



Unlocking low-carbon fuels and materials from forestry: A blueprint for transformation

November 2025



Vyterra
Renewables

About the Company



Vyterra Renewables (“Vyterra”) is the wholly-owned subsidiary of Ensyn Corporation. The Company is focused on the Canadian deployment of clean technology projects for the production of decarbonisation solutions for the heating, chemicals and transportation markets internationally.



Vyterra offers a mature, de-risked platform technology known as RTP® for the conversion of biomass residues into a liquid product that can be either consumed ‘as is’ as a Low Carbon Fuel Oil or further processed as an intermediary feedstock for biochemicals and advanced biofuels.



Vyterra has been issued the Canadian license for RTP®, and the Company’s staff offer engineering, commissioning, start-up and operating expertise to build and operate biomass thermal conversion projects worldwide. The Company also provides technical engineering services to existing facilities owned by third-party customers.



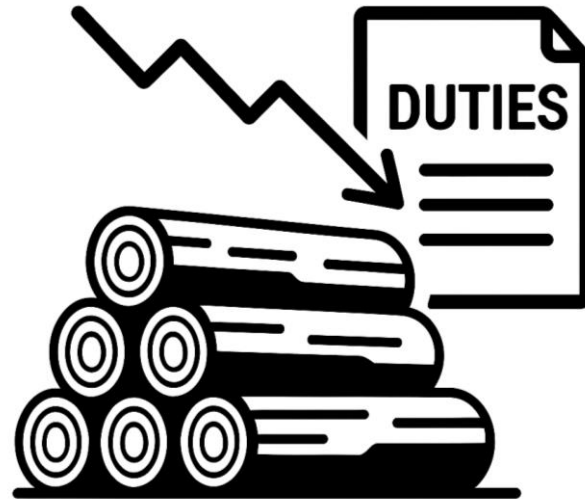
Vyterra’s first project is located in Enfield, Nova Scotia, at the site of the Ledwidge Lumber sawmill. The Company has developed a pipeline of other RTP® projects in Canada. It is the Company’s intention to operate all facilities and remains flexible on the equity ownership structure.



Vyterra continues to develop additional, high-value applications for its platform low carbon liquid product, including Sustainable Aviation Fuels, biochemicals, carbon black, and biographite. For example, the Company is working with the Verschuren Centre in Nova Scotia to develop low carbon marine fuels using wood residue fast pyrolysis.

Between a rock and a hard place

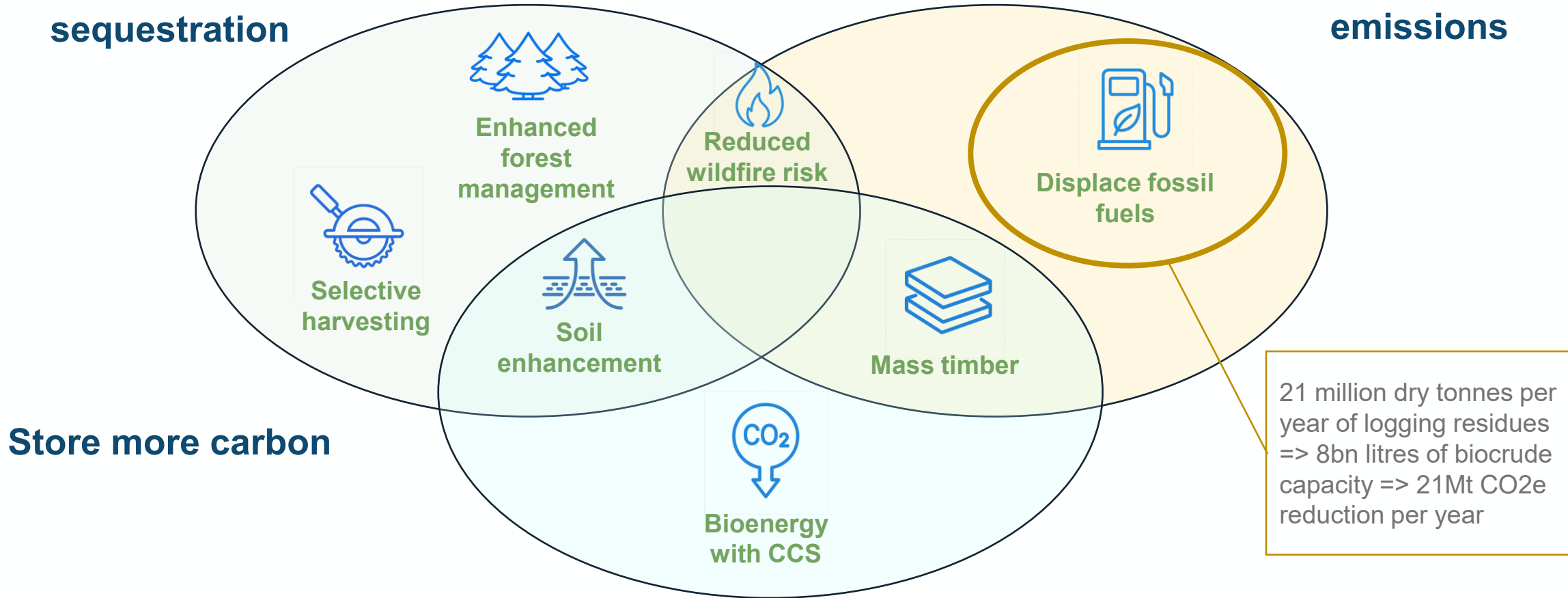
- Softwood lumber exports to the U.S. hit by prohibitive tariffs in most provinces.
- 30% to 20% reduction in the production of pulp and softwood lumber in the past 10 yrs.
- Widening gap between sustainable wood supply levels and total harvest = Missed economic opportunity + more fuel for forest fires.
- Increased forest fire GHG emissions, while forest sector emissions have reduced by 50% since 2005.



