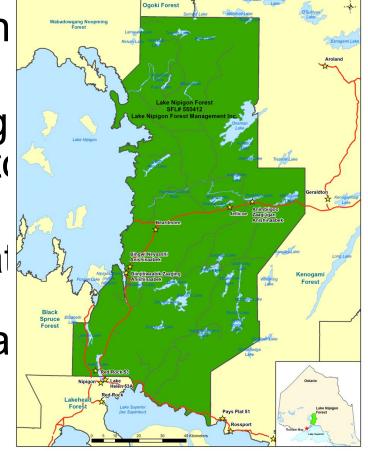


Background on LNFMI

- •Forest Management Company holding the Sustainable Forest License (SFL) on the Lake Nipigon Forest
- Initially was a Co-Op between Facilities an Harvesters
- During the '08 recession, all Facilities/ larg harvester Shareholders went bankrupt, into receivership or exited the area
- The First Nations located on the forest that had harvest rights became the only shareholders to survive (AZA, BNA, BZA a RRIB)

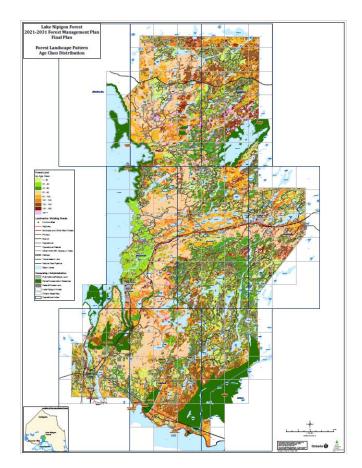




Background on LNFMI

- The Lake Nipigon Forest is ~1 Million Hectares in size
- Through the SFL, LNFMI has the right to harvest all the allocations on the forest and utilize most of it
 - Historic Supply Agreements to AV Terrace Bay, Resolute FP and Columbia FP allow for these facilities to utilize 379,800m3 of the 960,787m3 merchantable material available annually





Goals of LNFMI

- Financial model is based almost entirely on wood sales
 - Over the last 10 years there has been a strong SPF sawlog/pulp market supporting the company
 - Very limited market for hardwood and no market for unmerchantable wood fiber
- Promoting Local Capacity and Economic Development of the area
- Environmentally and Socially acceptable Forest Management practices



Ensuring Forestry Sustainability

- 10 year FMP
 - Four years to prepare a plan that balances Social, Environmental and Economic values
- Independent Forest Audits
 - Spring 2024 LNFMI audit confirmed sustainability and best management practices



Silviculture Innovation

- Hardwoods
 - Value added trees test site established in 2022
- Tree Improvement
 - Improved Jackpine

 Form project in addition
 to improved growth
 tests



Silviculture Innovation

- 2 Billion Tree Plant Program
 - BZA Forestry Resources Inc.
 - Reclaiming land lacking trees, old roads and pits
 - Support in logistics, scheduling nursery space, consultation, prescriptions and permitting



Silviculture Innovation

 Winter Mechanical Site Prep.

Drone Seeding

•2,106.7 ha seeded to date

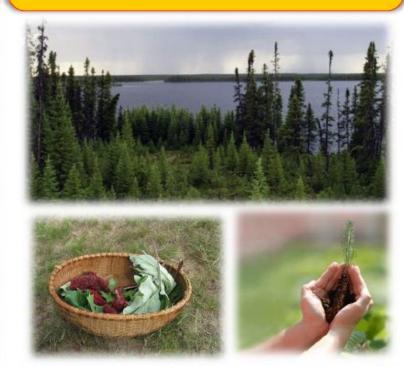


Spray Reduction

- Spray Reduction Committee in 2015/2016
- Tending Toolbox created
- Reduction targets set by Board of Directors

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024*
						2020	202 1	2022	2023	2024
3,411	1,944	1,174	-	-	-	-	265	-	-	-
-	-	-	-	257	352	-	200	-	-	121
188	-	33	97	81	62	-	-	145	-	130
	-				257	257 352	257 352 -	257 352 - 200	257 352 - 200 -	257 352 - 200

Kenogami and Lake Nipigon Forest Tending Tool Box Committee



This is a product of representatives from the First Nation communities which are involved in the management of the Lake Nipigon and Kenogami Forests with the goal of improving the social, environmental and economic sustainability of forest renewal.

