



Natural Resources
Canada

Ressources naturelles
Canada

National Summit on the Indigenous Forest Bioeconomy

Forest Sector Opportunities in Canada

Presented by:

Laura MacKenzie

Director, Indigenous Forestry and BioHeat Division
Canadian Forest Service, Natural Resources Canada

8:30 AM – 9:30 AM Thursday, May 11, 2023

Canada

Agenda

1

State of the Forest Sector in Canada

2

Advancing the Forest Bioeconomy

3

Achieving a Net-Zero Economy

4

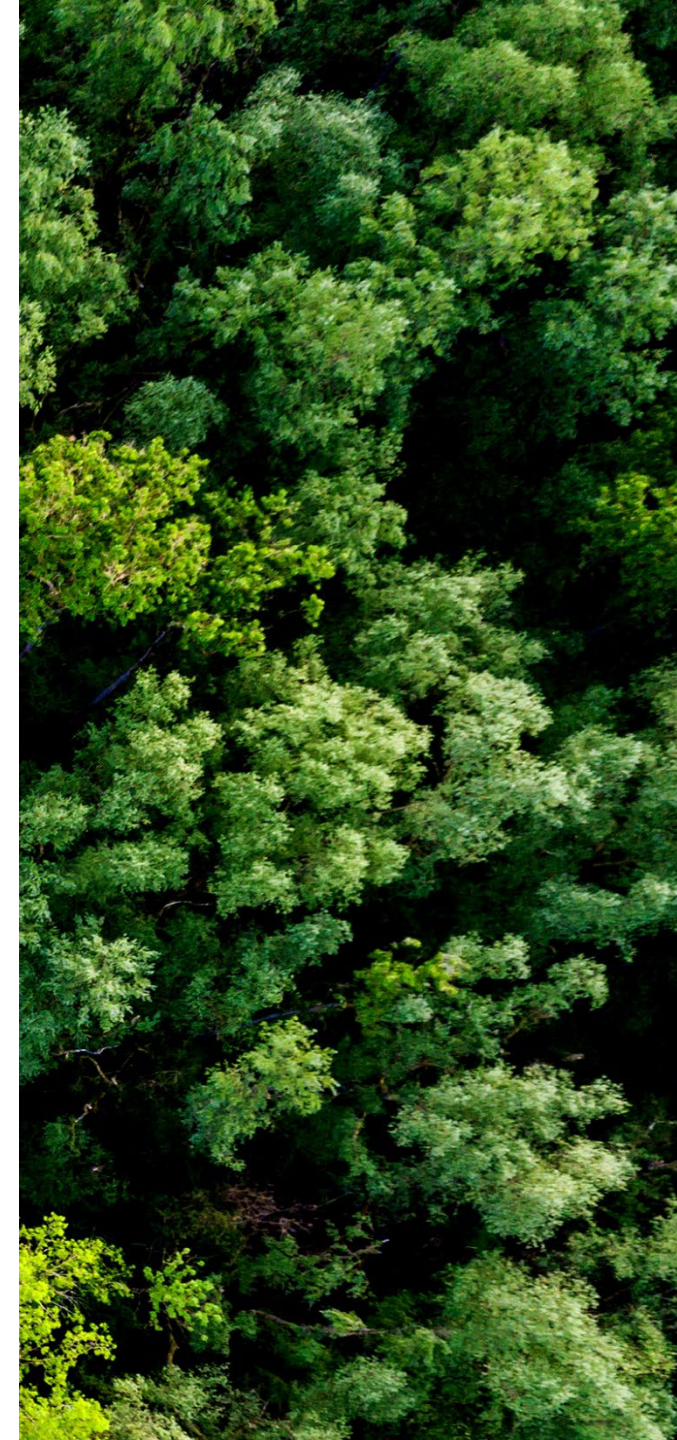
Update on the Canadian Council of Forest Ministers (CCFM) Renewed Bioeconomy Framework

5

Supporting the Indigenous Forest Bioeconomy

6

Discussion



State of the Forest Sector in Canada

Society and Communities

44%
of forest sector workers live in rural or remote areas

300
forest-reliant communities

80%
of Indigenous communities located in forested areas

43,000
employed in forest-reliant communities

7%
of forest sector workers are Indigenous (vs. 4% for the Canadian workforce)

1,400
Indigenous-owned businesses in the forest sector

Nature and Ecosystems

9%
of the world's forests

>10.5%
of tenure volume is Indigenous-held

3rd
most forested country

Economic Activity

1000+
Active mills

2nd
largest global producer of softwood lumber

10,000+
Companies

1.2%
of total nominal GDP (2022)

25%
of natural resource sector employment (2021)

8.7%
Global export share (2022)

The forest sector is facing some key challenges...



