



CETOGENIX

Building Renewable Futures

Cetogenix Overall Goal

Cetogenix is a New Zealand-based clean technology company developing sustainable solutions to tackle climate change at a global scale. **Cetogenix** technologies improve the economic effectiveness and environmental performance of low carbon, clean technology platforms that target **defossilisation** and **decarbonisation** of fossil-based energy and materials value chains to remove barriers for their adoption.

Our technologies **address the most significant challenges** presented by disposal of the world's 1.5B tonne per year organic waste streams - value recovery, environmental impacts, and processing cost - by focusing on modular, retrofittable systems for conversion of organic biomass feedstocks to energy, nutrients, and bio-based products, using a unique combination of hydrothermal oxidation (HTO) and novel mixed microbial biotechnology.

Cetogenix's overall aim is to positively disrupt the economic and environmental barriers currently repressing growth in the renewable natural gas market – which would target the 3,700 km³/yr natural gas usage - organic and waste-to-value markets by providing scalable technology solutions to ensure **“no waste is left behind”**.

Targeting an anaerobic digestion (AD)/renewable gas market

- 15,000 existing AD plants in Europe and North America
- New-build AD market predicted to reach \$24B/year by 2025

Our four-year go-to-market strategy aims to put in place at least one demonstration-scale plant at an alpha-adopter site in one of these target markets. Including a successful Series A raise to support construction and installation of this plant (or multiple plants) to reinforce investor/market confidence in Cetogenix's value proposition.

Cetogenix expects to build a substantive retrofit opportunity that should generate \$120M/year in revenues by Year 10

Given the critical improvements to AD performance, Cetogenix would expect to see its technology integrated into a range of upgraded or new build AD projects via AD system providers using our technology to have an improved success rate in winning project tenders in the market.

A critical mass of modular system sales is expected to attract the interest of large-scale waste management companies, waste treatment providers, or energy companies undergoing a de-fossilisation transition – and offer an appropriate trade sale exit strategy.

Here in New Zealand, the AD/RNG sector is embryonic, we believe its platforms may offer the opportunity for New Zealand to accelerate adoption of advanced organic waste-to-energy systems and start to align with the zero-carbon strategies already firmly adopted in the European and North American markets.