LNFMI's Economic Growth

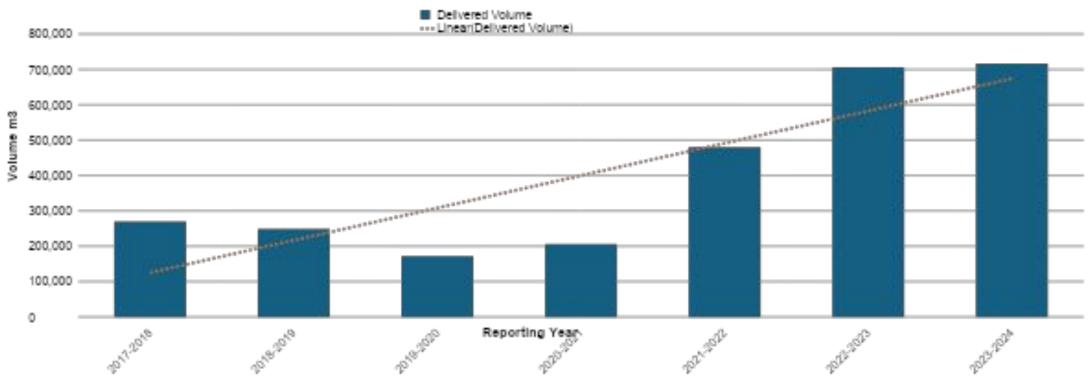
- •Prior to 2015
 - Minor harvesters on the forest <60,000m³/yr
 - Tree Plant ~50,000 Trees/year
- Last Year!
 - Directly harvest ~50% of fiber
 - Tree Plant 1.3 Million/yr
 - Manual Tending Programs (plus all Roadside Brushing)
 - Road Construction and Maintenance
 - Papasay Value Added Wood Products





Harvest



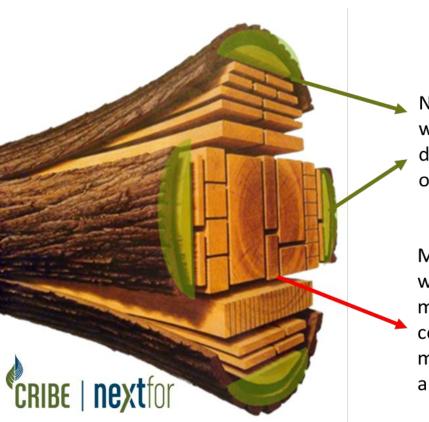




Forest Biomass Opportunities

LNFMI's market for wood is almost exclusively spruce & pine for area sawmills with a limited poplar market





Non-merchantable wood otherwise destined for landfill or burned.

Merchantable wood sold to markets such as construction materials and pulp and paper.

Unutilized Biomass Opportunity

- From Harvest Blocks
 - Roadside slash
 - Diseased or malformed trees
 - Currently unmarketable species
- Additional Biomass Sources
 - Thinned vegetation from plantations
 - Pre-commercial harvest volumes
 - Fiber from roads and utility lines right-of-way clearing, residential sources and industrial sites
 - Forest fire salvage

Quantifying the Opportunity

 Wood supply modelling identifies that over the next 40 years, LNFMI can supply ~700,000m³ of undersized, defective or currently unmarketable wood annually (or 14,000 truck loads/year)

 Ideally interested in options to maintain a local ownership structure

 Feasibility Study indicated multiple medium sized facilities would be the best fit for the area



LNFMI Promotion of It's Resources

Took inspiration in how junior miners promote their resource

Emailed fact sheets to all suitable companies we could

identify

Lake Nipigon Forest Management Inc. **Facility Opportunity**



With the national strategy to reduce the dependency on petroleum-based fuels while increasing local employment opportunities and catalyzing economic development, LNFMI is preparing for the development and construction of a facility that produces biofuel from wood and wood fiber. The company is well positioned to capitalize on this opportunity and is looking for strategic partners to support and invest in the future of clean fuels.

BACKGROUND

LNFMI is a forestry co-operative comprised of four local First Nation Communities; Animbiigoo Zaagi'igan Anishinaabek, Bingwi Neyaashi Anishinaabek, Biinjitiwaabik Zaaqing Anishinaabek and Red Rock Indian Band, who hold the Sustainable Forest License on the Lake Nipigon Forest. The organization is responsible for all forest management activities that occur on the ~1,000,000 ha landbase. In addition to the responsibilities that coincide with tenure of the Sustainable Forest License, LNFMI is a motivated and progressive company that is constantly seeking opportunities for economic development. LNFMI has already extended their business ventures into other sectors including mining and aggregates. The development of a biofuel facility would contribute to the company's strategic growth strategy and has the potential to stimulate the local economy.

