



BIOEASTsUP - supporting bioeconomy implementation and strategic thinking at the national and international level



Dana Peškovičová
BIOEAST SK NCP

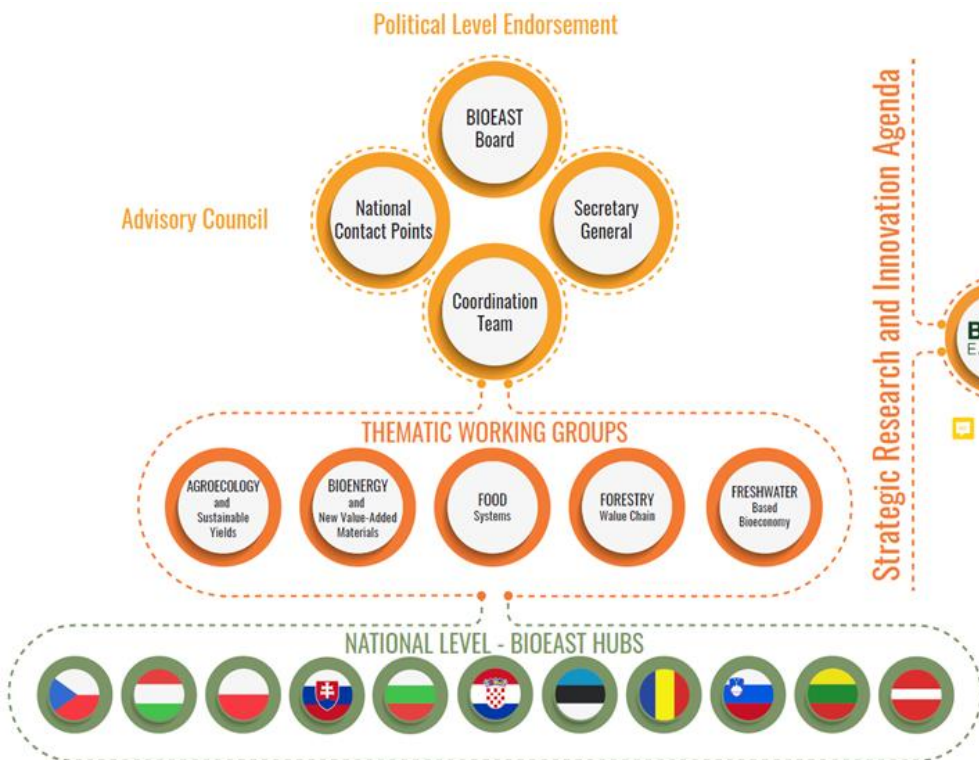
National Agricultural and Food Centre

BIOEAST.EU



Mission

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.



UNDERSTANDING POLITICS AND BUILDING POLICY PRIORITIES



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2016 Declaration: on stronger inclusion into H2020

