

Biochar-backed Collateral for Smallholder Finance

Project Lead & Research



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Challenge



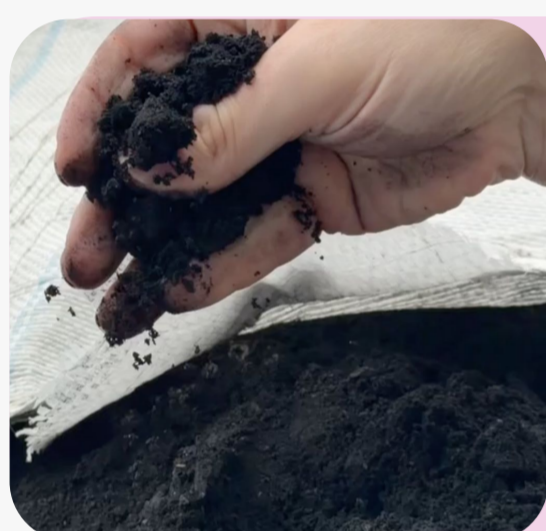
Structural Financial Exclusion

90% of family farms lack access to finance - loss in productivity & increased vulnerability.



Unsustainable Biomass Management

Every year, Pará generates ~6.4m tons of açai biowaste - left to rot or burned.



Unrealised Biomass Potential

High potential of açai seed biowaste as feedstock for biochar production and for soil enhancement in Amazon.

Project Description

Pilot validating Nature as Collateral: Nature-based assets as guarantee for family-farms - linking climate action and financial inclusion.

Pará produces 95% of Brazil's açai, generating 6.4M tons of biowaste annually - an environmental burden and an economic opportunity. With local NGOs, research institutions, and industry partners, reilo is building a replicable model: family farms produce industrial biochar, generate carbon credits, and leverage that revenue as loan collateral.

Validated via the CDR Booster:

- Workshops with 8 farmer cooperatives (900+ members), 5 financial institutions, and 4 biochar market players
- Setup collaboration with pilot cooperative (140 farms), NGO, research institutions and industry partner for roll-out

Project Timeline



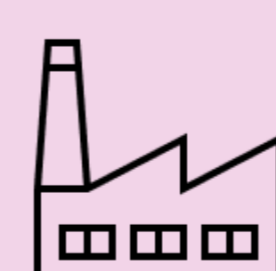
Next Steps

- 1 Feasibility Assessments & Project Design Document
- 2 Setup field tests with showroom machine
- 3 Setup contracts, infrastructure & training
- 4 Fundraising for CAPEX

We are looking for...



CHF 700k pre-finance to deploy pilot CAPEX & deliver replicable model - first revenue & carbon credits in Q1 2027.



Strategic Partner for **Offtake Agreement** (4200tCO2e)