

BIO east

FORESIGHT CONFERENCE

Climate-neutral future depends on sustainable bioeconomies



High-level foresight conference on positioning sustainable and circular bioeconomies in Central and Eastern Europe to achieve climate neutrality by 2050

27 September 2021

Online event

Programme

BIOEAST.EU



Registered participants receive an email invitation to join the conference through the MiTeam application. Unregistered participants can join the conference on the [MiTeam Portal](#) where a short registration (providing name and email) is required.

The time stated in the programme is Central European Summer Time (UTC + 2:00) which is used in most parts of Europe, e.g. in Ljubljana, Budapest and Brussels.

Moderator: **Igor Evgen Bergant**

9:30–10:00 Welcome

Jože Podgoršek, Slovenian Minister of Agriculture

István Nagy, Hungarian Minister of Agriculture

Mariya Gabriel, European Commissioner for Innovation, Research, Culture, Education and Youth

10:00–11:00 1st Session: *Transformation: what the report says?*

10:00–10:15 Keynote: The role of research in the transition towards sustainable bioeconomy:

Gianluca Brunori, University of Pisa, Chair of SCAR 5th Foresight Group, Chair of FACCE JPI Scientific Advisory Board

10:15–11:00 BIOEAST Foresight Report: **Ladeja Godina Košir**, Chair of the Foresight Experts Group, Founder and Executive Director of Circular Change Slovenia

Debate with the five foresight experts and the keynote speaker:

Gianluca Brunori

Ladeja Godina Košir

József Popp, Corresponding member of the Hungarian Academy of Sciences

Małgorzata Zimniewska, Institute of Natural Fibres and Medicinal Plants National Research Institute

George Sakellaris, Academy of Sciences in Czech Republic

Rando Värnik, Chair Holder of Rural Economics in the Estonian University of Life Sciences

11:00–11:15 Coffee break



11:15–12:30 2nd Session: *Resilience: how to adapt the policies?*

11:15–11:25 Keynote: Deploying the Bioeconomy in the EU: A framework approach for bioeconomy strategy development: **Patrick Barrett**, Agricultural Inspector at the Irish Government Department of Agriculture, Food and the Marine, and Independent Expert in the European Commission's bioeconomy Mutual Learning Exercise

11:25–11:35 Reflection of the BIOEAST Advisory Council on the BIOEAST Foresight: **Robert Mavsar**, Chair of the BIOEAST Advisory Council, and Deputy Director of the European Forest Institute

11:35–11:45 Reflection of the BIOEAST Board on the BIOEAST Foresight: **Barna Kovács**, Secretary-General of the BIOEAST Initiative

11:45–12:00 Bioeconomy in the context of the European Green Deal: **Peter Wehrheim**, Head of Unit, Directorate-General for Research and Innovation, European Commission

12:00–12:30 Debate with the four discussants based on questions from audience

12:30–13:30 Lunch break

13:30–15:00 Parallel thematic sessions: *Internalization – How to bring forward the findings?*

13:30–13:40 Common Keynote: Macro-regional analyses, some key characteristics, statistical evidence about BIOEAST countries' bioeconomies: **Luka Juvančič**, associate professor, University of Ljubljana, Biotechnical Faculty

1. Agroecology and sustainable yields

13:40–13:45 Main Findings according to the BIOEAST Foresight Report – Future challenges in agriculture: **Anikó Juhász**, Deputy State Secretary, Hungarian Ministry of Agriculture

13:45–13:55 Main future research directions in agroecology: **Korinna Varga**, Hungarian Research Institute of Organic Agriculture

13:55–14:05 Ecological outlook/perspectives, the role and future impact of agroecology on biodiversity and ecosystem services (opportunities and challenges): **András Báldi**, Member of the Academia Europaea



14:05–14:15 **Main challenges and transitions points to boost agroecology in the EU and how BIOEAST countries could contribute to this transition:** **Alexander Wezel**, Head of Research, Professor for Agroecology and Landscape Ecology, ISARA-Lyon

14:15–15:00 Debate with speakers based on Q&A

2. Food systems

13:40–13:45 **Introduction on Food Systems Transformations:** **Anna Gembicka**, State Secretary, Polish Ministry of Agriculture and Rural Development

13:45–14:00 **Policies and strategic approaches for future Food Systems – future challenges and needs in Food Systems Transformations:** **Hans-Jörg Lutzeyer**, Directorate-General for Research and Innovation, European Commission, **Natalia Brzezina**, Directorate-General for Agriculture and Rural Development, European Commission

14:00–14:10 **Transformation of Food Systems in Central and Eastern European Countries:** **Marek Wigier**, associate professor, Institute of Agricultural and Food Economics (IERGŻ-PIB), **Wioletta Wrzaszcz**, PhD, Institute of Agricultural and Food Economics – (IERGŻ-PIB), PL

