

Description

American BioCarbon (ABC) is a leading manufacturer of the next great advancement in carbon technologies: biochar. ABC uses an agricultural waste product in a unique way to eliminate legacy environmental impacts while helping customers meet environmental, social, and governance goals.

American BioCarbon uses patented biomass separation technology along with other specialized equipment to make premium biochar from sugar cane bagasse. By harnessing the unique properties of bagasse, an agricultural waste product that would otherwise be burned or left to decay and create greenhouse gases (GHG), ABC produces a valuable product and helps sugar mills and local sugar growers. It's a prime demonstration of value creation in a circular economy, a system where materials never become waste and nature is regenerated.

The unique honeycomb carbon structure of bagasse makes it more effective than other wood-based products on the market. The porous elements within bagasse make it superior for use as a soil amendment. A highly advantageous attribute of bagasse is carbon sequestration. American BioCarbon's bagasse biochar permanently captures carbon in the soil, presenting a tremendous opportunity to advance multiple Sustainable Development Goals. Our current production volume will grow from 2,000 CORCs/year to 175,000 CORCs/year with the addition of our new facility.



Co-benefits

Climate Action

ABC's source material, bagasse, is a waste product that is normally burned or left to decompose. ABC removes this source of GHG from the atmosphere and reduces particulate pollution in largely low-income areas. Emissions from the transportation of raw materials are eradicated by our sugar cane plant co-location strategy. ABC operates a net-negative process resulting in high-integrity C02 Removal Certificates (CORCs).

Zero Hunger

Used as a soil amendment, ABC biochar reduces water used for irrigation by improving water retention, helps retain nutrients and