

Lignin Consortium Symposium

Agenda and Information Package

As a result of Nextfor's 2021 and 2022 Lignin Funding Challenges, CRIBE is currently supporting 5 consortium-based projects, representing 29 national and international organizations. CRIBE is proud to be supporting projects that will build out lignin value chains in Ontario. As such, we are very pleased to meet you in Toronto, ON for our first lignin consortium symposium. Join us in growing Ontario's forest bio-economy through **open information sharing, targeted collaboration and networking.**

Networking event/Reception

[The Westin Harbour Castle](#), 1 Harbour Square, Toronto
Marine Room
November 29, 2022
7:00 pm – 9:00 pm

Light snacks will be provided, cash bar.

Lignin Consortium Symposium

[Ontario Investment and Trade Centre](#), 250 Yonge Street, Toronto
November 30, 2022
8:45 am – 4:00 pm

Agenda and event details found below.

The Consortia:

[Use of Lignin-Based Asphalt Concrete in a Canadian Context](#)

Consortium Members: Pioneer Construction Inc, FPInnovations, West Fraser, City of Thunder Bay, École de Technologie Supérieure, Lakehead University, and Laval University.

CRIBE Funding: \$200,000

Project Total Value: \$1,455,000

[Commercialization of Depolymerized Lignin in Fire Protection Products](#)

Consortium Members: Lancotek Products Inc., Western University, Western Maple Bio Resources Inc., Paper Province, and RISE.

CRIBE Funding: \$235,300

Project Total Value: \$470,600

[Sustainable Roofing/Waterproofing Membranes Comprising Lignin](#)

Consortium Members: Soprema, FPInnovations, West Fraser, Kruger and Noram Engineering

CRIBE Funding: \$150,000

Project Total Value: \$344,770

[Lignin-Based Adhesives for Engineered Wood Products and Cross-Laminated Timber \(CLT\)](#)

Consortium Members: Roseburg Forest Products, Michigan State University (Prof. Mojgan Nejad), West Fraser, Fortum, Element 5, Henkel and Hexion.

CRIBE Funding: \$500,000

Project Total Value: \$1,500,000

[Moving Toward Carbon-Negative Automobiles: Incorporating Lignin in Automotive Parts on Commercial Scale](#)

Consortium Members: Woodbridge Foam Corporation, Michigan State University (Prof. Mojgan Nejad), West Fraser, Fortum Bio2X, Sweetwater Energy Inc, and Ford Motor Company.

CRIBE Funding: \$500,000

Project Total Value: \$1,000,000



AGENDA

November 30, 2022 | 8:45 am – 3:30 pm

8:45 AM **Coffee/Meet and Greet** (doors open at 8:45AM)

9:30 AM **CRIBE and Nextfor Update**

- > Update on CRIBE and Nextfor Initiatives and ongoing value chain development work

Chris Walton, CRIBE
Mike Barten, CRIBE

10:00 AM **Project Update** (20 min) **and Q&A** (10 min)

Use of Lignin-Based Asphalt Concrete in A Canadian Context

Peter Holt-Hindle, FPInnovations
Fred Hakala, Pioneer Construction Inc

10:30 AM **Project Update** (20 min) **and Q&A** (10 min)

Lignin-Based Adhesives for Engineered Wood Products and Cross-Laminated Timber (CLT)

Dr. Mojgan Nejad,
Michigan State
University

11:00 AM **Project Update** (20 min) **and Q&A** (10 min)

Commercialization of Depolymerized Lignin in Fire Protection Products

Andrew Pho, Lancotek Products Inc

11:30 AM **Project Update** (20 min) **and Q&A** (10 min)

Moving Toward Carbon-Negative Automobiles: Incorporating Lignin in Automotive Parts on Commercial Scale

Dr. Mojgan Nejad, Michigan State
University

12:00 PM **Lunch**

All

1:00 PM **Project Update** (20 min) **and Q&A** (10 min)

Sustainable Roofing/Waterproofing Membranes Comprising Lignin

Peter Holt-Hindle, FPInnovations
William-Olivier Caron, Soprema

1:30 PM **What's next for forest-based biomaterials?**

- > Brainstorming session and discussion
- > Discussion on next steps and barriers to commercialization
- > What would scaling up look like?

All

3:30 PM **Wrap up and next steps**

Chris Walton, CRIBE