

auto-sustainable farming school

· Clean Energy

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Country: Costa Rica · Perez Zeledón **Category:** Clean Energy **Impact Areas:** Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 1 **Website:** —

Elevator Pitch

This project establishes a specialized educational center dedicated to teaching circular agricultural systems and a local recreational business

Climate Problem

Industrial farming depletes soil and wastes 70% of freshwater. We teach closed-loop systems to restore land fertility and secure food water-efficiently, ensuring communities thrive despite climate volatility and resource scarcity

Solution

We provide a hands-on training model focused on closed-loop agroecology. Students implement resource-recovery systems, renewable energy, and water recycling to transform depleted land into high-yield, self-sufficient food ecosystems

Revenue Model

Revenue flows through tuition for hands on certification programs, the sale of high-yield organic produce, and professional consulting services for landowners seeking to implement self-sufficient, closed-loop infrastructure.

Target Market

Families, farmers and students.

Social Impact

Indigenous Peoples, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women

Demand Evidence

Rising global food costs and climate instability have spiked interest in self-sufficiency. We see this through growing waitlists for regenerative workshops, increasing demand for eco-tourism, and local markets seeking reliable, organic food sources.

Competitors

Primary competitors include EARTH University, which offers formal degrees in sustainable agriculture, and Rancho Mastatal, known for intensive permaculture workshops. Locally, eco-communities like RISE Costa Rica also integrate organic farming

Founder Expertise

Economist developer

External Support

None

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