

The Way Forward on Forestry



The new Centre for Agriculture and
Forestry Development, Wooddale, NL

Sector Work Plan



What is the Forestry Sector Work Plan?

As part of **The Way Forward**, industry and the Provincial Government have partnered, through the Cabinet Committee on Jobs, to support economic growth and foster private sector job creation. As part of this work, the Provincial Government and the Newfoundland and Labrador Forest Industry Association have jointly led the development of the Forestry Sector Work Plan. The Forestry Sector Work Plan includes actions that each of the partners and other industry stakeholders will take to achieve the collective goal of growing the forest industry and stimulating new private sector employment.

Vision for Forest Sector Growth



Together, we will pursue opportunities and remove barriers to support forest sector growth. Our actions will put in place the conditions necessary to sustainably manage our forest resources, diversify and generate new and expanding business activity, and increase private sector employment for residents in Newfoundland and Labrador.

Industry Growth and Diversification

This Work Plan outlines steps necessary to sustain, grow and diversify the forest sector:

- Recognize Corner Brook Pulp and Paper Limited as a keystone to the forest industry by:
 - Establishing collaborative research and development programs to grow the green economy and the diversification of product lines with sustainable, high-quality fiber-based products; and,
 - Establishing value chain optimization initiatives to improve the logistics of moving wood fibre to the mill, sawmills and to market;
- Increase forest sector business activity in Newfoundland and Labrador by working with local industry to expand sawmill production and to diversify wood products including engineered wood products;
- Establish joint ventures and economic partnerships, which includes Indigenous governments and organizations, leading to an increase in direct Indigenous employment in the forest sector;
- Increase the level of forest sector activity occurring in Labrador through issuance of a Request for Proposal;
- Support the Atlantic Woodworks program to promote the utilization of engineered wood products and to increase the utilization of wood in midrise construction;
- Continue to increase timber allocations and harvest levels to reach **The Way Forward** commitment of 20 per cent by 2020 (16 per cent achieved to date) over the previous five year period. This goal was originally established in 2016. It is anticipated that the 20 per cent goal will be met in early 2020; and,





- Continue to advertise timber sale agreements (5 advertised to date) and award 5 year permits (2 awarded to date) to increase timber allocations and harvest levels.

As this industry grows, there are some things that you should know:

- Wood is a sustainable, renewable and recyclable product that can be used in a wide variety of applications. It has the potential to provide global environmental and energy solutions now and into the future.
- Our forest industry is changing and becoming more diverse and innovative. Our industry is well positioned to excel in the new, dynamic, high-growth global marketplace for biofuels, biofuel refining, and engineered and composite wood products for use in residential and commercial construction.

- As part of **The Way Forward**, the Provincial Government and industry have come together through unprecedented collaboration to develop a plan to realize the full potential of the forest industry. By supporting partnerships, technological advances and product research and diversification, we will create viable transformational pathways for the industry leveraging the emerging bio-economy. This will generate new revenues and create employment for the people of our province.

Progress in the Forest Industry

Since the downturn in the newsprint industry and the resulting decline in lumber production in the saw mill industry, Newfoundland and Labrador is experiencing a slow and steady regrowth in saw mill activity:

- Three pressure treating lumber facilities have been established creating a large market for local lumber. These products were previously imported into the province and a local supply now exists.
- Saw mills have diversified to utilize small diameter wood previously supplied to the news print industry through investments in specific sawing lines designed for small diameter wood.
- A finger-jointing line has been incorporated into one of the largest saw mills, providing for the production of long length lumber, which traditionally has not been produced in the province.
- Diversification of saw mills into commercial firewood sales has also provided a market for small diameter wood.
- Biomass dryers have been incorporated into saw mill production lines allowing the drying of waste materials (chips, sawdust, bark) which can be burned in the Corner Brook Pulp and Paper Limited co-generation facility.

These changes have provided the sawmill industry with new markets for small diameter wood, and are stimulating the growth of lumber production in the province. Finding outlets for small diameter wood remains the main impediment to the continued growth of lumber production within the province.

This Work Plan places a strong focus on finding innovative ways of using small diameter timber fibre in biomass heating, bioenergy and value added products. The activities in this Plan will position Newfoundland and Labrador to maximize private sector job creation and economic growth as set out in **The Way Forward**.

Sector Partners

The Forestry Sector Work Plan was collaboratively developed by representatives of:

Government of Newfoundland and Labrador

Newfoundland and Labrador Forest Industry Association

Newfoundland and Labrador Lumber Producers' Association

Model Forest

Forestry Safety Association of Newfoundland and Labrador

Registered Professional Foresters of Newfoundland and Labrador

Maritime Lumber Bureau

Atlantic WoodWORKS!