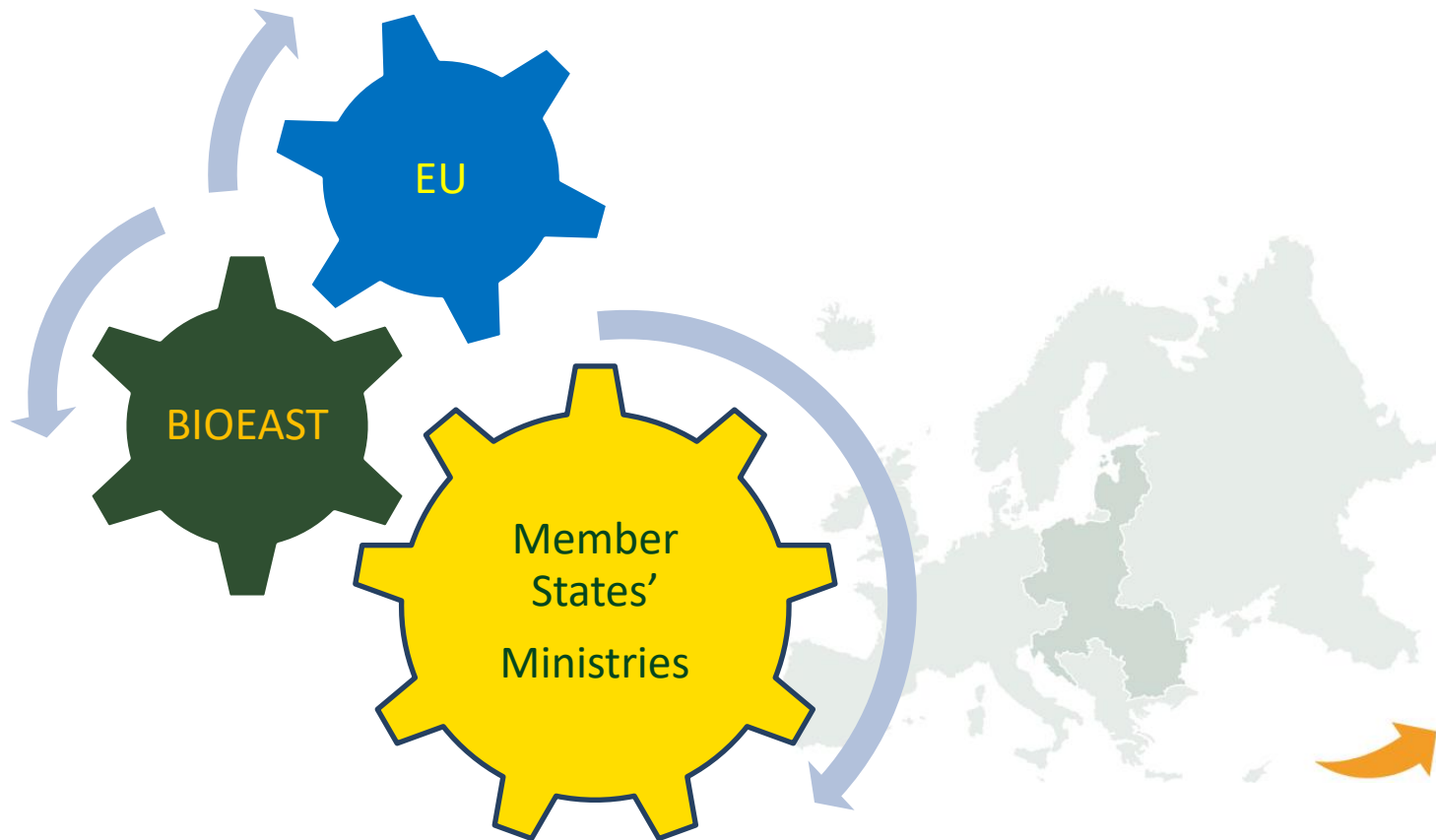
2017 Declaration: on broadening the remit of the BIOEAST initiative beyond H2020

