



AYMIUM

Products

Aymium produces high-value biocarbon and biohydrogen products that can be used to immediately replace fossil fuels in the production of metals, energy and crops and in the purification of water and air with no modifications to equipment or processes.

Metallurgical Carbon

Aymium's Metallurgical Carbon products are engineered to precise chemistry and sizing to immediately replace coal and coke in steel and other metals production without any capital modifications. Made using sustainably sourced, PEFC-certified biomass, our products are carbon-negative, and their use results in higher-quality steel and metallics with reduced impurities.

Bioenergy Carbon

Aymium's renewable and carbon-negative Bioenergy Carbon products have equivalent energy values and combustion profiles to coal and may be used with existing handling and pulverization systems without modification for up to 100% replacement of coal. Their use significantly reduces carbon dioxide, sulfur dioxide, nitrogen oxide and mercury emissions.

Agricultural Carbon

Aymium's Agricultural Carbon products are engineered to have a highly developed pore structure, high surface area and high cation exchange capacity that holds nutrients and retains moisture. Their use in crop production results in increased yields, decreased input costs, reduced water use and minimized runoff.

Activated Carbon

Aymium's Activated Carbon products are organic, renewable and have greater purity and superior performance compared to coal-based activated carbons for water and air purification. Production of our products results in less than 10% of the air emissions of coal-based activated carbon and creates no wastewater.

Biohydrogen

Aymium's Biohydrogen is renewable, carbon-negative and less expensive to produce than commercially available hydrogen production technologies.

About Aymium – Aymium provides environmentally beneficial products and solutions that reduce the environmental footprint of metals, energy and crop production and purify the air and water for millions of people. More at aymium.com.