

NOVA SCOTIA FORESTRY SECTOR

Fact Sheet





FORESTRY AT A GLANCE

\$1.8B ▶ in Economic Impact

>6,000 ▶ Jobs

5.7M M3/Yr ▶ Sustainable Harvest Level

93 ▶ Sawmills. 4 producing >75
MMFBM/year

8 ▶ Value Added Products

4 ▶ Paper & Siding Products

3 ▶ Energy Products

6 ▶ Ports with wood products
shipping capability



FOREST RESOURCE & LAND MANAGEMENT

Forested Land
(~80% working) **▶ 4.16 M**
Hectares

2022 Annual Harvest
(40% of sustainable level) **▶ 2.3M M3**

Silviculture Program Area **▶ 8,254**
Ha treated

PRIMARY STAND TYPE

48% **▶ Softwood**

32% **▶ Mixed**

20% **▶ Hardwood**

Common Species:

Spruce, Pine, Hemlock, Larch, Balsam Fir

Maple, Birch, Oak, Aspen, Ash

Management Entities

Crown licenses /
FULAs

5, 1.05

Mha managed

Private Landowner
Associations

~8

Community
Forest

1

Management Certifications



LUMBER & SPECIALTY WOOD PRODUCTS

Provincial Softwood Lumber Production

▶ **370**M Mfbm

Manufactured by-products

- Bark, Chips
- Sawdust, Shavings

▶ **1.1**M GMTS

Specialty Wood Products Manufacturing

- Barrels
- Baskets
- Cutting boards
- Flooring
- Fruit boxes
- Mouldings
- Furniture
- Pallets



Certifications



PAPER AND EXTERIOR SIDING

Paper: SCA+, SCA++

▶ **360** K metric tonnes



Port Hawkesbury Paper

Maibec - Canexel



Certifications



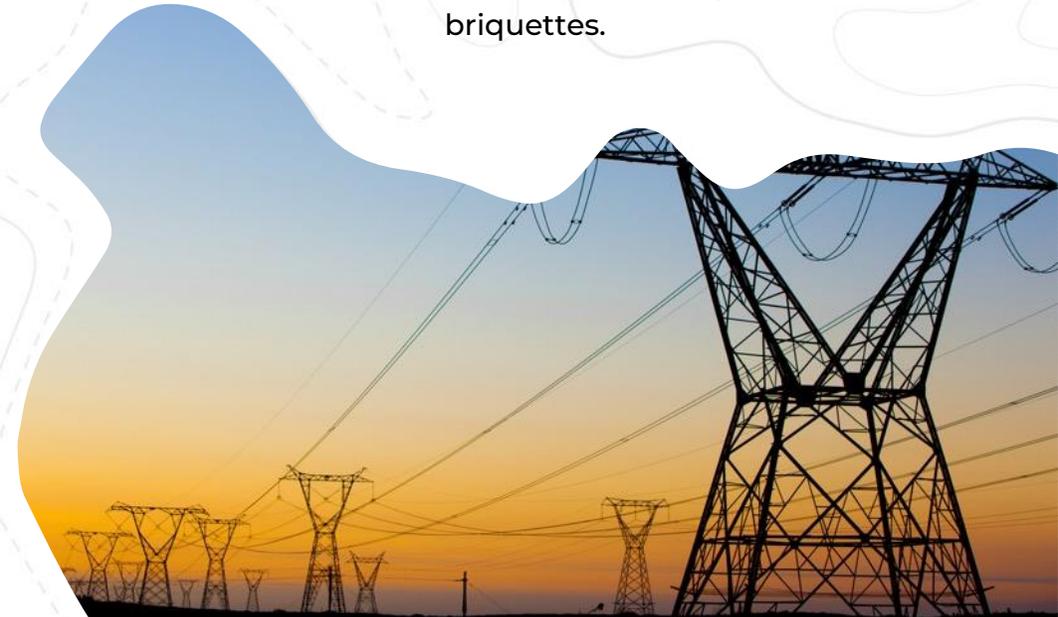
HEAT & ENERGY

~150,000 tonnes Pellets
~90 MW CHP



Nova Scotia has three CHP (combined heat and power) generating facilities using largely sawmill residuals as fuel.