2018 Declaration: on the Vision for BIOEAST

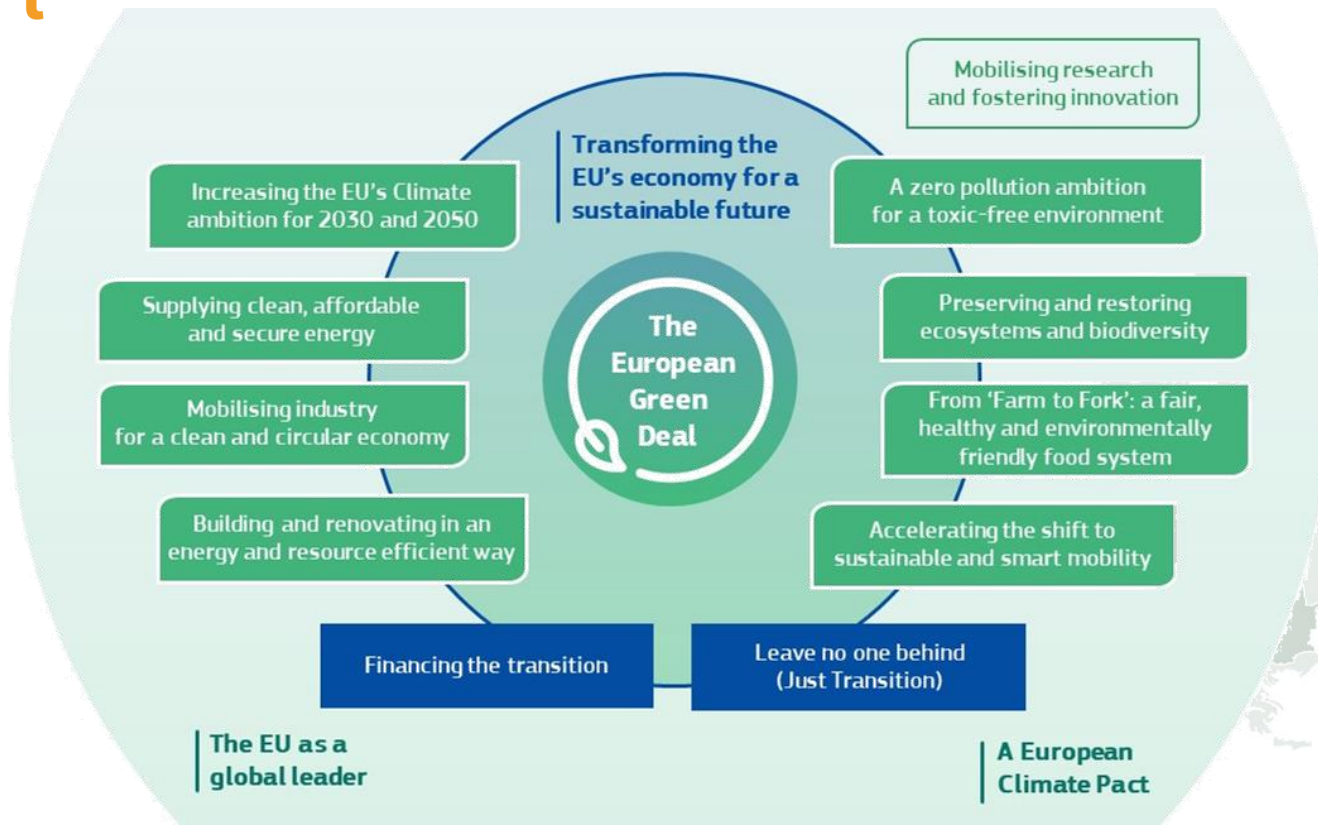
2019 Declaration: on the role of BIOEAST in the context of Horizon Europe (signed by 22 ministries)



WHAT ARE THE COMMON GOALS AND PRIORITIES?



PRIORITIES WITH BIOECONOMY



HOW THE PRIORITIES ARE GOING TO BE SET?



1. The characteristics of the BIOEAST countries' bioeconomies
2. The investments aspects
3. The society is influencing the priorities
4. The politics is influencing the policy priorities

