Greener Fuel Costa Rica · Clean Industry

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Country: Costa Rica · Guadalupe, Cartago **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Private Beta **Team Size:** 25 **Website:** https://crsostenible.com/

Elevator Pitch

We offer a circular economy solution integrating pyrolysis, vacuum evaporation, and chemical neutralization to treat hazardous waste. Our startup provides sustainable, high-tech management for solid and liquid industrial waste in Costa Rica.

Climate Problem

We tackle Costa Rica's waste crisis. With landfills at capacity, we decentralize treatment beyond co-processing to prevent CH? and pollution, transforming hazardous effluents into resources via a superior circular model for a low-carbon, resilient economy

Solution

We offer a decentralized system integrating pyrolysis, vacuum evaporation, and neutralization. Our circular model uses recovered water for cooling and pyrolysis fuel for evaporation, aligning industrial waste with Net-Zero and Circular Economy standards.

Revenue Model

Revenue is driven by a dual stream: service fees for our integrated 3-tech waste treatment and the sale of high-value subproducts like pyrolysis fuel. This model offers industries a cost-competitive, circular alternative to meet Net-Zero and ESG goals.

Target Market

We target high-impact sectors: medical devices, textiles, automotive, and agribusiness. We also serve the food, agrochemical, and fuel distribution industries, providing a circular solution for firms with high waste volumes and strict ESG goals.

Social Impact

Women

Demand Evidence

We already process waste for current clients, proving demand. The medical device industry shows high interest due to rising disposal costs and ESG goals. Our model slashes logistics and waste volumes by recovering fuel and water on-site.

Competitors

There are currently no competitors in Costa Rica offering this type of technology.

Founder Expertise

I am a Chemical Engineer, MBA, and CEO of Greener Group with 15+ years in waste-to-energy. I've advised 400+ firms globally on ESG and hazardous waste. My LEED expertise and international consulting ensure this project is technical and business viable.

External Support

We leverage technical support from Brazilian and Colombian experts, combining imported equipment with local engineering. The system is being assembled at our plant by Costa Rican staff, as we work on validating our 3-tech hazardous waste solutions.

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