Compressed wood fuels are also produced in the province in the form of wood pellets for residential and industrial use, as well as wood briquettes.



SUPPLY CHAIN

Independent Contractors

- ▶ **>300** Harvesting, Trucking, Silviculture

Contractor Configuration

Owner Operator with single machines

- ▶ **~15,000** GMT/yr Production

Fleet/multiple machines

- ▶ **~75-90,000** GMT/yr Production

Harvest Prescriptions

- Final felling
- Shelterwoods
- Selection harvest
- Commercial thinning
- Manual & mechanical felling and processing

Silviculture Treatments

- Planting
 - PCT
 - Scarification
- >95% CTL**
- 8',9',10',12',14',16' typical lengths
 - 2"-6" trim

Products

- Sawlogs
- Studwood
- Veneer
- Pulpwood
- Pallet wood
- Firewood



TRANSPORTATION & LOGISTICS



Roads

Nova Scotia has a complex road network with major arteries passing North-South, East-West, with various classes of secondary roads connecting rural areas.

Trucking Configurations

With and without loader
Tandem
Triaxle
Quad axle
B-train
Tandem & Tridrive tractors

62,500kg-41,500 kg GVW

Rail

Nova Scotia's rail infrastructure is largely managed by CBNS & CN Rail, servicing Halifax to points North-West, and East to Cape Breton Island.

Ports

Nova Scotia has a series of ports capable of shipping wood products both in bulk and container. The Port of Halifax and Sheet Harbour are predominantly used for the movement of lumber, pellets, chips, and paper.

BIO-ECONOMY CO-LOCATION OPPORTUNITIES



Eight locations throughout the Province have been identified as key partners for co-location developments

Learn more at:
www.nsbioeconomicsites.com





WORKFORCE & EDUCATION

- >6,000** ▶ Total Jobs
- \$15-\$70/hr** ▶ Wage range
- Multiple** ▶ Educational Institutions & Organizations

Offering Forestry or related degree & certificate programs

Types of jobs

- Environmental supervisors
- Millright
- Forestry technologists
- Heavy equipment operators (logging, sawmill and paper mill)
- Logging truck drivers
- Process equipment operators
- Management
- Material handlers
- Silviculturists (forest managers)
- Technicians (pulp, paper and logging)



For More information:
Forestry Sector Council
www.forestrysectorcouncil.ca

WOOD PRODUCTS EXPORT

Nova Scotia Wood Products
Total Exports in 2022

\$606 M

\$520 M
North America

\$81 M
Europe

\$2.5 M
Asia

\$2.4 M
South America

\$0.5 M
Australia





ORGANIZATION LINKS

First Nations

Unama'ki Institute of Natural Resources www.uinr.ca

Confederacy of Mainland Mi'kmaq www.cmmns.com

KWILMU'KW MAW-KLUSUAQN www.mikmaqrights.com

Government

Province of Nova Scotia www.novascotia.ca

Natural Resources Canada www.natural-resources.canada.ca

Investment

Invest Nova Scotia. www.investnovascotia.ca/

Atlantic Provinces Economic Council www.apec-econ.ca/

Atlantic Canada Opportunities Agency www.canada.ca › atlantic-canada-opportunities

Nova Scotia Innovation Hub www.novascotiainnovationhub.com

Forestry Economic Task Force www.nsfetf.com

Export Development Canada www.edc.ca

Education

Nova Scotia Community College www.nsccl.ca

Dalhousie University www.dal.ca

Maritime College of Forest Technology www.mcft.ca

University of New Brunswick www.unb.ca

Research

The Verschuren Centre www.verschurencentre.ca

Research Nova Scotia www.researchns.ca

Workforce & HR

Forestry Sector Council www.forestrysectorcouncil.ca

Workers Compensation Board www.wcb.ns.ca

Industry Associations

Forest Nova Scotia www.forestns.ca

Canadian Woodlands Forum www.cwfcf.org

Maritime Lumber Bureau www.mlb.ca

Forest Safety Society www.fss.ns.ca





Nova Scotia Forestry Economic Task Force

75 High Street,
Bridgewater, Nova Scotia
B4V 1V8, Canada

nsfetf.com
info@nsfetf.com



November 2023

Photo credits: Spencer Coulstring