



*Engineering the transition beyond fossil fuels*

The global energy transition is entering a new phase. While renewable electricity has scaled rapidly, much of the world still relies on molecules for heat, industry, transport and fuel. Decarbonising these systems requires more than a single technology or fuel. It requires flexible, integrated energy systems that can deliver impact today while remaining relevant tomorrow.

Equisera is building exactly that.

Founded in 2022 as Wild Hydrogen, Equisera develops systems-led solutions that convert biogenic materials and waste into clean, usable energy. At the core of the company's approach is its patented Rising Pressure Reformer (RiPR) technology, which transforms wet biogenic feedstocks into multiple valuable outputs, including biomethane, hydrogen, captured carbon dioxide and biochar.

This multi-output platform enables low-cost, low-carbon energy across a range of applications. Biomethane can be used as a drop-in replacement for natural gas, supporting immediate decarbonisation of heat, power and gas networks, while hydrogen production can scale as infrastructure and markets mature. Captured carbon dioxide and biochar provide routes to permanent carbon removal, helping move beyond carbon neutrality towards carbon-negative energy systems.

RiPR is designed for real-world deployment. It works with existing infrastructure, supports decentralised energy production, and enables circular use of resources by turning waste into value. The platform also creates optionality for future fuel pathways, including feedstocks for e-fuels and synthetic fuels, ensuring long-term relevance as the energy system evolves.

Today, Equisera is advancing its pilot plant and preparing for commercial deployment of modular RiPR units, demonstrating that scalable, fossil-competitive and carbon-negative energy systems are not theoretical, but already being built.

## **Equisera**

Engineering energy systems for a world beyond fossil fuels.

Equisera, formerly Wild Hydrogen, is an energy systems company converting biogenic materials and waste into biomethane, hydrogen, captured carbon dioxide and biochar. Enabled by its patented Rising Pressure Reformer (RiPR) technology, Equisera delivers scalable, carbon-negative energy solutions designed for real-world deployment.

