

Aymium: At A Glance

Who We Are

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.

Mission

To create high-performance renewable products that immediately replace fossil fuels and eliminate their negative impact on the environment.

What We Do

Aymium produces biocarbon and biohydrogen products that can 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. Aymium's innovations are backed by more than 250 issued and pending patents. Produced using PEFC-certified, sustainably sourced biomass, Aymium's biocarbon products are renewable and carbon-negative. We are advancing our growth pursuant to our [Sustainable Development Policy](#), which actively promotes environmental and social improvement.

How We Do It

Aymium uses a combustion-free thermochemical process that separates biomass into biocarbon, biohydrogen and water. The process creates excess energy and water that is recycled back into the system.

Where We Do It

Headquartered in Minnesota, Aymium currently operates the largest advanced biocarbon facility in the world, located in Michigan. Aymium has been supplying customers globally from this plant since 2012. To meet growing demand,

Aymium is building two plants on the West Coast that will employ more than 120 people and be operational in 2023. The projected CO₂ reduction from these two plants is the equivalent of removing 312,000 cars from the road each year.

Our Products

METALLURGICAL CARBON products can immediately replace coal and coke in metals production without any capital modifications.

BIOENERGY CARBON products are renewable, carbon-negative and may be used in existing plants without modification to replace coal and reduce harmful emissions.

AGRICULTURAL CARBON products increase yields, decrease input costs, reduce water use and minimize runoff.

ACTIVATED CARBON products are organic, renewable and have greater purity and superior performance than coal-based activated carbons for water and air purification.

BIOHYDROGEN that is renewable, carbon-negative and less expensive to produce than commercially available technologies.

Our Founder

James A. Mennell has more than 30 years of experience in the energy, bioproducts and environmental product sectors with global companies, including Cargill, Koch Industries, POET, 3M, Cleveland-Cliffs and GE. The holder of more than 80 issued patents regarding bioproduct and process technologies, Mennell has worked with scientists, engineers and business leaders to grow Aymium into a leading global environmental technology company.

More Information: aymium.com