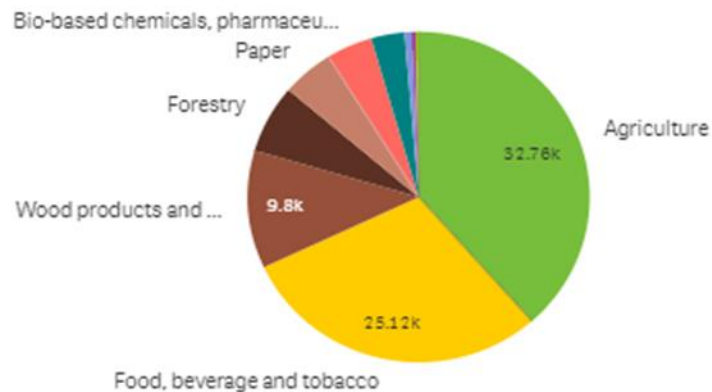




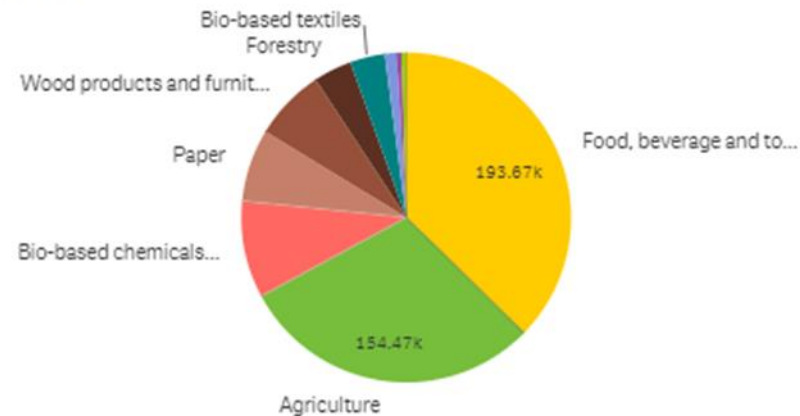
THE CHARACTERISTICS OF BIOECONOMIES

Value added in the 11 BioEAST countries (aggregate): 85 billion € compared with an EU27 total of 604 billion € (BIOEAST11 and rest of the EU countries)

Value added in the bioeconomy by sectors in selected countries (2017)
(million €)



Value added in the bioeconomy by sectors in selected countries (2017)
(million €)

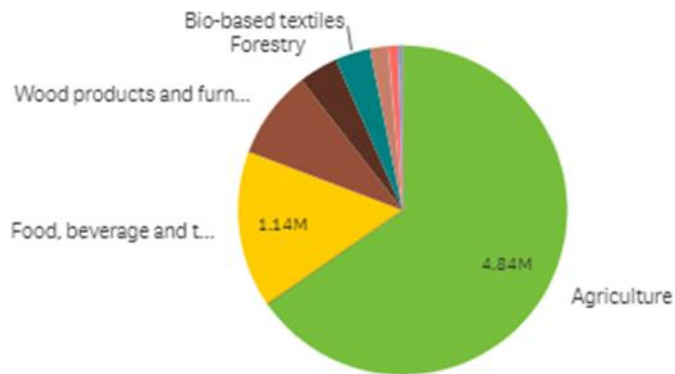




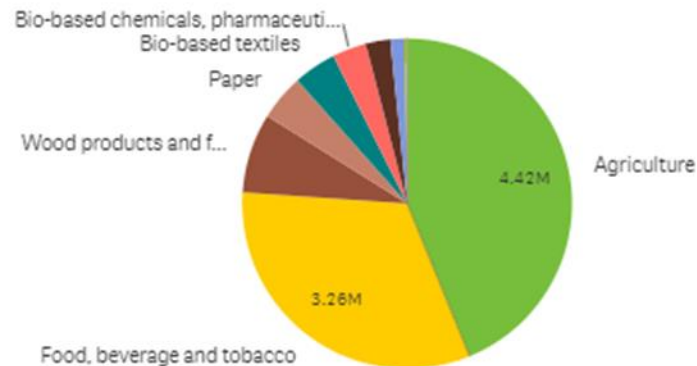
THE CHARACTERISTICS OF BIOECONOMIES

Employment in the 11 BioEAST countries (aggregate): 7,41 million compared with an EU27 total of 17,5 million (BIOEAST11 and rest of the EU countries)

Employment in the bioeconomy by sectors in selected countries (2017)
(number of people employed)



Employment in the bioeconomy by sectors in selected countries (2017)
(number of people employed)



BIOEAST THE CHARACTERISTICS OF BIOECONOMIES

BIOEAST vs. EU27 in a nutshell

Number of people employed in the bioeconomy

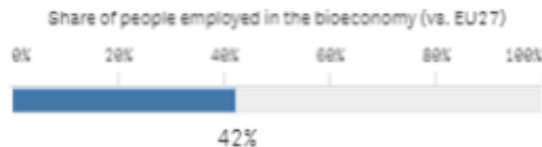
7.41M

Value added of the bioeconomy (Billion €)

€85

Value added per person employed in the bioeconomy

11 k€ vs 35 k€
EU27



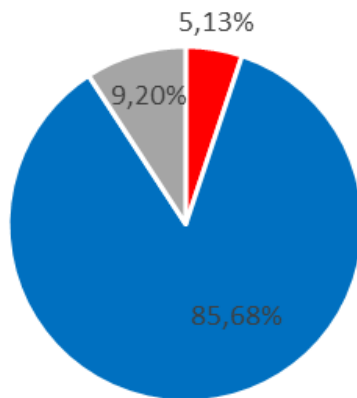
Source: Ronzon et al. (2020), Joint Research Centre, <https://datam.jrc.ec.europa.eu/datam>