FPIInnovations

Tree Canada

Hearth, Patio and Barbecue Association of Canada

Newfoundland and Labrador Environmental Industry Association

Canadian Manufacturers and Exporters Newfoundland and Labrador

Newfoundland and Labrador Federation of Agriculture

Miawpukek First Nation

Qalipu First Nation

NunatuKavut Community Council

Government of Canada

Memorial University including:

- **School of Science and the Environment**
- **Office of Public Engagement**
- **Navigate Entrepreneurship Centre**
- **Grenfell Environment Policy Institute**
- **Labrador Institute**

College of the North Atlantic including:

- **Office of Applied Research**
- **Center for Energy and Thermal Systems**

Multi-Materials Stewardship Board

Western Regional Service Board

How We Are Working Together to Grow the Forest Sector



Together, industry, post-secondary institutions, Indigenous governments and organizations, and the Provincial Government, with input from federal representatives, have identified key challenges and opportunities related to: sustainable forest management, research, innovation and diversification, business development and risk management, public awareness, and human resources, skills and labour. What follows are the actions we will take together to generate growth and diversify the forest industry in Newfoundland and Labrador.



Sustainable Forest Management

- ▶ Undertake a review of sustainable forest management planning processes, legislation and permitting. (Completion target: 2021-22)
Lead: FLR, MAE, TCII
Partners: NLFIA, CBPPL, MUN, IIAS, QDC, MFN, NCC
- ▶ Identify options to enhance provincial forest inventory and operational planning including use of advanced technology and the development of multi-sectoral partnerships. (Completion target: 2021-22)
Lead: FLR, CBPPL, QDC, NLFIA
Partners: NEIA, NRCan, CNA, MUN, FPI, MFN
- ▶ Enhance multi-year planning for forest sector activities (forest access, silviculture and harvesting) including consideration of infrastructure, road construction science and climate change mitigation. (Completion target: 2021-22)
Lead: FLR, CBPPL, NLFIA
Partners: MAE, TW, MUN, CNA, QDC, MFN, NCC, IIAS, NRCan, NLLPA, FPI, LAS
- ▶ Undertake a review of the provincial silviculture treatments and applied research to advance forest site productivity and product yield. (Completion target: On-going)
Lead: FLR, CBPPL, NLFIA
Partners: RPFNL, FPI

Research, Innovation and Diversification

- ▶ Strategically advance climate change research in both the short and long term to support the advancement of the forest industry through provision of scientific modelling, interpretation and recommendations to inform forestry operation, adaptation and provincial policy development. (Completion target: 2021-22)
Lead: MUN-GC, NLFIA
Partners: FLR, CBPPL, MAE, CNA, QDC, MFN, NCC, ACOA, NRCan, NEIA, FPI
- ▶ Advance land use research and planning through the exploration of collaborations with current practitioners and the establishment of a Canada Research Chair. (Completion target: On-going)
Lead: MUN-GEPI
Partners: CBPPL, NRCan, FLR, NLFIA, NLFA, NEIA, TCII, MAE, QDC, MFN
- ▶ Explore opportunities to pilot the use of biofuel systems. (Completion target: On-going)
Lead: TW, NR
Partners: FLR, NLFIA, CNA, MUN, HPBAC, NRCan, MAE, NCC, NLLPA, NEIA, FPI
- ▶ Explore the potential for greater use of wood for heat in Newfoundland and Labrador's off-grid diesel-reliant communities, including the use of high efficiency wood stoves. (Completion target: On-going)
Lead: NR
Partners: NLFIA, FLR, NEIA, FPI, HPBAC, NRCan, NCC, CNA-OAR, NLLPA, LAS
- ▶ Explore biofuel technology in the development of the Provincial Renewable Energy Plan. (Completion target: 2019)
Lead: NR
Partners: TW, TCII, FLR, MAE, NLFIA, HPBAC, CNA-OAR, CNA-CETS, CBPPL, NEIA, MUN, NLLPA, FPI

- ▶ Examine the feasibility of creating a Wood Products Innovation Centre dedicated to applied research, technology transfer and innovation to assist industry in developing new products, including non-timber forest products and value added wood products. (Completion target: 2020-21)
Lead: CNA, NLFIA, CBPPL, MUN-GC
Partners: FLR, TCII, MAE, NR, NRCan, ACOA, MLB, AWW, NLLPA, QDC, NCC, MFN, NEIA, CME, FSANL, FPI