WOOD SUPPLY and FIBER AVAILABILITY

LNFMI is responsible for sale of wood and wood fiber made available in the Forest Management Plan for the Lake Nipigon Forest, Currently, the company supplies the majority of its softwood (spruce, pine and fir trees) to large processing facilities in the Region, however, the company retains a percentage of the available softwood volume as open market wood - not committed to any single entity. In addition to the softwood volume directly retained by LNFMI. there is an abundance of hardwood (poplar and birch) and undersize and defect (slash and other woody biomass) wood volume available for progurement

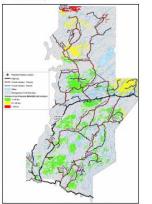
Volume Type	Annual Available Volume (m³)						
	Softwood	Hardwood	Other Softwood				
Merchantable	616,659*	277,030	67,098				
Undersize	95,215	27.682	2,323				
Defect	156,573	110,083	18,403				
Totals	868,447	414,795	87,823				
Grand Total		1,371,065					

LOCATION and WORKFORCE

LNFMI's ability to secure wood supply and harvesting capacity is complimented by the company's ability to access multiple facility location options, each providing unique advantages depending on the biofuel product being produced.

> Three candidate locations have been identified for a biofuel facility, all of which are immediately accessible from Highways 11 and 17. Other key considerations when evaluating the location of the facility was proximity to the Trans Canada Pipeline, deep seaports, and population centers. The locations can attract a local shour force from the surrounding communities:

- Red Rock Indian Band
- Animbiigoo Zaagi'igan Anishinaabek First Nation
- Bingwi Neyaashi Anishinaabek First Nation
- Biinjitiwabik Zaaging Anishnabek First Nation
- Red Rock
- Geraldtor
- Longlac
- Thunder Bay



LOCAL CAPACITY

MILL DEVELOPMENT

LNFMI has experience in mill development and operation Internal knowledge coupled with strategic industry partnerships, has produced a collection of wood-based processing facility expertise and operational execution. The most relevant example of this capacity is showcased by the reopening and expansion of the Papasay Value Added Wood Products facility at Bingwi Neyaashi Anishinaabek First Nation.

LNFMI possesses an internal harvesting capacity of ~400,000 to 450,000m3/year*. This capacity is accommodated by two contractors who are directly employed by LNFMI. Both

contractors have ability to grow their harvest capacity, should the demand for wood fiber increase from the forest. External contractors harvesting on the forest contribute an additional 400,000m3/year* of harvest capacity *Both internal and external contractors currently harvest on multiple forests due to SPF mill demands

LICENSING AND PERMITTING

Given LNFMI's presence in the natural resource management sector complications and time-delays associated with licensing and permitting can be mitigated, LNFMI, in conjunction with industry partners and associates, car secure all permitting, engineering, land clearing, road construction and wood

FACILTY SITE PREPARATION

In combination with LNFMI's shareholders, capacity for overseeing sit preparation and construction of new developments is available. Recent projects have included sawmill, office buildings, new residential sub-divisions water treatment plants, rock quarries and industrial parks

WOOD FIBER PROCURMENT

As the Sustainable Forest License holder on the Lake Nipigon Forest, LNFMI

has the ability to streamline the procurement of wood fiber to support the development of the new biofuel-producing facility. With a thorough understanding of the administrative nuances of licensing and an awareness of the available and projected wood supply, LNFMI can ensure that the new facility maintains a predictable supply of wood fiber in perpetuity.

LAKE NIPIGON FOREST **MANAGEMENT INC**

TRAINING AND WORKFORCE DEVELOPMENT

Since its inception. LNFMI has participated and facilitated a number of training and workforce development programs to promote careers in the forestry and natural resource management sector. Consequently, the team at LNFMI is well versed in the implementation of training programs and workforce development courses that produce qualified candidates and real employment opportunities. This experience gives LNFMI the ability to provide effective training and development options for groups/individuals who express interest in a career with a new biofuel facility in the Northwest.