14:10–14:25 **Research and innovation in the food system transformation:** **Paweł Chmieliński**, associate professor, PhD, Chair of the BIOEAST Thematic Working Group on Food Systems, IRWIR PAN; **Justyna Cieślakowska**, BIOEAST Thematic Working Group on Food Systems, Ministry of Agriculture and Rural Development, PL

14:25–15:00 Debate with speakers based on Q&A

3. Forestry value chain

13:40–13:45 **Introduction on forests and forestry in Slovenia (video):** **Tomaž Remic**, Slovenian Ministry of Agriculture, Forestry and Food

13:45–13:55 **Future challenges in the forestry sector:** **Nike Krajnc**, Slovenian Forestry Institute

13:55–14:10 **CoE InnoRenew and forthcoming challenges in the wood processing sector:** **Andreja Kutnar**, CoE InnoRenew, Slovenia

14:10–14:25 **CoE LignoSilva – new technologies in wood processing value chains:** **Tomáš Bucha**, CoE LignoSilva, Slovakia

14:25–15:00 Debate with speakers based on Q&A



4. Fresh water value chain

13:40–13:55 **Contribution of agriculture and aquaculture to better water quality: opportunities in the context of environmental ambitions of the EU** (video): **Martin Hlaváček**, Member of the European Parliament

13:55–14:10 **Precision Agriculture as the way to reducing Water pollution:** **Karel Charvát**, Czech Center for Science and Society / Wirelessinfo

14:10–15:00 Debate with speakers based on Q&A

5. Bioenergy and new value added products

13:40–13:55 **Livestock sector and GHG emissions in the BIOEAST countries:** **Biljana Kulišić**, BIOEAST TWG Bioenergy and New Value Added Materials lead and key biomass expert at the Energy Institute Hrvoje Požar, Croatia

13:55–14:10 **The role of the bioeconomy in decarbonising agriculture in Ireland: livestock sector:** **James Gaffey**, Principal Investigator and Co-Director of the Circular Bioeconomy Research Group at Shannon Applied Biotechnology Centre at Munster Technology University

14:10–14:25 **Methane strategy, climate actions and livestock sector:** **Sami Vinkki**, Demeca Oy Finland on behalf of COPA-Cogeca

14:25–15:00 Debate with speakers based on Q&A

6. Advanced bio-based chemicals and materials

13:40–13:50 **Global trends and driver of advanced bio-based chemicals and materials:** **Ramani Narayan**, Professor at University of Michigan

13:50–14:00 **Introduction to the EU policies and tenders focusing on biorefinery concept and new advanced materials. In which areas need a change of mindset to improve the R&I effectiveness of the CEE macro region?:** **Tomasz Calikowski**, Circular Economy and Biobased Systems, Directorate-General for Research and Innovation, European Commission

14:00–14:10 **Teaming up with the value chain: How innovations from chemical industry can support the carbon neutrality targets:** **Katharina Schlegel**, BASF

14:10–14:20 **Main findings of the EU Biorefinery Outlook to 2030:** **Richard Platt**, E4tech expert

14:20–15:00 Debate with speakers based on Q&A



7. Education and skills

13:40–13:55 **Shaping Education for the European Bioeconomy:** **Iris Lewandowski**, Professor and Chair of Bioeconomy Office, University of Hohenheim (Part of the European Bioeconomy University)

13:55–14:10 **European Community of Practice on Bioeconomy Education:** **Simon Heath**, Board member of the European CoP on Bioeconomy Education and Secretary General of the European Life Sciences Universities (ICA)

14:10–15:00 Debate with speakers based on Q&A

15:00–15:30 Conference conclusion

Wolfgang Bartscher, Director-General, Directorate-General for Agriculture and Rural Development, European Commission

Balázs Nagy, Deputy State Secretary, Ministry for Innovation and Technology (Hungary)

Damjana Karlo, Head of the Sector for Structural Funds in the field of research and development, Ministry of Education, Science and Sport (Slovenia)

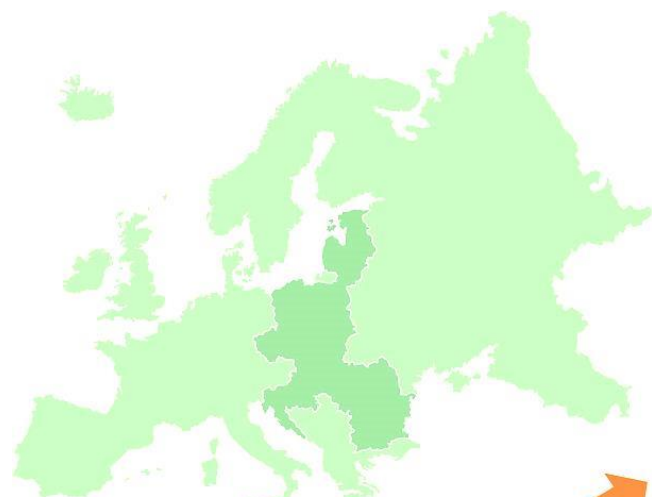


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