

European Bioeconomy Scientific Forum 2025

Boosting regional and international bioeconomy collaboration and skills

University of Eastern Finland, Joensuu Campus

Tuesday, June 10, 2025

17:00-19:30	Possibility to join a Forest Joensuu event at Penttilänranta: the rich history of the forest industry alongside world-class forest bioeconomy expertise. Please register here
19:00-21:00	Informal Icebreaker – UEF, Carelia Lobby (Yliopistokatu 4) Welcome cocktail. Address by <i>Seppo Tossavainen</i> , Head of Economic and International Affairs, the City of Joensuu

Wednesday, June 11, 2025

08:00-09:00	Registration – <u>UEF Metria Building, Yliopistokatu 7</u>
09:00-10:30	<p>Opening & Keynotes: Bioeconomy collaboration in the coming years <u>Auditorium M100</u> Moderator: <i>Teppo Hujala</i>, University of Eastern Finland</p> <p>Opening the forum by <i>Tapio Määttä</i>, the Rector of the University of Eastern Finland, the EBU Presidency Chair</p> <p>Address by <i>Sari Essayah</i>, the Minister of Agriculture and Forestry of Finland</p> <p>New EU Bioeconomy Strategy – towards a Circular, Regenerative and Competitive Bioeconomy, <i>Sarianne Tikkanen</i>, The European Commission Directorate-General for Environment, Policy Officer</p> <p>The Bioeconomy in the new Commission agenda, <i>Giuseppe Pellegrino</i>, The European Commission Directorate-General for Research and Innovation, Policy Officer</p> <p>A status of the Global Bioeconomy - Tracking Developments, Shaping the Future, <i>Jukka Kantola</i>, Chair at the World Bioeconomy Association, Founder and CEO at the World BioEconomy Forum</p> <p>Global Bioeconomy, challenges and perspectives, <i>Christine Lang</i>, International Advisory Council on Global Bioeconomy, Co-Chair</p> <p>Supporting bioeconomy deployment through education, research and entrepreneurship: highlights from EBU projects, <i>Benoit Gabrielle</i>, AgroParisTech, Professor</p>

10:30-11:00	Bio break		
11:00-12:30	Thematic Session 1. Knowledge Exchange Across Geographical and Domain Borders <u>Auditorium M100</u> Moderator: <i>Nina Drejerska</i> , Warsaw University of Life Sciences Austrian activities on forest-based bioeconomy in the international context – COLI and woodPoP , <i>Raphaela Hellmayr</i> , Austrian Federal Ministry of Agriculture and Forestry, Climate and Environmental Protection, Regions and Water Management BIOEAST UNINet - Advancing Bioeconomy Skills in Regional Contexts , <i>George Sakellaris</i> , Thematic Working Group on Bioeconomy Education, BioEast (BioEast TWG-Edu), Czechia The importance of international cooperation in forest bioeconomy at the regional level , <i>Sari Koivula</i> , Regional Council of North Karelia, Finland Advancing the science-policy interface: The Finnish Forest Bioeconomy Science Panel , <i>Antti Asikainen</i> , Natural Resources Institute Finland (Luke) Q&A		
12:30-14:00	Lunch		
14:00-15:30	Poster Pitches ¹		
	Group 1. Biotechnologies and bio-businesses Moderator: <i>Helen Reijonen</i> , University of Eastern Finland <u>Auditorium M101</u>	Group 2. Bioresource management and governance Moderator: <i>Nataša Lovric</i> , University of Eastern Finland <u>Auditorium M102</u>	Group 3. Bioeconomy policies and stakeholders Moderator: <i>Luisa Trindade</i> , Wageningen University & Research <u>Auditorium M103</u>
15:30-16:00	Bio break		
16:00-17:00	Group 1. (cont.) Biotechnologies and bio-businesses Moderator: <i>Helen Reijonen</i> , University of Eastern Finland <u>Auditorium M101</u>	Group 2. (cont.) Bioresource management and governance Moderator: <i>Nataša Lovric</i> , University of Eastern Finland <u>Auditorium M102</u>	Group 3. (cont.) Bioeconomy policies and stakeholders Moderator: <i>Luisa Trindade</i> , Wageningen University & Research <u>Auditorium M103</u>
17:00-19:30	Free Time		
19:30-21:00	Forum Gala Dinner <u>Temple of Challenge</u> , Tiedepuisto (<u>Länsikatu 15</u> , Building 3A, 4th floor)		

¹ The list of pitching presentations and speakers is provided below, at the end of the document.