A missed opportunity for climate competitiveness?

Increase carbon sequestration

Reduce GHG emissions



Bringing this blueprint to life in Nova Scotia

ENFIELD

Ledwidge Lumber sawmill



RTP® clean fuel facility

150,000gmt of wood residues input
42m litres RTP® clean fuel facility



ELMSDALE

ELCO sawmill

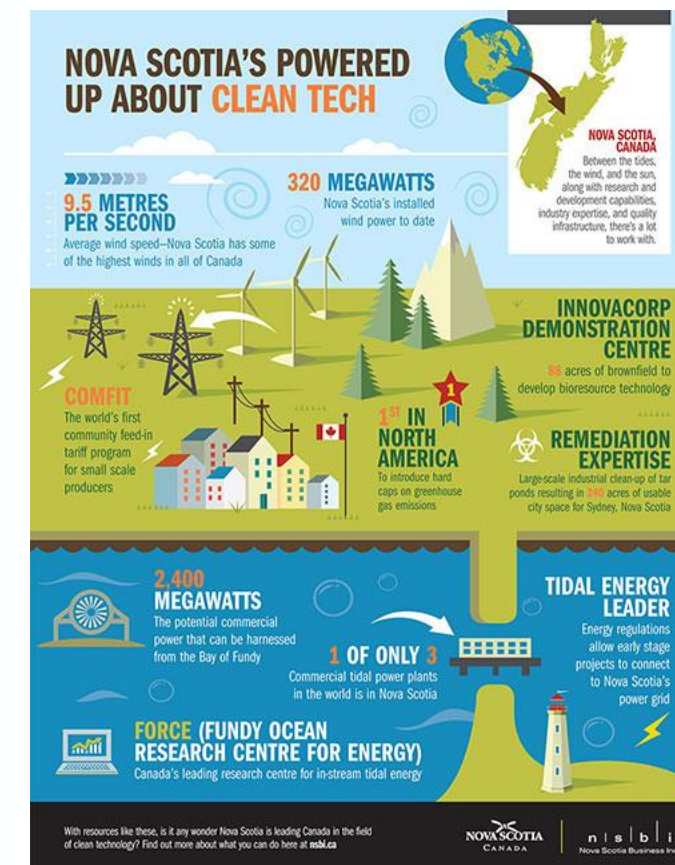


Mass timber project



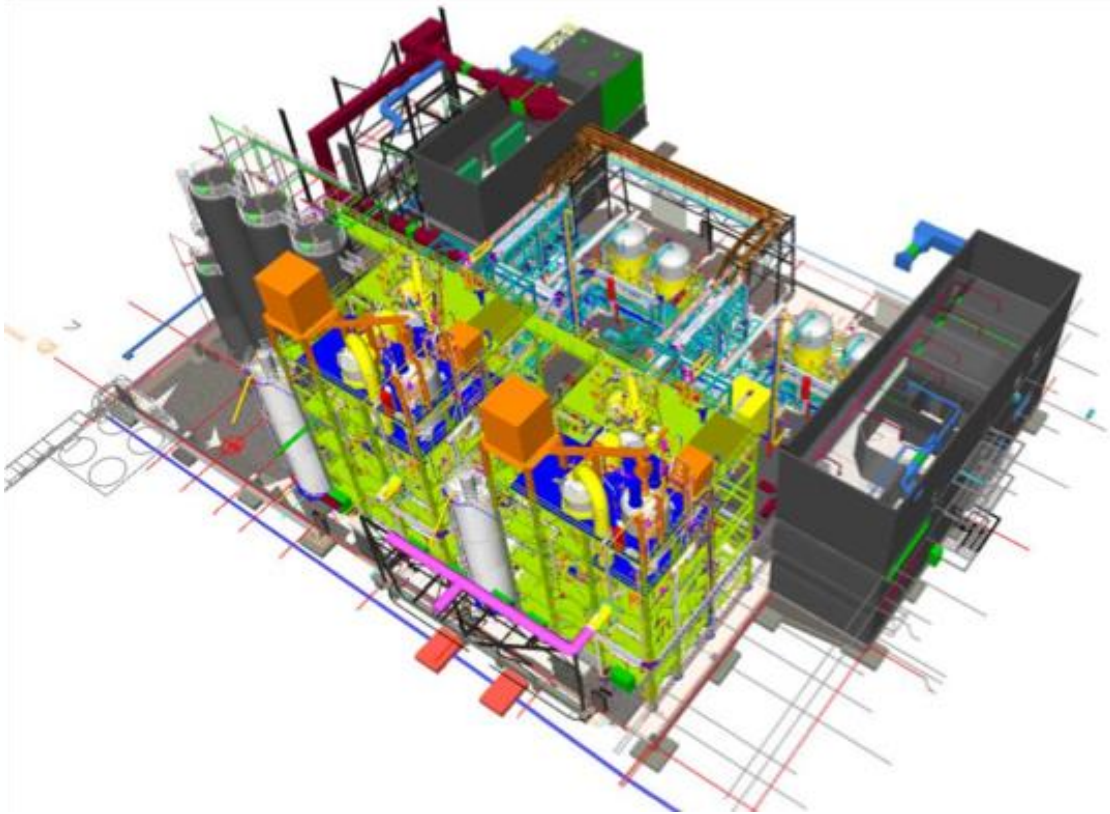
Nova Scotia's Strategic Advantage

- ✓ 1.5 to 2 million green metric tonnes of surplus low grade wood residues per year.
- ✓ Strong, local heat load customer base – Michelin Canada has 3 tire facilities, other industrial fuel users still rely on a mix of Compressed Natural Gas and furnace oil, and the provincial hospital system counts many locations that rely on furnace oil.
- ✓ 25% refundable capital investment tax credit (CITC) stacked with 30% federal refundable Clean Technology ITC.
- ✓ Nova Scotia is perfectly located for easy export to other markets.
- ✓ Replicable – 3x RTP facilities planned for Nova Scotia.



