

NOVA SCOTIA FORESTRY SECTOR

Highlights



FORESTRY AT A GLANCE

\$1.5B ▶ in Economic Impact

~6,000 ▶ Jobs

2.4M M3 ▶ 2023 Harvest Level

89 ▶ 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

2023 Annual Harvest **▶ 2.4M M3**

Silviculture Program Area **▶ 7,780**
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

► **390**_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



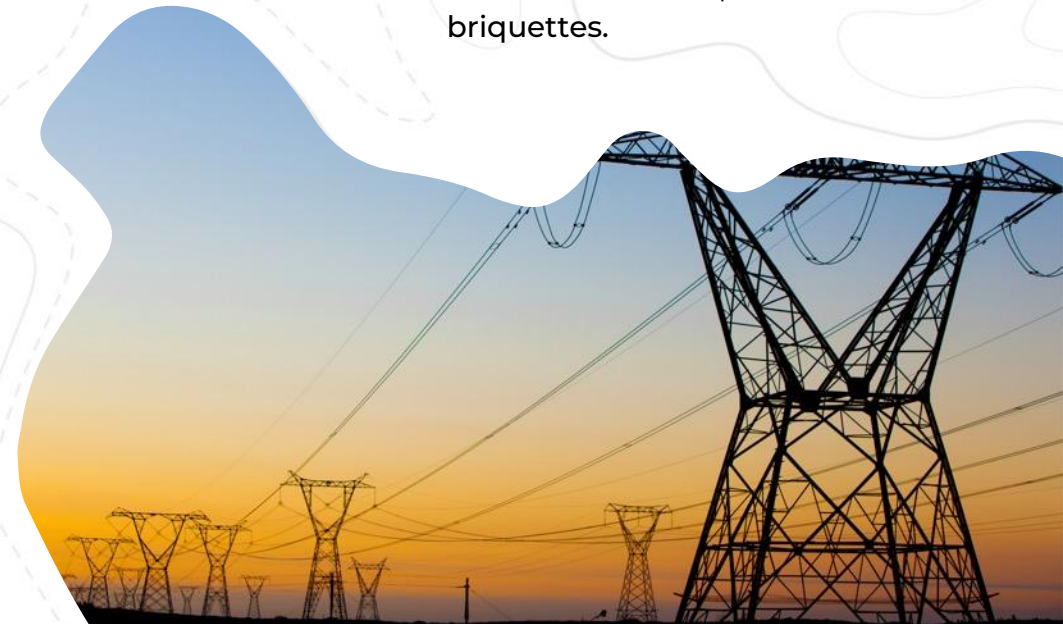
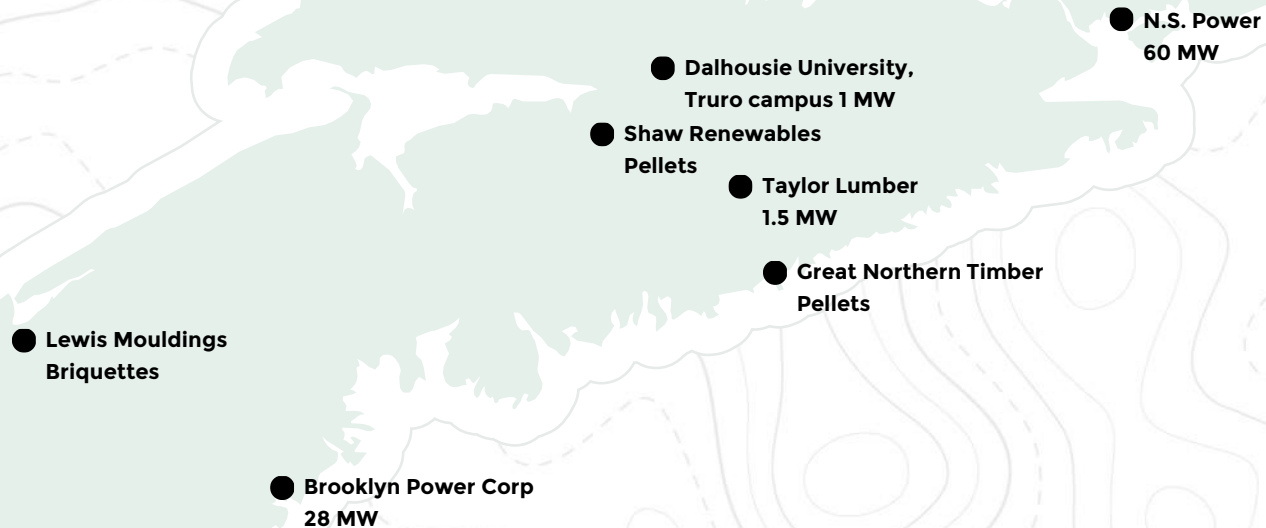
HEAT & ENERGY