Thursday, June 12, 2025

08:30-09:00	Registration – UEF Metria Building, Yliopistokatu 7
09:00-10:30	<p>Thematic Session 2. Intercontinental bioeconomy action</p> <p>Auditorium M100</p> <p>Moderator: <i>Nataša Lovric</i>, University of Eastern Finland</p> <p>Africa's bioeconomy: Strengthening regional and global partnerships for sustainable growth, <i>Kenneth Matengu</i>, Pan-African University, University of Namibia</p> <p>Bioeconomy and Sustainability: An Integrative Framework for the Transformation of Production and Education – Lessons from Chile and Finland, <i>Carmen Bravo</i>, The Catholic University of Maule and <i>Rosa M Alzamora Mallea</i>, University of Concepción, Chile</p> <p>How to diversify and differentiate the bioeconomy? Clues from terroir approaches, <i>Takanori Nagano</i>, Kobe University, Japan</p> <p>Panel discussion</p>
10:30-11:00	Bio break
11:00-12:30	<p>Thematic Session 3. By Young Professionals, For All: Shaping Career Paths in the Emerging High-Tech Bioeconomy</p> <p>Auditorium M100</p> <p>Moderators: <i>Martin Greimel</i>, BOKU University and <i>Johann Liebeton</i>, IACGB Bioeconomy Youth Champion</p> <p>Not all those who wander are lost, <i>David Sandquist</i>, FutureLab & Partners AB</p> <p>Building a Career in Bioeconomy and Sustainability: What I Wish I Knew Sooner, <i>Katrin Jögi</i>, Prisma Peremarket AS</p> <p>A Journey from Bioenergy Research to Concrete Technology Entrepreneurship, <i>Jonne Hirvonen</i>, Carbonaide Oy</p> <p>From Sawdust to Startups: What Happens When a Wood Artisan and a Computer Nerd Start a Business, <i>Joona Kotilainen</i>, Hill Oy</p> <p>Investor's view on bioeconomy, <i>Mario Augusto Maia</i>, Cogent Venture Partners</p> <p>Panel discussion</p>
12:30-14:00	Lunch
14:00-15:30	<p>Thematic Session 4. Bioeconomy Innovation Skills</p> <p>Auditorium M100</p> <p>Moderator: <i>Geir Löe</i>, Swedish University of Agricultural Sciences</p>

	<p>The role of universities in conveying skills needed to deploy the global bioeconomy, <i>Iris Lewandowski</i>, University of Hohenheim, Germany</p> <p>Nature as an inspiration and source of creativity in bioeconomy education, <i>Emilia Janeczko</i> and <i>Nina Drejerska</i>, The Warsaw University of Life Sciences, Poland</p> <p>Introducing A.I.-skills in Bioeconomy education. A case study, <i>Emiel F.M. Wubben</i>, Wageningen University and Research, The Netherlands</p> <p>Key aspects and challenges of European Bioeconomy transition: a need for research and innovation, <i>Stjepan Posavec</i>, University of Zagreb, Croatia</p> <p>Business Joensuu innovation network and Forest Joensuu, <i>Jarno Hämäläinen</i>, Business Joensuu and <i>Lauri Sikanen</i>, Natural Resources Institute Finland (Luke)</p>
15:30-16:00	Social Break
16:00-16:30	<p>Closing Session</p> <p><u>Auditorium M100</u></p> <p>EBU's vision of the future bioeconomy and the role of higher education institutions, <i>Davide Viaggi</i>, The University of Bologna</p> <p>Invitation to the upcoming European Bioeconomy Scientific Forum, <i>Laurent Buisson</i>, AgroParisTech, Dean and Executive Director</p> <p>Closing the forum, <i>Teppo Hujala</i>, University of Eastern Finland</p>
16:30-17:30	<p>Campus Excursion - Wooden Architecture (with refreshments)</p> <p><i>Henrik Heräjärvi</i>, University of Eastern Finland</p> <p><i>Mikko Kurttila</i>, Natural Resources Institute Finland</p> <p><i>Päivi Pelli</i>, European Forest Institute, Finland</p>
17:30-21:00	Free Time, Departure, Side-Events