CONTACT INFORMATION





For more information, please contact LNFMI's General Manager:





Scot Rubin, RPF Phone: (807) 621-7835

Email: scot.rubin@newleafforestry.ca



Proposed Facility Partnerships

- LNFMI aggressively marketed itself for 2 years to identify new facility partners
- Contacted and assessed the following facilities:
 - Orient Strand Board
 - Plywood Plants
 - Pallet Manufactures
 - Fiber Board (Buffalo board)
 - Sawmill
 - Electricity Generation
 - Renewable Natural Gas/ Diesel/ Bunker-C Fuel Refining



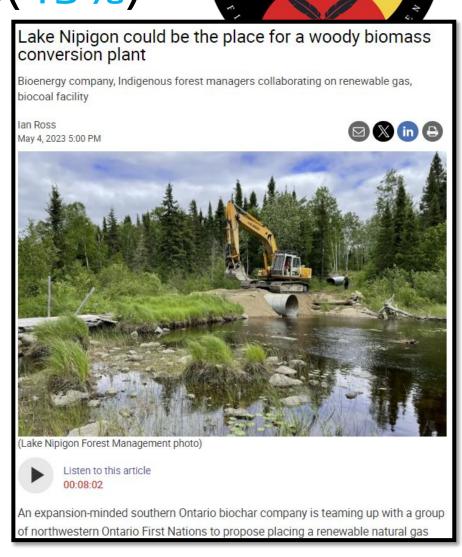


Lake Nipigon Forest Sustainable Energy Solutions – A partnership between LNFMI (51%) and CHAR Technologies (49%)









LNFSES Facility

- CHAR Technologies processing equipment and design
- LNFMI Land, building and fiber supply
- Modular Build

Initially, 3 lines are planned with total consumption of

~76,000 odmt

- ~\$48.5 Million Investment
- Will result in ~12 new full-time positions in the facility along with increased biomass supply employment





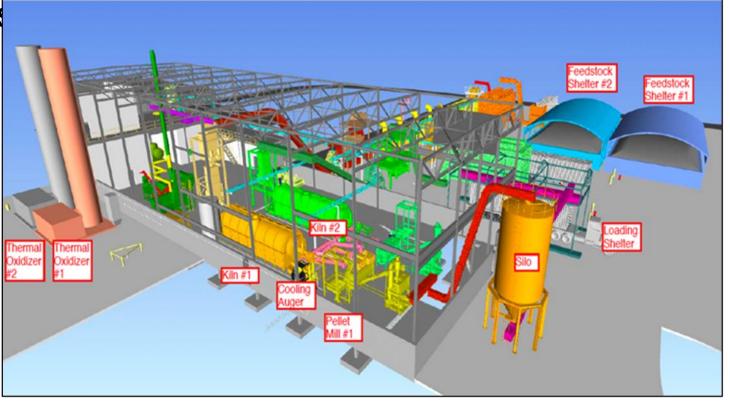


LNFMI/CHAR Facility

- Build to occur in 3 phases
 - 1st to product a Synthetic Coal for Steel manufactures (ArcelorMittal – 2nd largest steel producer in the world is a shareholder of CHAR)
 - 2nd to install RNG upgraders
 - 3rd to double capacity



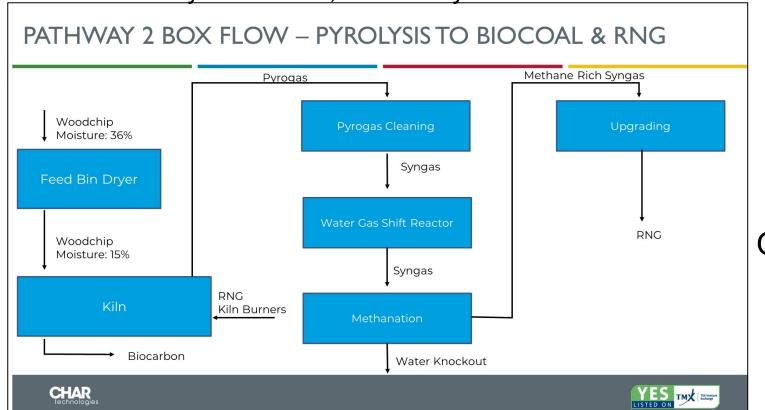




Production Process

Inputs into the system:

- Woody Biomass processed to ~1/4 inch (<1% tramp) and to <20% M.C.
- "Green" Electricity i.e. solar, wind or hydro



