

RAIRANFÓ · Air & Environment

RAIRANFÓ

Country: ?? Colombia · BOGOTA, DISTRITO CAPITAL **Category:** Air & Environment **CT Taxonomy:** CT-AF-005 — Community Reforestation / REDD+ **Impact Areas:** Adaptation, Nature-Based **Stage:** Ideation **Team Size:** 1.0 **Funded:** False

Elevator Pitch

RairanFó is the leading solution in the Ubaté Valley that combines tracking technology with local expertise to carry out highly precise ecological restoration projects. We turn companies' regulatory compliance into a driver of development.

Climate Problem

It is vital because it ensures real carbon sinks and biodiversity through Industry 4.0 technology, transforming environmental liabilities into verifiable climate assets. Precision restoration!

Solution

RAIRANFÓ offers a comprehensive service for land restoration and rehabilitation. We combine native species, local knowledge, and digital traceability tools to generate verifiable environmental value and climate resilience in mining areas

Revenue Model

We generate revenue through the sale of native plants, project implementation, and subscriptions to Monitoring 4.0. We enhance profitability through CO2 capture certification for carbon credits, backed by our verifiable digital traceability.

Target Market

Mining and energy companies with compensation obligations to the ANLA/CAR in the Ubaté Valley. We also include the public sector (municipalities) for restoration and the real estate sector for maintenance landscaping

Social Impact

People Living in Extreme Poverty

Demand Evidence

We have identified 12,000 hectares of potential demand and 6,000 hectares subject to legal obligations in Guachetá. There is a 6% cost overrun due to a lack of local supply and unsuccessful bids.

Competitors

Commercial nurseries and consulting firms operating nationwide

Founder Expertise

Environmental engineer and master's student in eco-innovation with experience in the design and implementation of PMRRA. I bring technical expertise in native species and land management to help transform legal obligations into climate assets.

External Support

Knowledge

Team

As the founder, I lead the strategic vision and development of the RairanFó model. I coordinate the integration of Industry 4.0 technology with local knowledge to ensure successful restoration projects and transform legal obligations into verifiable climate assets.

Founder

GYSELL CASTILLO

Revisión #2

Creado 2026-05-29 03:20:18 UTC por Angelica Diaz

Actualizado 2026-06-11 02:29:25 UTC por Gideon Blaauw