Friday, June 13, 2025

08:30-09:30	Bus to Koli (the bus leaves at 08:30 from Borealis building, Yliopistokatu 7, 80130 Joensuu)		
09:30-10:00	Welcome to Koli and screening of Mustarinta film at Nature Centre Ukko, <i>Retkipaikka Koli</i> Address from <i>Diana Tuomasjukka</i> , Head of Bioeconomy Programme at EFI		
10:00-10:20	Coffee break		
10:20-11:00	Visit the Ukko-Koli Hill Top, Finland's National Landscape		
11:00-12:30	<p>Workshop 1. (Sokos Hotel)</p> <p>Horizon Scanning for Bioeconomy: Exploring Future Signals</p>	<p>Workshop 2. (Sokos Hotel)</p> <p>Empowering Youth in the Bioeconomy</p>	<p>Workshop 3. (Vaarasali at Ukko)</p> <p>Universities and Global Collaboration in the Bioeconomy</p>

	Moderator: <i>Päivi Pelli</i> , European Forest Institute	Moderators: <i>Johann Liebeton</i> , <i>Sandra P. García Jácomel</i> , and <i>Carolina Huertas</i> , <i>Adekunle Ademikanra</i> , IACGB Bioeconomy Youth Champions	Moderator: <i>Nataša Lovrić</i> , University of Eastern Finland and <i>Ngozi Edum</i> , International Forestry Students Association
12:30-13:30	Lunch		
13:30-15:00	Workshop 1. (cont.) Horizon Scanning for Bioeconomy: Exploring Future Signals	Workshop 2. (cont.) Empowering Youth in the Bioeconomy	Workshop 3. (cont.) Universities and Global Collaboration in the Bioeconomy
15:00-15:20	Coffee break		
15:20-16:30	Koli Nature & Tourism Tour		
16:30-17:30	Bus to Joensuu (reaching 18:10 train or 18:35 flight secured)		
17:30-22:00	Free Time, Departure		

The list of pitching presentations

Poster Pitches Group 1. Biotechnologies and bio-businesses				
	Speaker	Affiliation	Title	Authors
1	Monika Roman	Warsaw University of Life Sciences	Short agri-food supply chain in urban areas: evidence from Polish Generation Z	Monika Roman, Luiza Ochnio, Joanna Domagała
2	Lucy Burgess	AgroParisTech	Microbial Production of Value-added Molecules from Agro-Industrial By-Products: Potential Application from Bio-Based Materials Fabrication	Lucy Burgess, Bazil E. Maikah, Pedro Martinez, Olga Rzeszutek, Ana Karen Sanchez Castaneda, Sandra Domenek, Florian Pion
3	Aitana Zoco De La Fuente	University of Eastern Finland	Bioinspired antiviral surfaces from tree bark chemicals: a multidisciplinary approach towards sustainable coating development	Aitana Zoco De La Fuente, Antje Potthast, Varpu Marjomäki, Antti Haapala
Q&A 15 min				
4	Phuong Linh Nguyen	AgroParisTech / Lund University	From Waste to Wellness: Scaling Black Soldier Fly Larvae for Sustainable Pet Nutrition Through Diverse Multi-	Phuong Linh Nguyen