PRIORITIES FOR POLITICS AND POLICIES

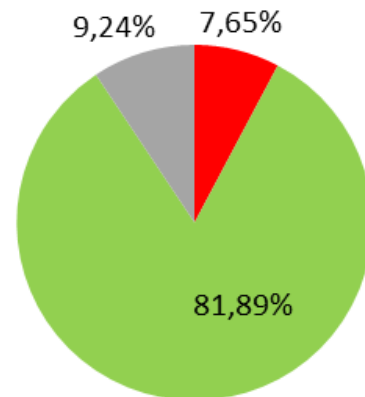
The role of excellence based science for policy making

2014-2019 H2020
funds distribution



■ EU-13 ■ EU-15 ■ OTHER

2014-2019 H2020 SC2
funds distribution



■ EU-13 ■ EU-15 ■ OTHER

Vision 2030



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.

MISSION:

to assist Central and Eastern European (CEE) countries to operationalize their Vision for 2030 drawing on their potential and offering opportunities for:

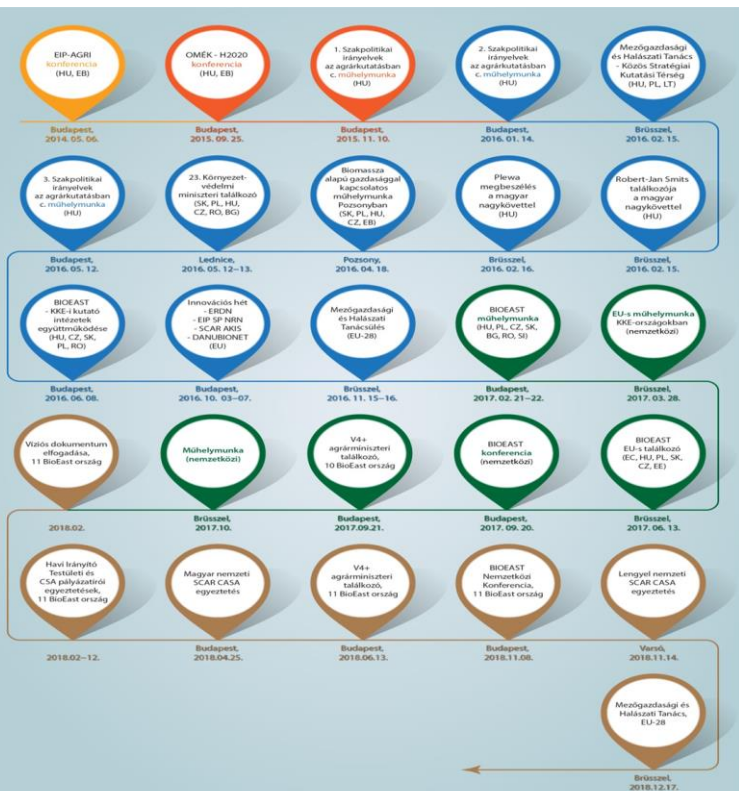
- Sustainable increase of biomass production;
- Circular ("zero waste") processing of the available biomass;
- Viable rural areas;





WHAT DID WE ACHIEVE UNTIL NOW?

- 11 CEE countries/ministries join the initiative
- Serbia asked for accession
- 4 political declarations, last signed by 22 ministries!
- Set-up of Governance:
 - Secretariat and Secretary
 - More than 20 Board meetings
 - National Contact Points
- **Vision for 2030**
- 5 international conferences
- 2018 EU Bioeconomy Strategy reference
- 2019 European Council Conclusion reference
- H2020 CSAs: BIOEASTsUP and Power4BIO
- 5 thematic working groups
- Several national events
- Topics and Projects developments (Horizon)



BIOEASTsUP THE SUPPORT ACTION

1. To support the bioeconomy strategic thinking:
 - Guidance on 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 to run the Advisory Council for the Initiative
 - Subtask: helping in the development of the Foresight Exercise feeding into the SRIA
5. To rectify the visual identity for the BIOEAST initiative



BIO EAST SUP

21 PARTNERS

- 11 BIOEAST Countries + DE and FI
- 4 Ministries
- 14 Research Institutes
- 3 SMEs



H2020 Project: 01. 10. 2019.- 30. 09. 2022.