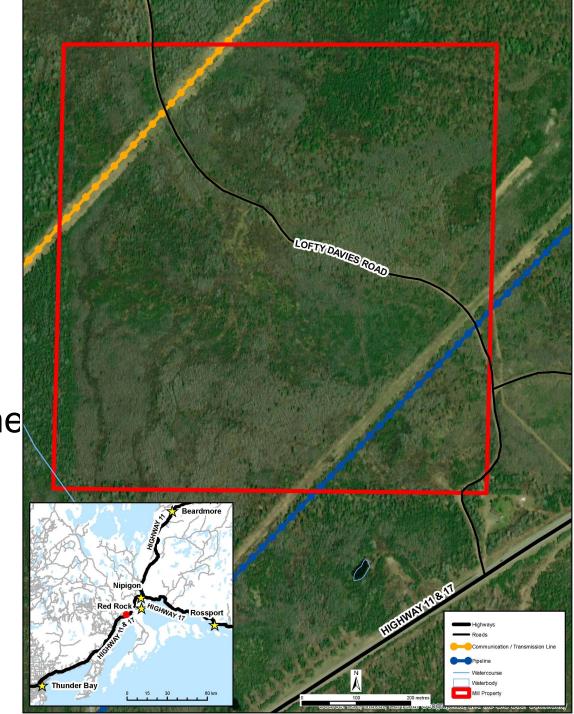


Outputs from the process:

- Renewable Natural Gas Cl
- -6.8gCO₂e/MJ or -87gCO₂e/MJ with CO² capture
- Synthetic Coal
- Pure form Carbon Dioxide
- Water

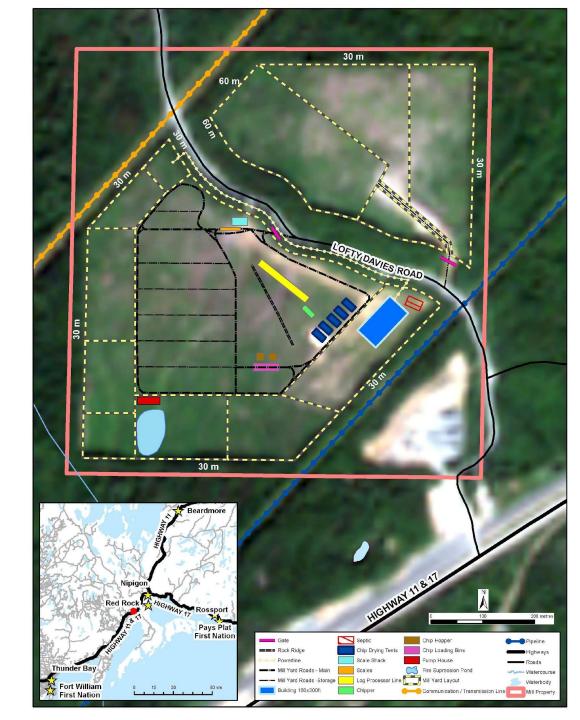
Hurkett Site

- Vacant Land >500m from nearest residential building
- 65ha in size leaving much room for development
- Unorganized Township
- TC Pipelines #1 Mainline transects the property
- High voltage power lines (230kV) transects the property
- 75m to TransCanada 11/17 Highway



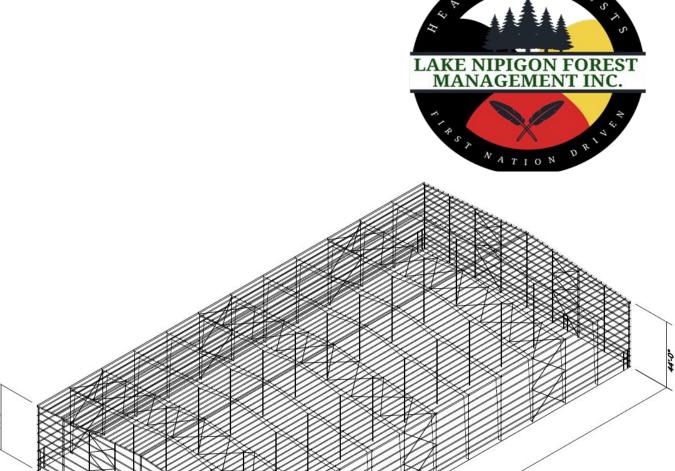
Hurkett Site BioHub

- "Bio Hub" will be the "Mill Facility" on the property – separates higher valued wood from trees brought to the site
- Centralizes regional wood scaling
- The Bio Hub located adjacent to the RNG Facility ensures fiber security for the facility
- Additional sites around the edge of the Hub will be available for rent to small scale value added wood product companies



