



Forest Based Biocomposites & Bioplastics Innovation Forum

Ontario's Bioeconomy:
Nextfor Innovation Forum

Toronto Airport Marriott
901 Dixon Road
Toronto, ON

AGENDA

June 22, 2022 | 8:00AM – 3:30PM

8:00 AM **Networking Breakfast**

9:00 AM **Opening Remarks**

> Welcome and Introductions

C. Walton and M. Barten
CRIBE

9:10 AM **Nextfor Update**

An overview on Nextfor initiatives and general update on CRIBE projects and planned development. An update on Biocomposite and Bioplastics Challenge Fund and other opportunities to collaborate and participate.

M. Barten
CRIBE

9:20 AM **Defining Forest Based Biocomposites- Are we speaking the same language?**

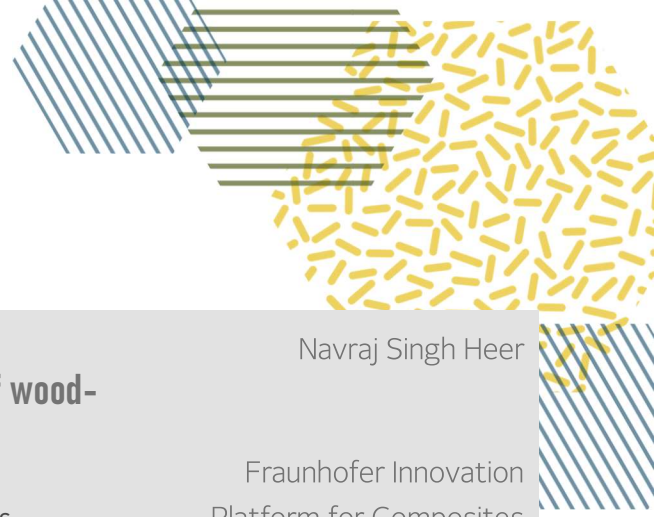
Ensuring common definitions and understanding of forest based biocomposites and bioplastics amongst researchers, producers, manufacturers, and users.

Facilitated Discussion, All

10:10 AM **Accelerating Access to Market of Wood-based Biodegradable Plastics**

Developing transformative processes for the production of novel materials and chemicals to address sector challenges of competitiveness, scale-up, market development and customer discovery.

Alana Prashad
FPInnovations



10:30 AM

Coffee Break

10:45 AM

Introduction to composite processing technologies and high-level overview of wood-based bio-composites

Navraj Singh Heer

Fraunhofer Innovation Platform for Composites Research @Western University (FIP-Composites) located in London Ontario Canada will highlight the composite processing technologies at their facility.

Fraunhofer Innovation Platform for Composites Research @ Western University

Wood resources both from natural sources and discarded waste can be used to derive highly functional materials. Depending upon the material combination these wood-based bio-composites offer benefits such as sustainability, low carbon emission manufacturing, reduced used of hydrocarbons and even compossibility. FIP-Composites will present a high-level roadmap of wood based bio-composites in the local region.

11:20 AM

Performance Biofilaments

Geoff Fisher

Perspectives and experiences with Nanofibrillated Cellulose integration into materials and bioplastics.

Performance Biofilaments

11:50 PM

Catered Lunch

1:00 PM

Table Group Work - SWOT Analysis of Value Chain Development in Ontario

Facilitated Discussion, All

We will identify issues like 'are end-users ready for forest-based biocomposites', 'geographic limitations and supply chain opportunities or weaknesses', 'can we build on ON's manufacturing capacity', 'where should we best deploy money and other resources?'

2:00 PM

Table Group Work - Building a Circular Biocomposites Economy

Facilitated Discussion, All



Identify the top three near and mid-term issues to address, actions to take, problems to solve throughout the life cycle of a biocomposite material or product.

<p>3:15 PM</p>	<p>Summary & Next Steps</p> <p><i>2022 Nextfor Innovation Forums and FIPC@Western Facility Tours, Date TBD</i></p>	<p>Compass, CRIBE & FIPC@Western</p>
<p>3:30 PM Adjournment</p>		

Notes

Nextfor and Fraunhofer Innovation Platform for Composites are working to bring industry experts and innovators together through Nextfor’s Innovation Forums, to create a roadmap for forest based Biocomposites, Packaging & Bioplastics opportunities in Ontario. Information and proceedings from previous workshops and events, including Lignin Forums, can be found on the Nextfor Portal, available to all registered users.

Visit nextfor.ca to register as a member today.