- ▶ Recognize and promote use of green, energy-efficient materials for building construction where appropriate. (Completion target: On-going)
Lead: TW, MLB, AWW
Partners: MAE, FPI, FLR, NLLPA, NEIA, MFN

- ▶ Explore and evaluate green innovative projects that will serve to reduce delivered fibre costs as well as provide additional revenue streams for small diameter wood and residues. (Completion target: On-going)
Lead: FLR, FPI, NLFIA, CBPPL
Partners: TCII, ACOA, NLLPA, MLB, AWW, MUN, CNA, MAE, NEIA, NR, MFN

- ▶ Review transport trailer configurations and highway weight allowances to maximize hauling and transportation cost efficiencies.
(Completion target: 2019)
Lead: SNL, FPI
Partners: FLR, NLFIA, NLLPA, FSANL, TW, CBPPL, MFN



- ▶ Support firms and entrepreneurs to pursue research and development opportunities that evaluate new innovative wood products including utilization of small diameter timber for local and export markets. (Completion target: On-going)
Lead: TCII, FLR, NLFIA
Partners: NR, FPI, MUN, CNA, ACOA, NRCan, NLLPA, QDC, NCC, MFN, CME, MLB, AWW, IIAS
- ▶ Support the advancement of the Forestry and Agriculture Regional Innovation System pilot. (Completion target: 2021-22)
Lead: Regional Innovation System Committee
Partners: MAE, NRCan, NEIA, NLLPA, FPI, NR, ACOA, MMSB, WRSB, MFN
- ▶ Support new forest product development, clean technology, innovation and adoption. (Completion target: On-going)
Lead: TCII
Partners: MAE, FPI, NEIA, MUN-GC, MFN

Forest Business Development and Risk Management

- ▶ Identify and support collaborative processes to facilitate forest industry's firm knowledge of wood product international certification, product standards and export marketing. (Completion target: 2019-20)
Lead: NLFIA, CNA, FSANL, NLLPA, CME
Partners: FLR, NRCan, ACOA, FPI, NLLPA, QDC, CME, NCC, MFN, AESL, TCII, MUN-GC, MLB, AWW, NEIA, GAC
- ▶ Facilitate collaboration between the forest and agricultural industry with regards to the utilization of merchantable timber.
(Completion target: 2019-20)
Lead: FLR
Partners: NLFIA, NLFA, CBPPL, TCII
- ▶ Develop a forest stakeholder sub-committee to strategically leverage federal supports to advance forest sector growth in Newfoundland and Labrador.
(Completion target: 2019-20)
Lead: NLFIA, MUN-GC, MUN-LI, CNA, MFN
Partners: FLR, IIAS, TCII, NR, FPI, QDC, NCC, NRCan, CBPPL, NEIA, ACOA, LAS



- ▶ Identify industry-led approaches to reduce greenhouse gas emissions of forest industry companies. (Completion target: 2019-20)
Lead: NLFIA
Partners: FLR, NR, MAE, MUN, CNA, CBPPL, MFN, NCC, NEIA, NLLPA, NRCan, FPI

- ▶ Continue monitoring and control of forest pests and explore the development of new mitigation technologies and management tools. (Completion target: On-going)
Lead: FLR
Partners: NLFIA, NRCan, MAE, CBPPL, FPI, HCS, MUN, CNA, MFN, NCC

- ▶ Promote and support industry collaboration leading to new commercial business partnerships between existing, new and Indigenous forestry businesses. (Completion target: On-going)
Lead: NLFIA, QDC, MFN, CBPPL
Partners: NCC, NRCan, ACOA, MUN, CNA, NLLPA, FSANL, FPI

- ▶ Explore forest sector development opportunities with Indigenous partners on the island and in Labrador. (Completion target: 2019-20)
Lead: FLR, NCC, QDC, MFN, Other Indigenous governments and organizations
Partners: NLFIA, NRCan, ACOA, MUN, CNA, FSANL, IIAS, LAS, FPI, CBPPL

- ▶ Enhance the hardwood-based industry in Newfoundland and Labrador.
(Completion target: 2021-22)
Lead: TCII, NLFIA
Partners: FLR, NLLPA, MFN
- ▶ Support new entrants, existing industry, and Indigenous governments and organizations to invest in forest sector expansion and product development.
(Completion target: On-going)
Lead: TCII, ACOA
Partner: FLR, CBPPL, NLFIA, IIAS, MFN
- ▶ Strengthen entrepreneurial supports for new forest sector businesses including hosting an annual forest startup event to showcase industry problem solving and new product development.
(Completion target: On-going)
Lead: NEC, MUN-GC, CNA
Partners: NLFIA, FLR, CBPPL, QFN, ACOA, TCII, FPI, MFN
- ▶ Explore modern and efficient processes to support forest information management, operations, business reporting and data management requirements. (Completion target: 2019-20)
Lead: FLR, OCIO
Partners: CBPPL, NLFIA

