



Scaling Up Bio 2024 Nova Scotia Update

FOSTERING GROWTH IN NOVA SCOTIA'S LOW
CARBON BIOECONOMY





**WE'VE
REBRANDED!**

**GREENSPRING
BIOINNOVATION
HUB**

**VISIT US AT
greenspringbio.ca**

VISION OF SUCCESS:

Innovation driven, sustainable, bioeconomy businesses



FIBENOL – ESTONIA



VYTERRA RENEWABLES – ON, QE, NS



SUSTANE TECHNOLOGIES – CHESTER, NS



OBERLAND AGRI-SCIENCE - HALIFAX, NS

Nova Scotia's bioeconomy strives to create a more prosperous future by harnessing our abundant forestry, agriculture, marine, and waste management resources in a sustainable manner to support economic growth, environmental sustainability, and social well-being.



Projected Impact of Active Pipeline Clients

Rural Economic
Development

\$1.3B

Invested
Capital

78%

Outside
HRM

Support for
Traditional Industry

924 K TPY

Renewable Feedstock
Consumption

Combating
Climate Change

6.4 M TPY CO₂e

GHG
Reduction

*Project impact at commercial scale



How We Help



ADVOCACY



INVESTMENT
LEVEL DATA



CONNECTION
TO RESOURCES



MILESTONE
FUNDING

What's Up in Nova Scotia?

FACTS, FIGURES AND LOCATION

NOVA SCOTIA



Population: 1,069,364 (2024),
Halifax: 423,000



GDP: \$43.8 billion (2023)



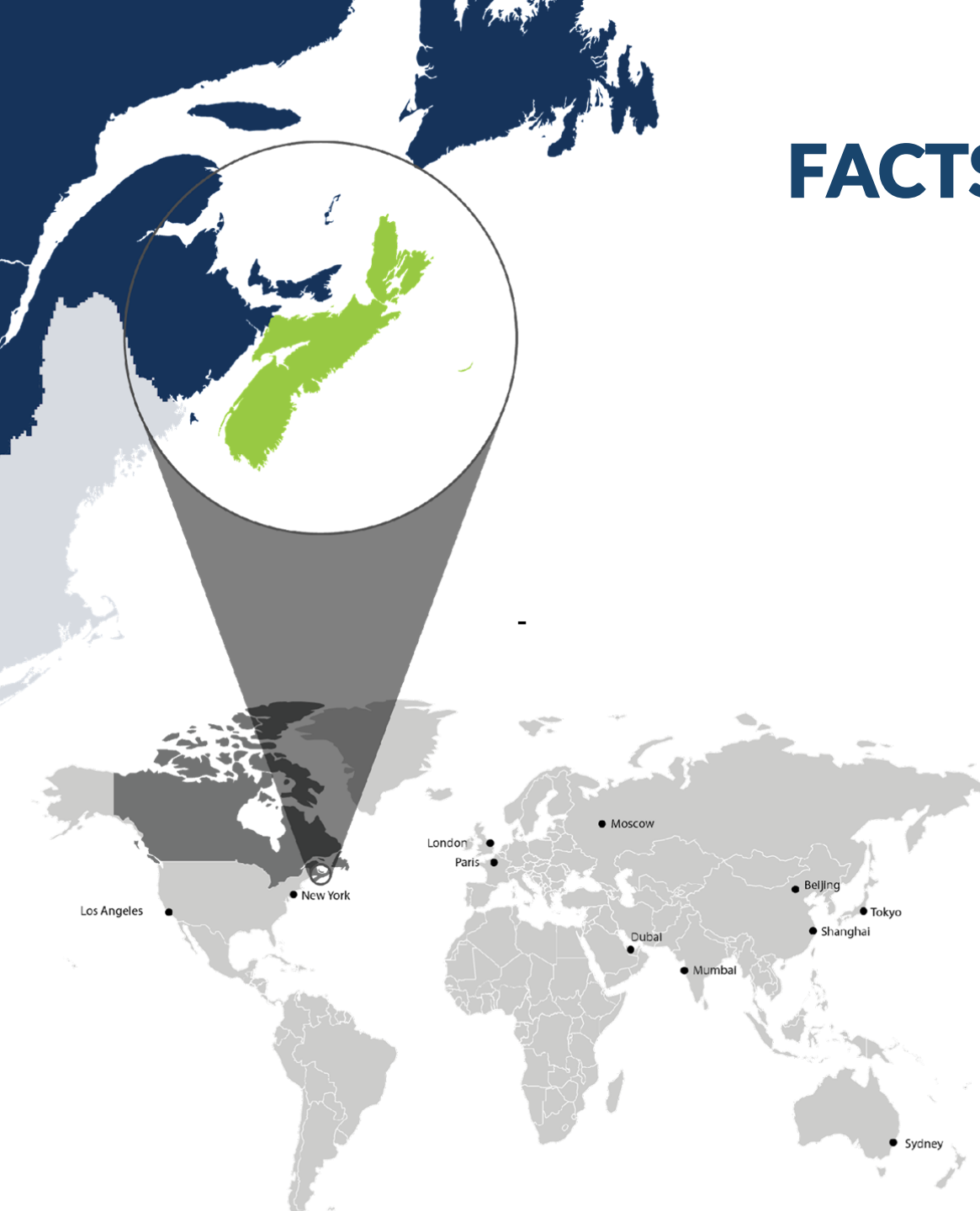
58% of Nova Scotia's population
has post-secondary education
(OECD average is 39%)



