



USES

SOIL AMENDMENT

Improves soil health and according to studies, can lead to increased crop yields

Reduces the need for fertilizer

Retains water which decreases water consumption

Sequesters carbon

Potential to sequester PFAs

FEEDSTOCK AMENDMENT

Improves feed absorption which results in less feed required and better nutrition intake

MUNICIPAL

Removes contaminants from the groundwater and treated municipal water

ENVIRONMENTAL

Can be used to control algae blooms

Additive for concrete and asphalt to sequester carbon



BIOCHAR

Biochar is a high carbon, granular material made from biomass through a thermochemical conversion in the absence of oxygen



THE FACILITY

In 2017, Clean Maine Carbon purchased the Greenville Steam Biomass facility, located in Greenville, Maine. The facility was once a vital part of the town, providing energy and employment for residents of Greenville and in the surrounding area. It has remained idle for much of the last decade. We intend to restore operations and employment opportunities to the area and develop several revenue streams over time to support its long-term sustainability.



This outlet for low-grade wood products is important to preserving the long-term sustainability of Maine's forests and avoid the decomposition of biomass in the forest which releases greenhouse gases.

Maine's biomass is an abundant but relatively low-value resource, representing almost 25% of the state's timber harvest and only approximately 5% of the value derived from those harvests. We will use biomass to create biochar, a high-value product with applications in agriculture, construction, and water and air remediation.



Our facility will transform low-value discarded local woody biomass to high-value biochar. The first unit was installed in June 2023.

In addition to producing wholesale biochar for the market, we will offer renewable power to local first responders and commercial users, including Northern Light Hospital and Moosehead Sanitary District.

Our goal is to sequester over 33 million pounds of carbon per year starting in 2025.



By providing an outlet for low-grade wood, sawmill residuals, and other wood waste products, our facility will **provide significant support to Maine's forestry industry.**