Inflation and high mortgage rates affecting solid wood product and lumber prices



Labour shortages are a persistent challenge that affects the competitiveness of the sector



Climate change (e.g., fire, pests) increases risk to forest ecosystem resilience, and to fibre access



Softwood lumber disputes with the U.S. affecting sector competitiveness





...but advancing Canada's forest bioeconomy presents opportunities across the full value chain from seed to market

To meet energy and material needs, support sustainable jobs and economic development, and mitigate negative impacts on nature and the climate.

A circular bioeconomy requires responsible stewardship of forests and forest ecosystems, maximizing value derived from sustainable harvests, and returning forest products and forest carbon to nature.

Federal forest bioeconomy programming includes:



R&D and innovation funding



Partnerships and Collaboration



Support the acceleration of the Indigenous forest bioeconomy.



Working towards net zero



Research, Development and Innovation

CFS programs are supporting the growth of the forest bioeconomy through:



**FOUNDATIONAL
RESEARCH**

**APPLIED
RESEARCH**

**TECHNOLOGY
DEMONSTRATION**

COMMERCIALIZATION



Natural Resources
Canada

Ressources naturelles
Canada

Canada



Achieving a Net-Zero Economy

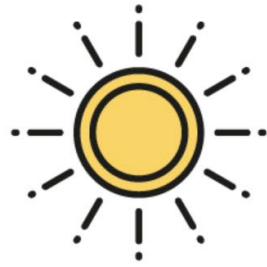
The Wah-ila-toos approach:



Meet you where you're at



Remove barriers & increase access



Engagement & dialogue



Community-centred approach



Flexible timelines



Hands on support

Clean Energy for Rural & Remote Communities (CERRC) Program-BioHeat Stream

- Studies/installation of proven biomass heating systems, district heating and CHP systems that displace diesel and/or other fossil fuels used for heating.
- Since 2018, \$43M towards 45 projects, helping to create environmental and socio-economic benefits in over 50 Indigenous communities across the country.

Funding is available until 2027 for your clean energy projects.



Partnerships and collaboration: CCFM Forest Bioeconomy Framework

Renewed Forest Bioeconomy Framework

The Canadian Council of Forest Ministers Innovation Committee has recently endorsed the 2022 Renewed Forest Bioeconomy Framework.

Focus: identify opportunities and actions to accelerate forest bioeconomy.

Goal: maximize forest sector contribution to achieving net-zero emissions by 2050.



Canadian Council of Forest Ministers



Conseil canadien des ministres des forêts



Supporting the Indigenous bioeconomy

Indigenous Forestry Initiative (IFI)

- **Purpose:** Supports Indigenous-led economic development in the forest sector and advancing reconciliation through forestry.
- **Unique feature:** Program delivery is supported through Regional Liaison Officers (RLOs), located throughout CFS' five regional forestry centres.
- **Success:** Since 2017, IFI has supported **134 projects** that have collectively created **785+ jobs**, launched **45 new or expanded business**, and provided **training to 952 Indigenous Peoples**.



Industry News > News

Cree Lumber brings sawmill back to Quebec



Natural Resources
Canada

Ressources naturelles
Canada



Supporting the Indigenous bioeconomy

Indigenous Natural Resource Partnerships Program (INRP)

PROGRAM DESCRIPTION

The INRP aims to increase the economic participation of Indigenous communities and organizations in the development of natural resource projects that support the transition to a clean energy future.

PROGRAM OBJECTIVES

The INRP seeks to fund projects that:

- increase the capacity of Indigenous communities to engage in, benefit from, actively participate in and/or capitalize on economic development opportunities in the natural resource sectors; and/or
- increase the investment and/or collaboration between Indigenous Peoples and other natural resource development stakeholders, including governments, industry, and non-governmental organizations.





Summary



The federal government has a role in mobilizing the potential of Canada's forest ecosystems:

- Support a better balance between the economic, environmental, social priorities that compete for forest resources and land use
- Support economic reconciliation and advance Indigenous inclusion in the forest sector
- De-risking innovation and strengthening Canada's reputation on forest-related matters
- Facilitating projects supporting net-zero objectives

Budget 2023: \$368.4M over 3 years, starting in 2023-24, Natural Resources Canada will update forest sector support. Renewed forest sector programs will: support bioeconomy growth, forest-based innovation, forest sector jobs in rural and remote communities, Indigenous leadership, incentivize building with wood, and support research in tree improvement, reduce forest fibre supply risks, and invest in better data for improved forest management.

An aerial photograph of a dense forest with various shades of green foliage, serving as a background for the slide.

Discussion

- Do the priorities outlined here to advance the bioeconomy align with those of your community?
- How can we support Indigenous-led bioeconomy priorities in Canada?

Thank you!

[laura.mackenzie@NRCan-
RNCan.gc.ca](mailto:laura.mackenzie@NRCan-RNCan.gc.ca)

613-769-6742