concept general presentation and pathways**

**Good example of bioeconomy business model**

**Who can help in the bioeconomy business implementation**

REGISTRATION PAGE: <https://bioeastsup.europamedia.org/>

# Dates of the training sessions

INDUSTRIAL STAKEHOLDERS	RESEARCHERS	ADVISORS
April 20-21	April 20-21	April 26-27
May 13-14	May 10-11	May 3-4
May 18-19	May 13-14	May 17-18

**INDUSTRIAL STAKEHOLDERS:** The target groups are those farmers, cooperatives, start-ups, SMEs, non-for profit companies, clusters, business associations, big industrial players, which do wish to gain general knowledge about bioeconomy related business models, sustainable biomass valorization, and modern biorefinery concepts.

**RURAL FACILITATORS:** The target groups are those advisors, bioeconomy related clusters or consultancies, business associations, who can facilitate and mobilize the bioeconomy related stakeholders to turn to bioeconomy and to utilize unused biomass or to implement an idea related to bioeconomy. The training helps them in shaping bioeconomy value chains.

**RESEARCHERS:** The target groups are those researchers or project managers who wish to compete their bioeconomy-related research on the international research scene. Furthermore, those who are interested in Horizon Europe calls and are open to collaborating with different types of actors in the implementation of a bioeconomy related project.



# THE KNOWLEDGE EXCHANGE WORKSHOP



## **PROGRAM FOR PRACTITIONERS AND INDUSTRIAL STAKEHOLDERS,**

- a) How do new innovative solutions work in real life at business scale?
- b) Why business model thinking is important in bioeconomy and what are the barriers to its effective use
- c) How can new business models be achieved in a sustainable way and improve the system thinking on business scale?
- d) How to bring a good business model to implementation?
- e) How to use the potential of the results of research and technology transfer activities?

## **PROGRAM FOR RURAL FACILITATORS,**

Thematic Modules to develop the skills and competencies

- a) Goal Setting Module
- b) Communication Module
- c) Diversity Module
- d) Effective Cooperation Module
- e) Canvas Module

## **PROGRAM FOR RESEARCHERS**

- a) proposal development
- b) financial aspects
- c) budget development.

Registration  
for the  
training  
program is  
done  
through  
[BIOEAST](#)  
[NCP](#)

# BIOEAST Thematic Working groups (TWGs)

TWGs are operating within the **BIOEAST Initiative** as a lasting macro-regional thematic network, represented by nationally nominated representatives of ministries, academia and industry.

The topics of the TWGs reflect the macro-region's key BE sectors:

- (i) Freshwater-based Bioeconomy,
- (ii) Agroecology and Sustainable Yields,
- (iii) Food Systems,
- (iv) Bioenergy and Bio-based Materials and
- (v) Forestry Value Chain.

# BIOEAST Advisory Council

The role of the Advisory Council is to **provide expert opinions for the BIOEAST Board** which consists mostly of policy makers.



# Foresight Exercise



A **macro-regional BIOEAST Foresight Exercise** is being conducted to support the BIOEAST member states **in developing their sustainable bioeconomies**.

**Five**, high-level independent **CEE experts** have been selected by the BIOEAST Board.

The experts and ultimately the BIOEAST Foresight report shall look into the future perspectives of the macro region's bioeconomies (2030 – 2050), at the same time setting it in the wider EU and global context, investigating the special characteristics of the macro-regional bioeconomy deployment, special needs and potential with possible scenarios. Foresight report aims to raise awareness about current and future challenges for the national policy developments, to improve the policy framework to address long-term challenges, and to provide basis for the BIOEAST Strategic Research and Innovation Agenda (SRIA) development.

# BIOEAST- Strategic Research and Innovation Agenda



- **A framework was created** that guides the **development of BIOEAST SRIA** as well as **thematic SRIAs** developed by **TWGs**.
- Desk study **to map the research and innovation policy** as well as **the state of the art of bioeconomy** related research and innovation in all BIOEAST countries is being conducted
- In coming months **BIOEASTsUP partners** in collaboration with **NCPs** will conduct **a series of workshops in all BIOEAST countries to engage national BAIMGs and NSGs** in the **analysis of strengths, weaknesses, threats and opportunities** as well as **gaps in bioeconomy** related research and innovation.

# PRODUCTS



**Bioeconomy Strategy Concept Papers  
(for each BIOEAST country)**



**Strategic Research  
and Innovation Agenda**



**Defined potential future  
scenarios and priorities  
for bioeconomy**



# Thank you for your attention.

- Magdalena Borzęcka  
[mborzecka@iung.pulawy.pl](mailto:mborzecka@iung.pulawy.pl)