Largest Exports are Rubber, Seafood
and Forest Products



- Canada's 'Ocean Playground'
- Halifax is Canada's 4th fastest -
growing city



Atlantic BIOCON 2024



IGNITE



Southwest Nova Scotia BDO Zone

'A' Rating for 550,000 GMT of sawmill residuals and low grade roundwood

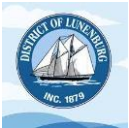
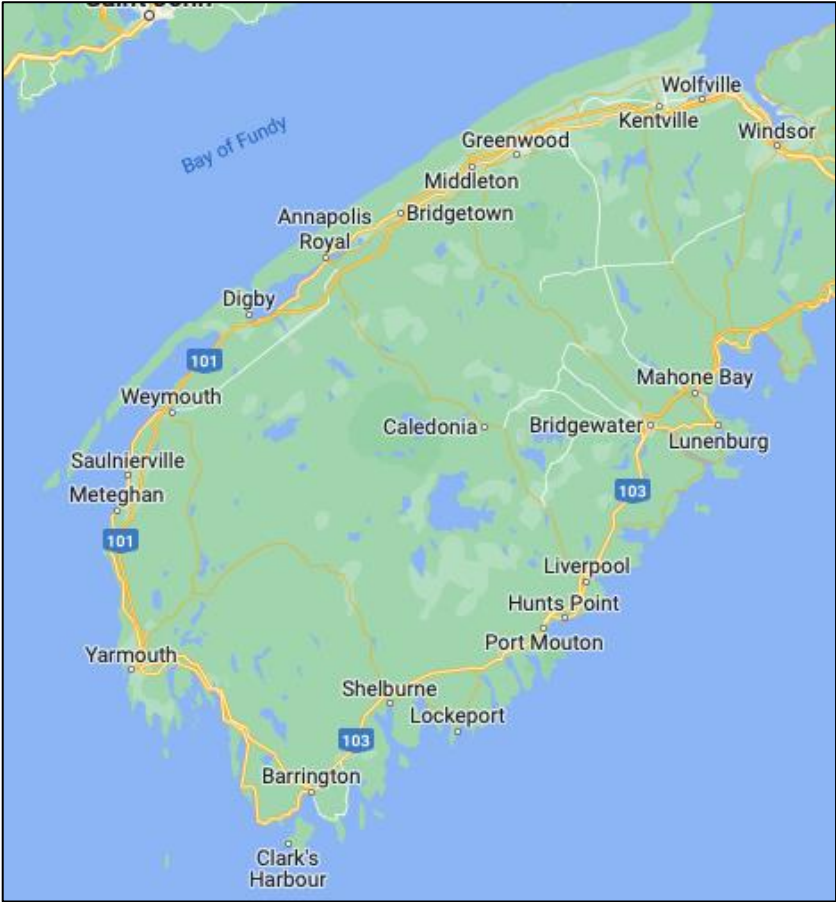


SOUTHWEST NOVA SCOTIA RECEIVES

'A' RATING

FOR BIOECONOMY DEVELOPMENT OPPORTUNITY ZONE!

Logos at the bottom of the graphic include: Greenspring BioInnovation Hub, Town of Bridgewater, The Municipality of Chester, District of Lunenburg, and Queens Coast.



GreenShoots Partnership



GreenShoots

Apply by Friday, February 16

investnovascotia.ca/greenshoots

SINCE 2020:



9 rounds completed, the most recent in Sep 2024



41 Nova Scotia early-stage Bioeconomy ventures supported with guidance and funding



Investment of \$1.35M by the partners



Over 70% have raised private equity, over \$65M in total

RapidFermTech Upskill Training Program

Cohort 2 has begun at INNOV!



Verschuren Centre in Sydney says planned expansion will attract business to Nova Scotia

Testing facility helps companies bring sustainable products to market



[Erin Pottie](#) · CBC News · Posted: Dec 20, 2022 8:31 PM AST | Last Updated: December 20, 2022





Michelin Canada and Vytterra Renewables Collaborate to Trial Low Carbon Fuel Oil at Waterville, NS Plant

by TristinMabey | Jun 12, 2024 | Projects

Taking a significant step towards its ambitious carbon reduction goals, Michelin Canada, in collaboration with Vytterra Renewables, the Verschuren Centre, the Greenspring Bioinnovation Hub, and Invest Nova Scotia, successfully conducted a two-week trial using Low...

Irish company plans renewable energy megaproject for rural Nova Scotia

Simply Blue Group says the project will create hundreds of local jobs and a new market for wood chips



[Taryn Grant](#) · CBC News · Posted: Sep 13, 2024 1:27 PM ADT | Last Updated: September 13



Simply Blue bought land in Goldboro, N.S., from a natural gas company that failed to see through plans for a liquefied natural gas plant. (Pieridae Energy)

Nova Scotia

Judge approves settlement agreement between N.S. government and Northern Pulp owner

Paper Excellence will now begin feasibility study for new mill in Liverpool area



[Michael Gorman](#) · CBC News · Posted: May 31, 2024 4:17 PM ADT | Last Updated: May 31



The Northern Pulp mill in Abercrombie Point, N.S., seen in this file photo from 2019, will never reopen after a B.C. Supreme Court judge signed off on a settlement agreement between the company and the Nova Scotia government on Friday. (Robert Short/CBC)

Canadian insect meal producer opens first commercial scale BSFL facility

The Nova Scotia-based company opened its first commercial farm on the periphery of Halifax.



Oberland Agriscience Inc. opens flagship commercial scale BSFL production facility in Halifax, NS, Canada. Credits: Oberland Agriscience

November 14, 2024



CLOSING THOUGHTS



Scale-up appears to have started



Capacity and sophistication of developers has increased

GAPS:



Accelerating customer engagement



Late-stage capital