Aim:

The project should help the Initiative to achieve its objectives and implementation of the VISION 2030.

[BIOEAST.EU](https://bioeast.eu)



Institute of Soil Science
and Plant Cultivation
State Research Institute



MINISTRY OF
AGRICULTURE





NEXT STEPS AT NATIONAL LEVEL

1. **Policy Support** Facility for national bioeconomy strategies with the help of the European Commission
2. Establishing **National BIOEAST HUBs** for the stakeholders engagement at national level
3. Guidance on **National Bioeconomy Strategy** Development



STEPS AT MACRO REGIONAL LEVEL

1. Macro-regional **Strategic Research and Innovation Agenda (SRIA)**
2. **Foresight exercise** for defining the potential future scenarios and priorities
3. **Five Thematic Working Groups** for SRIA development and participation in European Partnerships:
 - Forestry (coordinated by SK)
 - Sustainable yields and agro-ecological intensification (HU)
 - Bioenergy and new value-added products (HR)
 - Food Systems (PL)
 - Fresh water based bioeconomy (CZ)
 - Education (? Coordination?)





NATIONAL LINKAGE

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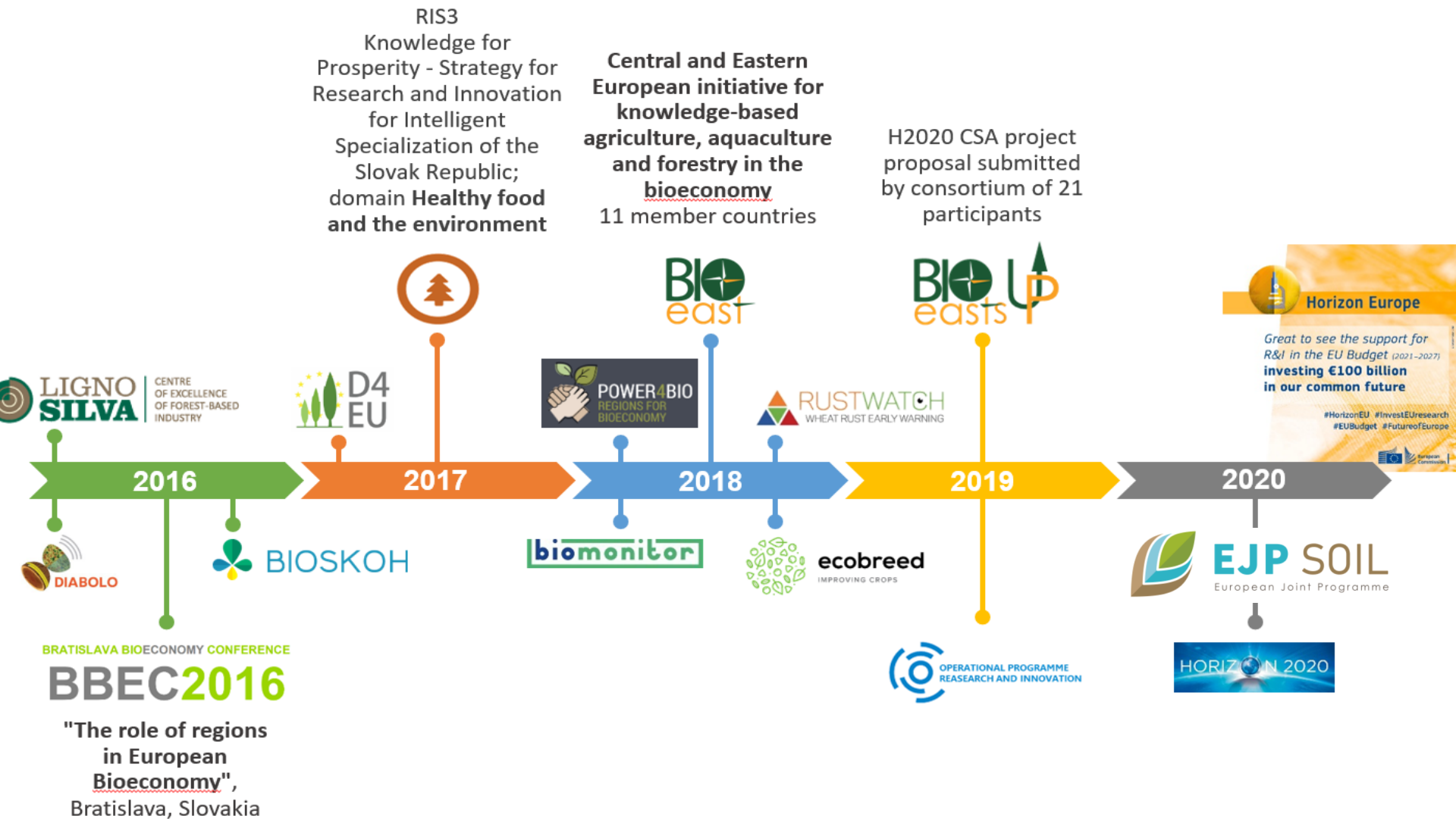
SK PARTICIPATING INSTITUTIONS

