

Towards a Sustainable Bioeconomy – Detailed programme for the scientific sessions

Session 1: Transition towards bioeconomy: changing production systems and consumption patterns

Session chair: Marcus Lindner, Head of Programme Sustainability and Climate Change, European Forest Institute

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Salvatore Martire	European Forest Institute, Finland	Wood flow modelling for a more sustainable regional forest-based sector	Presentation
Luc Pelkmans	VITO, Biobased Economy, Belgium	Strategies towards a resource-efficient biobased economy – benchmarking country approaches	Presentation
Tiina Härkäsalmi	Aalto University, Finland	System design for circular Bioeconomy. Case: Biocycles of linseed flax reinforced biocomposites	Presentation
Oludunsin Arodudu	Leibniz Centre for Agricultural Landscape Research (ZALF), Germany	Sustainability of agro-bioenergy land use: industrial agriculture vs. ecological agriculture	Presentation
Elias Hurmekoski	European Forest Institute, Finland	Context, drivers and tensions for the market potential of wood construction in Europe	Presentation
Gert-Jan Nabuurs	Wageningen University, the Netherlands	New perspectives on the role of the Dutch forest sector in the EU Bioeconomy	Presentation

Session 2: Innovative climate change mitigation strategies for the forest-based sector

Session chair: Gert-Jan Nabuurs, Special Professor European Forest Resources, Wageningen University

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Gediminas Jasinevičius	European Forest Institute, Finland	Carbon storage in harvested wood products to mitigate climate change	Presentation
Raghu KC	Lappeenranta University of Technology	Impact of forest management regimes and forest supply chain on carbon emissions	Presentation
Pau Brunet Navarro	Leibniz Centre for Agricultural Landscape Research (ZALF), Germany	Introducing cascade use in wood product models	Presentation
Anna Liza Bais	Alpen-Adria University, Austria	Assessment of impacts of cascading in the wood sector based on global wood biomass flows account	Presentation

Session 3: Assessing sustainability in forestry, agriculture and related bioenergy systems

Session chair: Ottar Michelsen, Senior Adviser, Norwegian University of Science and Technology

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Hannes Böttcher	Institute for Applied Ecology, Germany	Assessing direct and indirect environmental impacts of alternative EU bioenergy policy scenarios	Presentation
Tommi Suominen	European Forest Institute, Finland	An application of ToSIA for Life Cycle Sustainability Assessment of biomass utilisation in alternative forest-based value chains	Presentation
Jakob Hildebrandt	The Helmholtz Centre for Environmental Research (UFZ), Germany	Overriding goals for achieving multi-stakeholder benefits in a wood-based Bioeconomy region: Insights from the development of a MCDA tool	Presentation
Break			
Leire Iriarte	International Institute for Sustainability Analysis and Strategy (IINAS)	Approach to evaluating sustainability of lignocellulosic biomass delivery pathways within the S2BIOM project	Presentation
Martha Demertzi	University of Aviero, Portugal	Carbon footprint of the cork oak sector	Presentation
Qianyu Li	VTT Technical Research Centre of Finland	Evaluating land use impacts on bioproductive land depletion in life cycle assessment	Presentation
Heather Davidson	Technological Institute for Forest Cellulose, Construction-wood and Furniture (FCBA), France	Assessing business sustainability practices: Methodological guidance in simplifying LCA and evaluating triple bottom line principles using parametric modelling	Presentation
Alexandra Langner	University of Natural Resources and Life Sciences Vienna, Austria	Value-based trade-offs between ecosystem services from European mountain forests	Presentation
Jakob Hildebrandt	The Helmholtz Centre for Environmental Research (UFZ), Germany	Developing a LCA approach to assess wood-based production system in a bioeconomy region in Germany	Speed talk
Salvatore Martire	European Forest Institute, Finland	A widely usable framework to calculate indicators for sustainability assessment of bio-based supply chains	Speed talk
Oludunsin Arodudu	Leibniz Centre for Agricultural Landscape Research (ZALF), Germany	Sustainability assessment of agro-bioenergy land use: a combined life cycle-participatory approach	Speed talk