Public Awareness

- ▶ Increase education, awareness and communication of forest developments and Sustainable Forest Management practices amongst government, municipalities and the general public. (Completion target: 2020-21)

Lead: FLR, MAE, CBPPL, NLFIA
Partners: TCII, Individual forestry operators, NLLPA, NLFSA, TC, RPFNL, MFN
- ▶ Develop an industry-led coordinated plan for Forest Public Awareness and Education for Newfoundland and Labrador.
(Completion target: 2020-21)
Lead: NLFIA
Partners: FLR, MAE, AESL, NLLPA, FSANL, NLFA, RPFNL, CBPPL, MUN, CNA, QDC, MFN, NCC

- ▶ Promote the education of safe, low emission wood product burning appliances including the production of properly seasoned fuelwood as a primary source of residential heat. (Completion target: 2020-21)

Lead: NLFIA, HPBAC

Partners: FLR, MAE, NR, MFN

Human Resources, Skills and Labour

- ▶ Develop a Forest Sector Attraction and Retention Strategy to address labour issues, strengthen human resource capacity and undertake new initiatives to attract and retain workers. (Completion target: 2019-20)

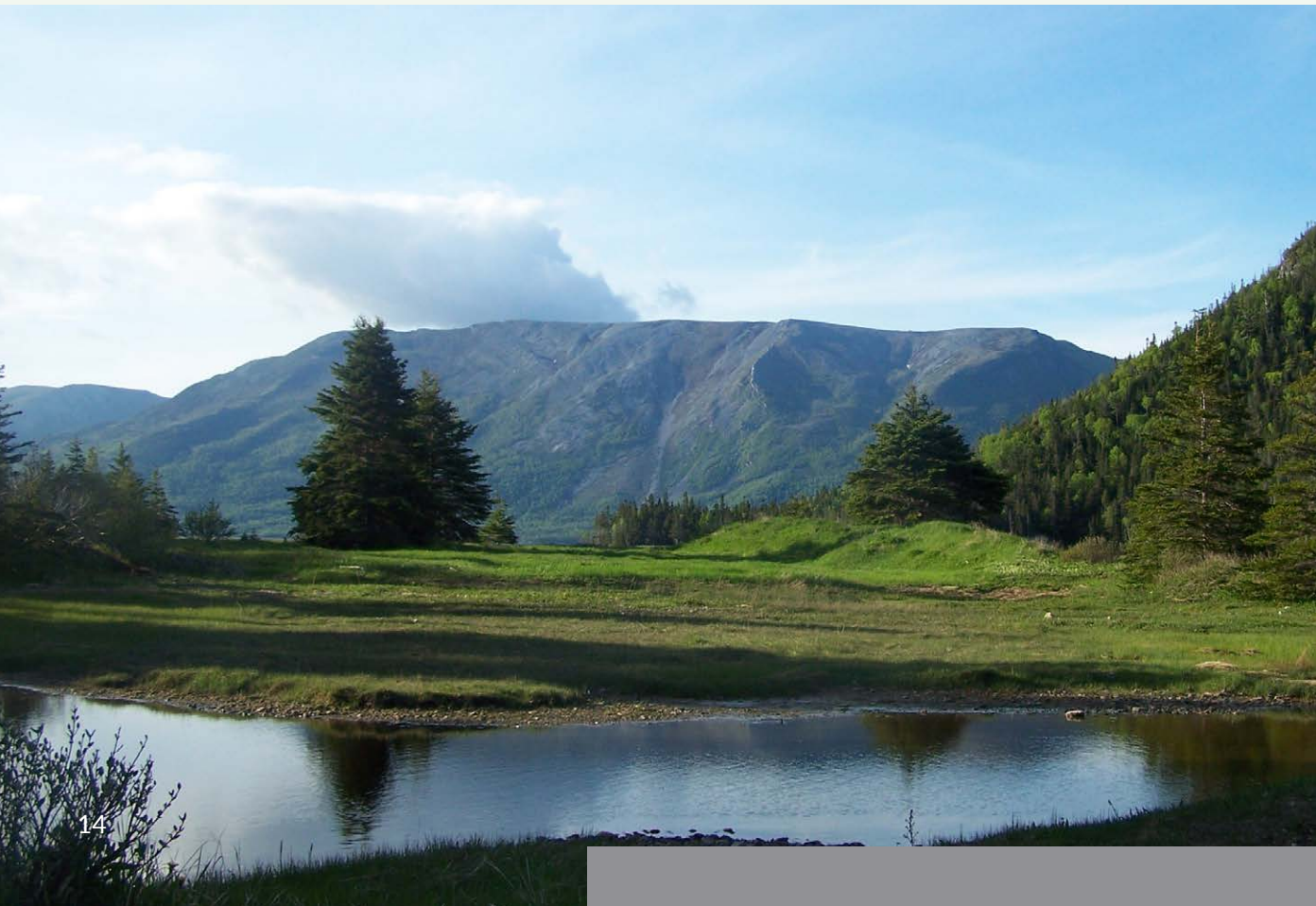
Lead: NLFIA, MUN, CNA, CBPPL

Partners: AESL, FLR, NLLPA, QDC, NCC, MFN, AWW, MLB, FSANL

- ▶ Promote forest and agriculture sector career opportunities to secondary students through integration of forestry material into the Agriculture in the Classroom Program. (Completion target: 2019-20)

Lead: EECD, NLFIA, NLFA, AWW, MLB, MFN

Partners: FLR, NLLPA, QDC, NCC, FSANL



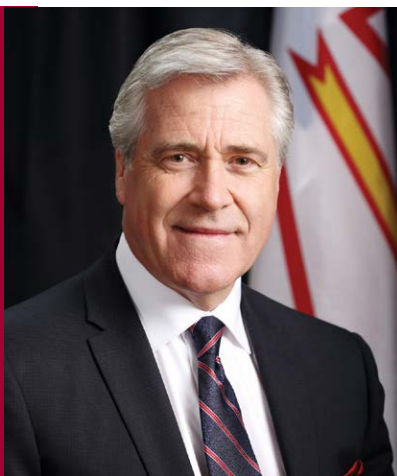
Acronyms

ACOA	Atlantic Canada Opportunities Agency
AESL	Department of Advanced Education, Skills and Labour
AWW	Atlantic WoodWORKS!
CBPPL	Corner Brook Pulp and Paper Limited
CNA	College of the North Atlantic
CNA-OAR	College of the North Atlantic - Office of Applied Research
CNA-CETS	College of the North Atlantic - Centre for Energy and Thermal Systems
CME	Canadian Manufacturers and Exporters Newfoundland and Labrador
EECD	Department of Education and Early Childhood Development
