

**BUSINESS
FINLAND**



Embassy of Finland
Washington D.C.



Finland and U.S. Cooperation in the Bioeconomy



**MICHIGAN ECONOMIC
DEVELOPMENT CORPORATION**



MENADO
Maine Economic Network for
Advanced Development



**Leverage from
the EU
2014-2020**



European Union
European Regional
Development Fund

December 9 2020

PROGRAM

Launch event: Finland and U.S. Cooperation in the Bioeconomy

8.45am – 9.30am (EST) | 15:45 -16:30 (FI)

- 8.45am / 15:45** **Counselor Heli Hyypiä, Embassy of Finland to the United States**, Event opening remarks
- 8.46am / 15:46** **Ambassador Mikko Hautala, Embassy of Finland to the United States**, Welcoming words
- 8.55am / 15:55** **Business Finland Director General Nina Kopola**, Finnish strongholds in Forest Bioeconomy
- 9.05am / 16:05** **Governor Janet Mills** of the State of Maine (via video greeting)
- 9.15am / 16:15** **Governor Gretchen Whitmer** of the State of Michigan (via video greeting)
- 9.20am / 16:20** **Natural Resources Deputy Shannon Lott**, Michigan Department of Natural Resources
- 9.25am / 16:25** Q&A
- 9.30am / 16:30** Launch event ends

The Success Factors of Bioeconomy and Forestry Networking Webinar
9.30am-1.20pm (EST) | 16:30-20:20 (FI)

9.30-9.35/16:30-16:35 Ms. Heli Hyypiä, Climate & Green Economy Counselor, Embassy of Finland to the United States

Introductory words and introduction of collaborators & session moderators

SESSION ONE: Success factor 1: Efficiency in Forest Management & Policies

9.35-9.40/16:35-16:40 Moderated by Ms. Dana Eidsness, Director, Maine North Atlantic Development Office (MENADO)

Introductory words by session moderator

9.40-9.45/16:40-16:45 Dr. Leena Leskinen, Business Manager, North Carelia, Finnish Forest Centre (FFC) – Suomen Metsäkeskus

Finnish forest, forest management and forest policy tools & Finnish Environment Institute SYKE

9.45-9.50/16:45-16:50 Mr. Vesa Leppänen, Chief Technical Officer and Head of Unit for Geospatial Modeling, Arbonaut

Global experience on timber inventory and operational conditions analysis with LiDAR

9.50-9.55/16:50-16:55 Dr. Aaron Weiskittel, Director, Center for Research on Sustainable Forests

Overview of Maine-based LiDAR research & FOREst Carbon Estimation” (FORCE) project partnership with Michigan State University and University of Minnesota

9.55-10/16:55-17:00 Mr. Jeffrey Hatcher, Managing Director, Indufor North America

Indufor’s experience supporting For/Maine with market analysis and strategic planning for investment attraction into Maine’s forest bioeconomy

10-10.05/17:00-17:05 Dr. Brandy Brown, Climate and Energy Advisor, Office of Climate and Energy, Michigan Department of Environment, Great Lakes, and Energy

Michigan Climate and Energy Initiatives

10.05-10.15/17:05-17.15 Q&A

SESSION TWO: Success factor 2: Efficiency in Planning

10.15-10.20/17:15-17:20 Moderated by Dr. Donna LaCourt, Acting Program Manager, Food and Agriculture Development and International Marketing, Michigan Department of Agriculture and Rural Development

Introductory words by session moderator

10.20-10.25/17:20-17:25 Dr. Lauri Sikanen, Principal Scientist, Natural Resources Institute Finland (LUKE)

Digitalization as booster

10.25-10.30/17:25-17:30 Dr. Pekka Leskinen, Head of Bioeconomy Program, European Forest Institute

Climate change mitigation and new wood-based products

10.30-10.35/17:30-17:35 Ms. Bri Bowman, Program Manager, Forest Opportunity Roadmap/Maine (FOR/Maine)

Maine's Forest Opportunity Roadmap and the potential for mutual benefit from partnerships with Finland

10.35-10.40/17:35-17:40 Mr. Brian Craig, FAIA, Chair, Michigan Forest Biomaterials Institute (MiFBI)

MiFBI mission and convener role – opportunities and challenges in the Michigan forest bioeconomy

10.40-10.45/17:40-17:45 Dr. Antti-Jussi Tahvanainen, Innovation Policy Manager, Finnish Forest Industries Federation