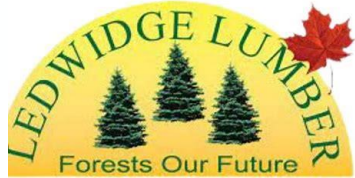
Enfield Project overview

3D rendering for future Nova Scotia RTP® Facility

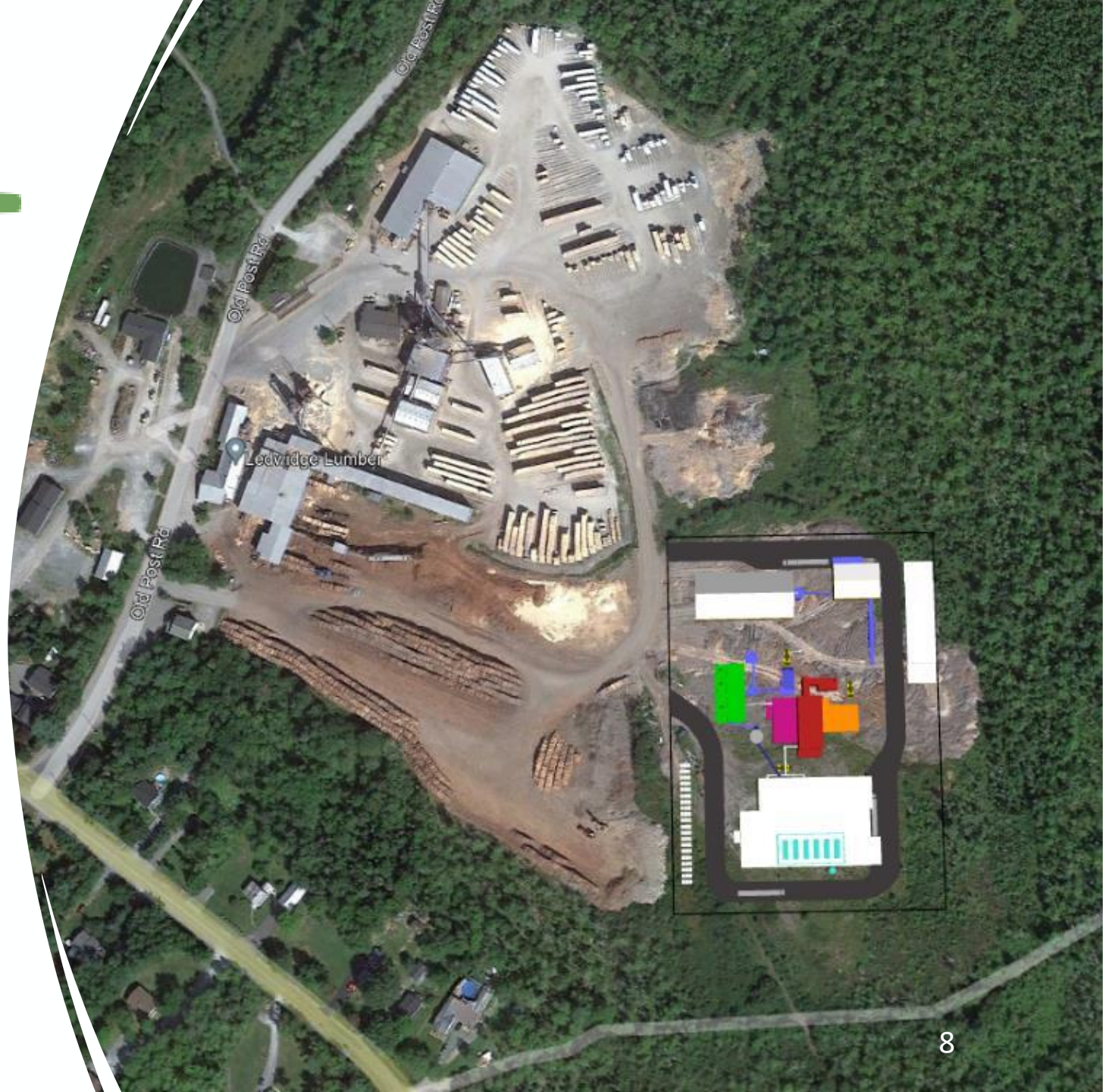


- ✓ Vytterra Renewables is building an RTP® Facility to convert ~150,000 green metric tonnes of wood residues into decarbonization solutions. **This is the second of its kind in Canada.**
- ✓ **Local Feedstock** - The facility is adjacent to a major regional sawmill in Enfield, Nova Scotia, 40kms North of Halifax.
- ✓ **Large impact** - The facility will produce ~42m litres of Low Carbon Fuel Oil (LCFO) with a carbon reduction potential of ~65,000tCO₂e per year.
- ✓ **Local sales of LCFO** to Nova Scotia industrial users. Michelin Canada as an anchor customer.
- ✓ **Generate clean fuel credits** through the federal, Clean Fuel Regulations (CFR).

Project site



- ✓ The facility will lease a 6-acre site, adjacent to the sawmill (lease option agreement executed).
- ✓ All utilities are accessible on-site.
- ✓ The site is next to the Trans-Canada Highway and ~40kms away from the deep-water Port of Halifax.
- ✓ Re-zoning has been approved by the Regional Council.



Proven Technology

Two out of seven licensed RTP® plants are in Eastern Canada

Renfrew Facility in Ontario (Canada)



- Designed and built by an engineering team which includes Vyterra Renewables' senior engineers
- Owned and operated by Kerry Group PLC
- Capacity of ~ 12m litres (70 dry tonnes of biomass per day)
- In operation since 2006



Port Cartier Facility in Quebec (Canada)



- RTP® units supplied by Envergent Technologies, a Honeywell UOP company
- Owned and operated by Bioenergy AECN Canada
- Capacity of ~40 million litres with two production lines (200 dry tonnes of biomass per day)
- Supplying LCFO to ArcelorMittal Canada for use in their indurating furnace.



**7 commercial RTP® facilities in North America licensed to third parties
with a combined installed capacity of ~65m litres per year**

Building blocks to spur investments

- Level playing field and fiscal competitiveness.
- Smart, stable policy environment that rewards domestic production.
- Optimize Clean Fuel Regulations treatment for forest residues – don't mis the forest for the trees.
- Open up long-term fibre supply.
- Streamline permitting.
- Support long-term offtake and markets (procurement + long-term industrial carbon price signal).
- Invest in workforce and supply chains.



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