~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

- ▶ **>250** 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



Silviculture



Tree Growth



Harvesting



Trucking



Manufacturing



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

63,500kg-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.nsbioeconomysites.com

FREEMAN
Sustained Forests

THE
SHAW
GROUP

SHAW
RENEWABLES


maibec

PORT HAWKESBURY

PAPER

 **POSHA**
SUSTAINABLE PAPER



WORKFORCE & EDUCATION

~6,000
\$15-\$70/hr
Multiple

► **Total Jobs**

► **Wage range**

► **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
- Technicians (pulp, paper and logging)

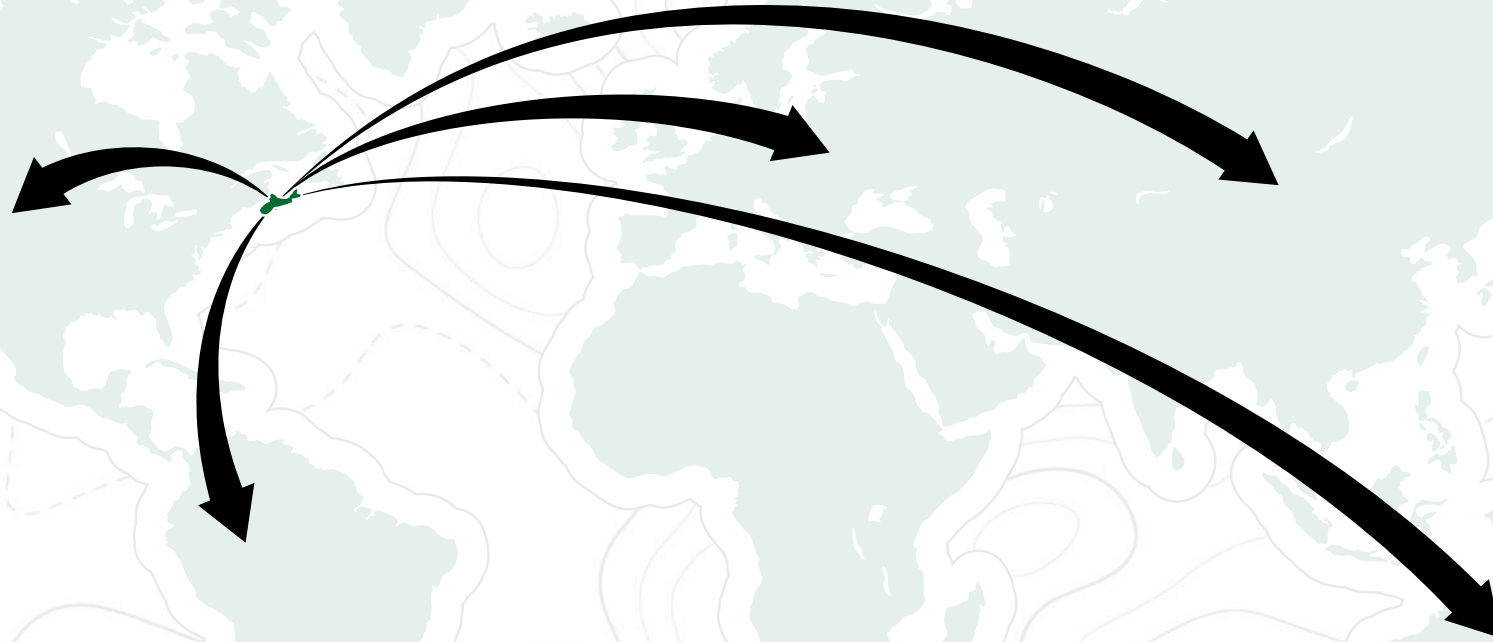


For More information:
Forestry Sector Council
www.forsec.ca

WOOD PRODUCTS EXPORT

Nova Scotia Wood Products
Total Exports in 2024

\$502 M





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

Greenspring Bioinnovation Hub www.greenspringbio.ca

Forestry Economic Task Force www.nsfetf.com

Export Development Canada www.edc.ca

Education

Nova Scotia Community College www.nsgcc.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.forsec.ca

Workers Compensation Board www.wcb.ns.ca

Industry Associations

Forest Nova Scotia www.forestns.ca

Association for Sustainable Forestry www.asforestry.com

Canadian Woodlands Forum www.cwfc.org

Maritime Lumber Bureau www.mlb.ca

Forest Safety Society www.fss.ns.ca





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Photo credits: Spencer Coulstring