Session 4: Optimal forest operations for a sustainable biomass supply

Session chair: Richard D. Bergman, Research Forest Products Technologist, USDA Forest Service

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Richard D. Bergman	USDA Forest Service, USA	Life cycle impacts of the wood supply chain	Key note speech
Frank Müller	Technological Institute for Forest Cellulose, Construction-wood and Furniture (FCBA), France	Collaborative logistics in the French forest based sector (FFBS) – opportunity or dead end?	Presentation
Teresa de la Fuente	The Forestry Research Institute of Sweden Skogforsk	Fuel consumption and greenhouse gas emissions of wood supply chains to future biorefineries in Northern Sweden: A comparative analysis between innovative and conventional systems	Presentation
Dmitriy Danilov	State Research Enterprise, Leningrad Research Institute for Applied Agricultural Science	Growing tree plantations of pine and spruce on the grounds postagrogenic Northwest Europe	Speed talk

Session 5: Environmental challenges for the Bioeconomy

Session chair: Tiina Pajula, Principal Scientist, VTT Technical Research Centre of Finland Ltd.

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Genevieve Mortimer	Thünen Institute of International Forestry and Forest Economics, Germany	Business planning for unintended consequences of the bioeconomy - good intentions aren't enough	Presentation
Anne Roedl	Thünen Institute, Germany	Extending LCA method to assess and compare water use of biological and technical production systems	Presentation
Francesca Santaniello	The Forestry Research Institute of Sweden Skogforsk	Tree retention as a conservation strategy in managed boreal forest. Dead wood diversity, economic return and impact on logging productivity	Presentation
Ottar Michelsen	Norwegian University of Science and Technology	Building consensus for assessing land use impacts on biodiversity: Contribution of UNEP/SETAC's Life Cycle Initiative	Presentation
Alexandru Giurca	University of Freiburg, Germany	Towards a sustainable Bioeconomy: integrating environmental concerns in Germany's Bioeconomy discourse	Presentation
Nicholas Clarke	Norwegian Institute of Bioeconomy Research	Influence of different tree-harvesting intensities on forest soil carbon stocks in boreal and northern temperate forest ecosystems	Speed talk

Session 6: Economic and social challenges for the Bioeconomy

Session chair: Dr. Jean-Luc Peyron, Managing Director, ECOFOR

Name	Affiliation	Presentation title	Presentation (15 min.) / Speed talk (1 min.)
Alessandro Paletto	Council for Agricultural Research and Economics (CREA), Italy	Tbc	Presentation
Päivi Pelli	University of Eastern Finland	Rethinking service logics in forest-based Bioeconomy	Presentation
Nadine Pannicke	The Hemholtz Centre for Environmental Research, Germany	The political economy of fostering a wood-based Bioeconomy in Germany	Presentation
Irmeli Mustalahti	University of Eastern Finland	Responsive Bio-economy: Interaction of states, citizens and corporations in everyday practices of forest governance	Presentation
Anna Harnmeijer	MHG Systems, Finland	Beyond technology innovation: a holistic assessment of sustainability policy for bioenergy production systems in the UK	Presentation
Elena Gorriz	Forest Sciences Centre of Catalonia (CTFC), Spain	Social Capital in the design and implementation of a wild mushroom picking permit in Poblet (Catalonia, Spain)	Speed talk
Mihail Hanzu	National Institute for Research-Development and Forest Management "Marin Drăcea", Romania	Holistic indicator for optimal forest governance	Speed talk
Sabaheta Ramcilovic-Suominen	University of Eastern Finland	Sustainability – A 'selling point' of the emerging EU Bioeconomy?	Speed talk
Maxim Trishkin	University of Eastern Finland	Root-identification of bioenergy conflicts in developing countries	Speed talk