Hurkett Site BioHub

- Industrial Yard Infrastructure includes:
 - Access roads
 - Weigh Scales
 - 160x300ft building to house LNFSES manufacturing equipment
 - Power infrastructure (Substation and distribution network)
 - Fire Suppression Systems
 - Stormwater management
 - Fiber Storage Tents with heated ventilation for chip drying
 - Log storage areas
 - Wood slashing, sorting, chipping and grinding equipment

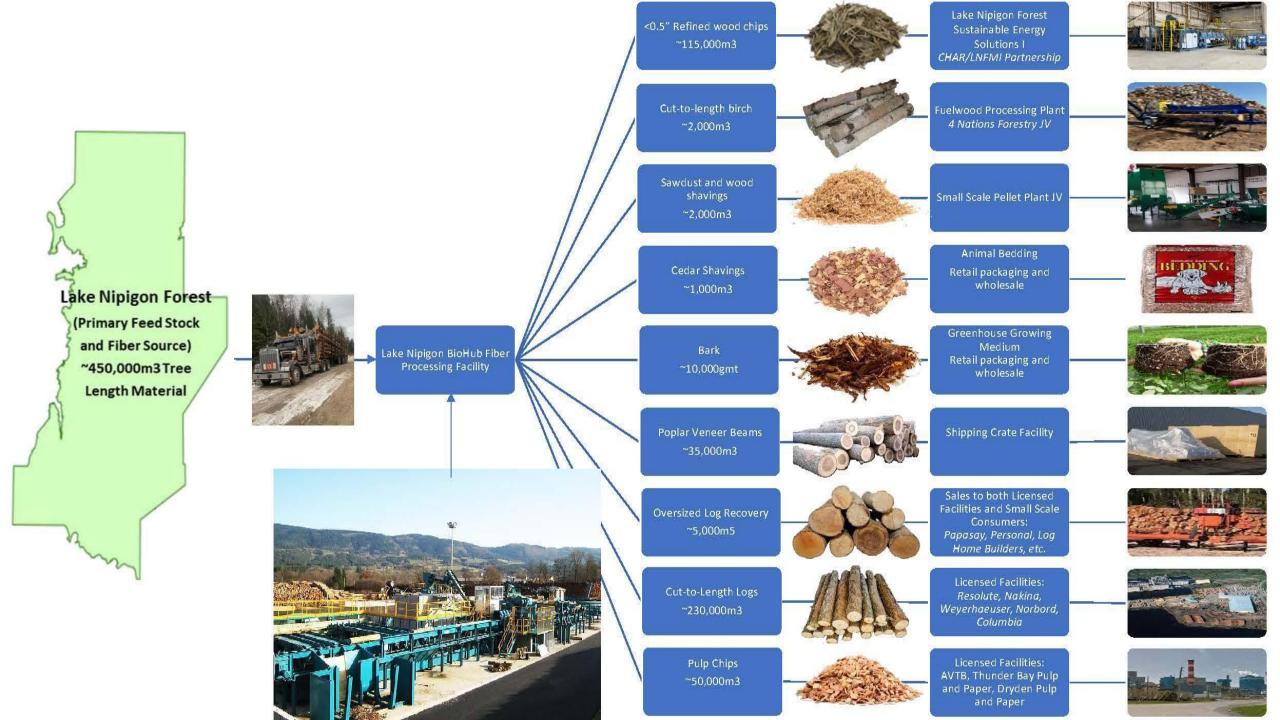




Market Development

- Main revenue of biohub is through the lease of land/building to LNFSES
- Other source is through the sale of processed wood to area mills
- Future development and support to small volume value added wood processing





Biohub and LNFSES Timelines

Only minimal slippage on timelines has occurred during the last 2 years:

- Feasibility Assessments Summer 2022-Spring 2024
- Partnership signing Spring 2024
- Land purchase Spring 2024
- Wood begins flowing through the site Spring 2024
- Engineering Summer/Fall 2024
- Site development Fall 2024/Spring 2025
- Biocarbon line equipment received March 2025
- Building construction May 2025
- Biocarbon equipment installed June July 2025
- Biocarbon equipment commissioned August 2025
- Biocarbon line commercial operation September 2025
- Renewable gas line commercial operation March 2026