			Stakeholder Collaborations – A Southeast Asian Case Study	
5	Ana Cavallo	University of Hohenheim	Synergizing sustainability assessments: integrating LCA, augmented reality, and participatory MCDA and macroecology in bioeconomy research	Marisa Groenestege, Ana Cavallo, Mohammed Jardini, Bent Rech
6	Jose Alvarado-Vargas	Université de Technologie de Troyes	Biorefining Marine Algae: Harnessing Ulva armoricana for Sustainable Development in Bretagne Region	Jose Alvarado-Vargas, Gulnaz Khalilova, Julio Mocellin, Samuel Quiroz-Eraso, Eduarda Gressler
Q&A 15 min				
7	Wen Jiang	University of Eastern Finland	Sustainable Barrier Coatings Based on Nanocellulose and Natural Waxes	Wen Jiang, Agne Swerin, Laura Tomppo, Tomas Björkqvist, Aleks Hämäläinen, Reijo Lappalainen
8	Viivi Berg	University of Eastern Finland	Human skin cell model elucidates the safety aspects of hemp- and wood-based distillates	Viivi Berg, Riina Tiainen, Mo Yang, Henri Hakkarainen, Reijo Lappalainen, Marjut Roponen
9	Susan Caroline Alvarado Cummings	University of Bologna, Wageningen University and University of Natural Resources and Life Sciences	Valorization of biomass waste in the life cycle of tomato production: a systemic perspective	Susan Caroline Alvarado Cummings, Sofia Cano Alfano, Victor González Mallén
Q&A 15 min				
10	Dimastyaji Nurseta	Wageningen University and Research	Extraction of phenolic compounds from hemp and wood bark: Methodology and Sustainability Assessment	Dimastyaji Nurseta, Aitana Zoco De La Fuente, Aleezay Anjum Ahmed, Ellen Slegers, Renzo Akkerman, Reijo Lappalainen, Antti Haapala
11	Giorgia Benati	University of Bologna	Enzymatic extractions of proteins and peptides from agro-residues and digestates characterization	Giorgia Benati, Maura Ferri, Annalisa Tassoni
Q&A 10 min				

Poster Pitches Group 2. Bioresource management and governance

	Speaker	Affiliation	Title	Authors
1	Riccardo Borgia	University of Bologna	The Added-Value of Citizen Science to Increase Awareness and to Make Better Decisions for Preserving Soils Health	Riccardo Borgia, Nidhi Raina, Stefano Targetti, Davide Viaggi
2	Philip Chambers	University of Eastern Finland	The Power of Play: Digital Technologies Transforming Forest Planning in the Sustainable Bioeconomy	Philip Chambers, Teppo Hujala, Mari Selkimäki, Isabella Hallberg-Sramek, Karin Öhman, Anton Stahl Olafsson, Kyle Eyvindson
3	Diana Carolina Huertas Bernal	Czech University of Life Sciences Prague	Enhancing the Sustainable Utilization of High-Mountain Byproducts in Colombia	Diana Carolina Huertas Bernal
Q&A 15 min				
4	Sonam Ojha	University of Eastern Finland	Balancing Wood Production and Carbon Storage in Forest Landscapes and Holdings: Using Opportunity Costs for Forest Owners in Finland	Sonam Ojha, Jari Vauhkonen
5	Chaitanya Suárez Rojas	Swedish University of Agricultural Sciences	Steering bioeconomy through peatland conservation: A policy review from Ramsar to the Nature Restoration Law.	Chaitanya Suárez Rojas, Camilla Widmark
6	Anu Laakkonen	University of Eastern Finland	Towards strong sustainability forest services – Decision support for a more sustainable forest use	Anu Laakkonen, Katri Rusanen, Hannes Pasanen, Mirkka Rovamo, Jani Holopainen, Veera Tahvanainen, Jari Vauhkonen, Jukka Tikkanen, Tuomo Takala
Q&A 15 min				
7	Ida Herdieckerhoff	University of Eastern Finland	Environmental Collaboration and Conflict Resolution (ECCR) network and course series	Ida Herdieckerhoff, Irmeli Mustalahti
8	Takanori Nagano	Kobe University	Open Planning for a Circular Bioeconomy at Local and Regional Levels	Takanori Nagano, Kenji Tanaka, Katsuhiko Takada
9	Monserath Ximena Lascano Galarza	University of Bologna	Modelling the Interconnection between Instrument Design, Acceptance, and Effectiveness/Efficiency of Incentives	Monserath Ximena Lascano Galarza, Fabrizio Ungaro, Riccardo Borgia, Stefano Targetti, Matteo Zavalloni, Meri Raggi, Davide Viaggi

10	Katsuhiro Nakao	Forestry and Forest Products Research Institute	Building the foundation for a regional bioeconomy: integrating forest big data and machine learning to predict cedar forest height and growth.	Katsuhiro Nakao, Daisuke Kabeya, Gaku Hitsuma
Q&A 20 min				