Beneficiaries



Cooperation with experts and projects – open for other





STRATEGIC THINKING CONNECTED TO PROJECT - CHALLENGES

- RIS 3 Smart Specialization Strategy targeted goals are linked to the bioeconomy implementation, domain **Healthy food and environment**
- H Europe – relevant **Partnerships cluster 6** – agroecology, food systems, climate change....
- Policies – Green Deal, Farm to Fork
- CAP – Strategic plan for 2021 -2027, bioeconomy mandator, but do not cope only on it
- EIP AGRI – not implemented until now ☹, but ...
- Challenge - **living labs concept** – cooperation private and public (European Green recovery Plan, Next Generation Europe Plan ?)



More information:
www.nppc.sk

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INSTITUTES

- Soil Science and Conservation Research Institute
- Research Institute of Plant Production
- Research Institute for Animal Production Nitra
- Agroecology Research Institute
- Grassland and Mountain Agriculture Research Institute
- Food Research Institute
- Research Institute of Agricultural and Food Economics



NPPC - Institutes

soil health & land
management



plant science &
biodiversity



livestock farming
systems &
biodiversity



innovative food
systems & nutrition



Events

<< **September 2020** >>

| M | T | W | T | F | S | S |
|----|----|----|----|----|----|----|
| 31 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
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NEWSLETTER



Nájdete nás na
FACEBOOK



OPERAČNÝ PROGRAM
KVALITA ŽIVOTNÉHO PROSTREDIA



EURÓPSKA ÚNIA
Európsky fond
regionálneho rozvoja



Interreg
Poľsko-Slovensko





WHAT WE EXPECT BIOEAST CAN HELP

- Working on an **in-depth analysis of bioeconomy potential** and possible actions to further implement bioeconomy within regional **S3 (RIS3)**
- Assessing the effectiveness of already existing instruments, in order to consolidate and further implement them
- Further supporting the **development of skills** needed for industrial transition and entrepreneurship
- **Studying solutions/approaches to better engage primary sector**, also to improve the regional biomass utilization in a circular approach
- **Support R&I projects** with higher TRL to stimulate long-term development
- Taking part in **interregional innovation projects** to deploy larger value chains
- Better understanding the bioeconomy concept - all stakeholders including **politicians and implementing in the policy**





Cooperate with us !
www.bioeast.eu



BIOEAST SECRETARIAT:

BARNA KOVACS, PHD.

BARNA.KOVACS@MFA.GOV.HU

PERMANENT REPRESENTATION OF
HUNGARY TO THE EU

1040 BRUSSELS, RUE DE TRÉVES 92-98

Dana Peškovičová, PhD.

BIOEAST NCP - SK

National Agricultural And Food Centre

www.nppc.sk

dana.peskovicova@nppc.sk

www.nppc.sk

Stanislav Hronček

BIOEAST BOARD, BIOEASTsUP

Ministry of Agriculture and Rural Development

Stanislav.hroncek@land.gov.sk



NATIONAL AGRICULTURAL
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