Regenerative livestock farming · Food & Agriculture

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Country: Guatemala · Guatemala **Category:** Food & Agriculture **Impact Areas:** Mitigation, Adaptation, Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 5 **Website:** — **Founder:** Luis Fernando Porres

Elevator Pitch

A sustainable agri-tech startup developing silvopastoral systems that integrate beef cattle with forest trees to restore soils, boost biodiversity, and capture carbon, while generating profitable and climate-resilient livestock production.

Climate Problem

Our startup addresses climate variability in Génova, Guatemala, where intense rainy seasons and prolonged dry periods degrade soils, reduce pasture productivity, and increase vulnerability to floods and droughts.This matters because threatens foodsecurity

Solution

We implement silvopastoral systems that integrate trees with grazing to restore soils, improve water retention, and reduce heat stress. This stabilizes pasture productivity, enhances resilience to droughts and floods, and supports sustainable beef product

Revenue Model

Through sustainable beef production, improved pasture yields and premium markets for eco-friendly products. Additional income comes from timber, carbon credits, and potential agroforestry byproducts, diversifying and strengthening long-term profitability.

Target Market

Our target market includes environmentally conscious consumers and premium buyers seeking sustainable beef, as well as timber and carbon credit markets. We also target partners and institutions interested in scalable, climate-smart livestock systems.

Social Impact

Indigenous Peoples

Demand Evidence

Demand is evidenced by rising consumer preference for sustainable beef, growing corporate and institutional commitments to low-carbon supply chains, and increasing demand for carbon credits and regenerative agriculture models globally.

Competitors

Competitors include conventional cattle ranchers and emerging regenerative livestock projects. In my region, most producers use traditional systems, with few adopting silvopastoral practices, making competition limited but highlighting strong opportunity.

Founder Expertise

I have 15 years of experience in cattle ranching on my family farm, where I have led reforestation efforts integrated with livestock. I apply sustainable practices that respect nature, restore soils, and improve long-term farm productivity.

External Support

We are currently applying to register our plantation with Guatemala’s National Forest Institute (INAB) under the PROBOSQUE program to access incentives that support and scale our silvopastoral project.

Source: ClimateLaunchpad 2026 Application · App ID: 8986 Ingested: 2026-05-25

Founder

Luis Fernando Porres

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