FLR	Department of Fisheries and Land Resources
FPI	FPIInnovations
FSANL	Forestry Safety Association of Newfoundland and Labrador
GAC	Global Affairs Canada
HCS	Department of Health and Community Services
HPBAC	Hearth, Patio and Barbecue Association of Canada
IIAS	Intergovernmental and Indigenous Affairs Secretariat
LAS	Labrador Affairs Secretariat
MAE	Department of Municipal Affairs and Environment
MFN	Miawpukek First Nation
MLB	Maritime Lumber Bureau
MMSB	Multi-Materials Stewardship Board
MUN	Memorial University of Newfoundland and Labrador
MUN-GC	Memorial University - Grenfell Campus
MUN-GEPI	Memorial University - Grenfell Environmental Policy Institute
MUN-LI	Memorial University - Labrador Institute
NEC	Navigate Entrepreneurship Centre
NEIA	Newfoundland and Labrador Environmental Industry Association
NCC	NunatuKavut Community Council
NLFIA	Newfoundland and Labrador Forest Industry Association
NLFA	Newfoundland and Labrador Federation of Agriculture
NLLPA	Newfoundland and Labrador Lumber Producer's Association
NR	Department of Natural Resources
NRCan	Department of Natural Resources Canada
OCIO	Office of the Chief Information Officer
QDC	Qalipu Development Corporation
QFN	Qalipu First Nation
RPFNL	Registered Professional Foresters of Newfoundland and Labrador
TC	Tree Canada
TCII	Department of Tourism, Culture, Industry and Innovation
TW	Department of Transportation and Works
SNL	Department of Service Newfoundland and Labrador
WRSB	Western Regional Service Board



Select photos courtesy of the Canadian Forestry Centre and Corner Brook Pulp and Paper.

The Way Forward on Forestry



“Our vision for the future of Newfoundland and Labrador is a place where potential is realized and opportunities abound. Through unprecedented partnerships with high potential industries, we are fostering the economic growth, innovation, and job creation needed to support bright futures for the people of our province.”

Premier Ball



gov.nl.ca/forestrysummit