Poster Pitches Group 3. Bioeconomy policies and stakeholders				
	Speaker	Affiliation	Title	Authors
1	Sandra Paola Garcia Jacome	Czech University of Life Science	Bioeconomy in countries of the Mekong region (Thailand, Vietnam, and Laos)	Sandra Paola Garcia Jacome, Radek Rinn, Martin Jankovský, Petra Palátová, Alice Sharp, Prasit Wangpakapattanawong, Nataša Lovrić, Manh Vu Van, Minh Doan Thi Nhat, Bounheuang Ninchaleune, Inta Chanthavong, Kongchan DOUNGMALA
2	Satu Helenius	University of Eastern Finland	Transatlantic Innovation Networks in Forest-Based Bioeconomy: Navigating Polycrisis with the Quintuple Helix Model	Satu Helenius
3	Matthias Müller	University of Hohenheim	Social Innovation as Catalyst for a Sustainable Bioeconomy - Mapping the Bioeconomy Ecosystem Across Ten European Regions	Matthias Müller, S. Türkeli, R. Wintjes, R., I. Prozorova
Q&A 10 min				
4	Mo Khogali	University of Eastern Finland	Transformative Experiences for Enhanced Communities and Planet Tourism Benefits	Mo Khogali
5	Lorena Diaz	Hohenheim University	Bridging the Gap: Transition Intermediaries as Catalysts of the Italian Sustainable Transformation	Lorena Diaz, Niocal Neef, Siegmund Otto
6	Elli Arvola	University of Eastern Finland	SOBIO: facilitating networking and social scientific research expertise for an inclusive and circular based bioeconomy	Elli Arvola, SOBIO board
Q&A 10 min				
7	Sara Altamore	Agency for the Promotion of European Research	Bridging Bioeconomy Gaps: empowering local stakeholders for building place-based Bioeconomy Strategies	Sara Altamore
8	Vera Vernooij	Wageningen Food & Biobased Research	Enhancing knowledge transfer and skills development for circular bioeconomy growth in Central and Eastern Europe	Vera Vernooij, Hilke Bos-Brouwers, Marcela Viquez-Zamora, Jakob

				Dahlqvist, Jonas Joelsson
9	Stephanie Lang	University of Hohenheim	Unlocking Bioeconomy Potential: Collaborative Opportunities for Türkiye and the EU	Stephanie Lang, Elif Nuroğlu, Andreas Pyka, Ayten Nahide Korkmaz
Q&A 10 min				
10	Sara Ronco	University of Insubria	Bioeconomy and Trade: a Systematic Literature Review	Sara Ronco, Giorgia Giovannetti, Andrea Vezzulli
11	Sabine Schweitzer	BOKU University	BISC-E Austria: Empowering Students in the Bio-based Economy	Sabine Schweitzer, Martin Greimel
12	Ahmed Moussaoui	University of Bologna	Strengthening Agricultural Innovation in the Bioeconomy: Insights from Operational Groups in Italy and France.	Ahmed Moussaoui, Rino Ghelfi, Davide Viaggi
Q&A 10 min				
13	Agathe Lucas	AgroParisTech and BOKU University	Youth Involvement in the European Bioeconomy University Alliance	Sofia Ferdini, Agathe Lucas, Lina Sommer, Rose Qamara
14	Anna Aalto	BioBoosters by JAMK University of Applied Sciences	Boosting circular bioeconomy transition with an inter-regional open innovation platform - BioBoosters hackathon	Anna Aalto
15	Tuomas Mauno	University of Eastern Finland	Piloting an Interactive Horizon Scanning of the Forest Bioeconomy in Finland	Tuomas Mauno, Päivi Pelli, David N. Bengtson, Jouni Pykäläinen, Teppo Hujala
Q&A 15 min				
16	Flavia Marucci	Agency for the Promotion of European Research	ShapingBio: engaging stakeholders towards a Sustainable Bioeconomy	Flavia Marucci, Francesca Santaniello
17	Angelina Eßer	Forschungszentrum Jülich	Regional bioeconomy - opportunities for a successful transformation	Angelina Eßer, Denise Gider, Christian Klar, Ulrich Schurr
Q&A 10 min				