The Finnish forest industry's roadmap towards climate neutrality by 2035

10.45-10.50/17:45-17:50 Mr. Charlie Becker, Chair, Michigan Timber and Forest Products Advisory Council

Council purpose, goals, and objectives

10.50-11.00/17:50-18:00 Q&A

11.00-11.10/18:00-18:10 Break

SESSION THREE: Success factor 3: Efficiency in Education & Innovation

11.10-11.15/18:10-18:15 Moderated by Ms. Katja Väyrynen, Education Expert, North Karelian Municipality Education and Training Consortium Riveria

Introductory words by session moderator

11.15-11.25/18:15-18:25 Mr. Mikko Saarimaa, Education Manager, Riveria

Effective learning environment and simulator pedagogy in forestry training, Forestry education export – Visit Riveria

11.25-11.30/18:25-18:30 Ms. Sanna Kasurinen, Head of Education, Karelia University of Applied Science

Innovations of Regional Sustainability: European University Alliance, Towards Low Carbon Construction - Joensuu Wood City

11.30-11.35/18:30-18:35 Dr. Jouni Pykäläinen, Professor of Forest Economics and Forest Policy, University of Eastern Finland

Higher education in forestry & Future of the bio-forest economy

11.35-11.40/18:35-18:40 Dr. Hemant Pendse, Director, Forest Bioproducts Research Institute at University of Maine

Industry Partnerships for Bioproducts Development at University of Maine: Product development highlights & Poland Spring partnership—Sustainable packaging solutions from wood-derived chemicals

11.40-11.45/18:40-18:45 Dr. George Berghorn, Assistant Professor, Construction Management, School of Planning, Design and Construction Michigan State University

Mass timber construction, deconstruction and material re-use

11.45-11.50/18:45-18:50 Dr. Arto Visala, Department of Electrical Engineering and Automation, Aalto University

Smart Forestry

11.50-11.55/18:50-18:55 Dr. Andrew J. Storer, Dean and Professor, College of Forest Resources and Environmental Science, Michigan Technological University

Academic programs, research and collaborations with industry - Sustainable Bioproducts and the Hotforest enterprise

11:55-12/18:55-19 Ms. Alina Ruonala-Lindgren, Co-Creation Manager, VTT Technical Research Center of Finland

FinnCERES materials cluster, redefining bioeconomy with advanced bio-based materials

12-12.05/19-19:05 Dr. Jesse Randall, Upper Peninsula Forestry Innovation Center Director, Michigan State University

Research and outreach

12.05-12.10/19:05-19:10 Dr. Regis Rouge-Oikarinen, Project Manager, Woodpolis

Wood construction competence

12.10-12.15/19:10-19:15 Ms. Katariina Kemppainen, Investment Manager, Metsä Group

ExpandFibre R&D collaboration and Ecosystem

12.15-12.30/19:15-19:30 Q&A

SESSION FOUR: Success factor 4: Efficiency in Harvesting

12.30-12.35/19:30-19:35 Moderated by Ms. Ulla Lainio, Commercial Counselor, Business Finland Washington D.C.

Introductory words by session moderator

12.35-12.40/19:35-19:40 Mr. Turkka Lastunen, Kesla

Logging solutions & Optimizing

12.40-12.45/19:40-19:45 Mr. Mikko Turunen, Sales Support Specialist, John Deere Forestry

Logging solutions, TimberSkills & Precision Logging

12.45-12.50/19:45-19:50 Mr. Eero Lukkarinen, Area Director (Canada), Ponsse

Advantages of CTL in harvesting

12.50-12.55/19:50-19:55 Mr. Dana Doran, Executive Director, Professional Logging Contractors of Maine

Maine Logging Economy overview

12:55-1/19:55-20 Mr. Donald Burr, Program Coordinator, Northern Maine Community College

Mechanized Logging Operations Program Overview

1-1.05/20-20:05 Dr. Pasi Lautala, Associate Professor, Department of Civil and Environmental Engineering, and Director of Rail Transportation Program (RTP), Michigan Technological University

Rail transportation, mobility

1.05-1.15/20:05-20:15 Q&A

CLOSING

1.15/20:15 Closing Remarks by Mr. Ilkka Turunen, Science & Education Counselor, Embassy of Finland to the United States

1.20/20:20 Event Ends