Bioterra soluções agrosustentáveis · Food & Agriculture

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Country: ?? Colombia · Gurupi **Category:** Food & Agriculture **CT Taxonomy:** CT-AF-010 — Organic / Regenerative Agriculture **Impact Areas:** Circular Economy, Nature-Based **Stage:** Prototype **Team Size:** 5.0 **Funded:** True (28.0) **Founder:** Miréia Bezerra Pereira de Freitas

Elevator Pitch

Bioterra was founded with the goal of finding sustainable solutions to restore degraded soils in the Cerrado and boost food production in both rural and urban areas, by developing technologies for regenerative and urban agriculture.

Climate Problem

Bioterra combats the impacts of climate change on food production by working to regenerate soil, mitigate the effects of drought, and strengthen sustainable urban agriculture to increase food resilience in rural areas and cities.

Solution

Bioterra develops solutions for soil regeneration and urban agriculture. We created the HORTCITY platform and launched a vertical farming prototype for more efficient, sustainable food production in urban environments.

Revenue Model

Bioterra generates revenue through consulting services in sustainable soil management, technical subscriptions, and future services related to the HORTCITY platform and urban agriculture systems.

Target Market

Bioterra's target market includes farmers, urban agriculture projects, schools, residential communities, businesses, and smart cities seeking sustainable solutions for food production and environmental restoration.

Social Impact

Women

Demand Evidence

We validate demand through field sales, strategic partnerships, the expansion of customer contracts, and interest in urban agriculture, sustainability, and local food production projects.

Competitors

Our competitors include agricultural consulting firms and startups specializing in urban agriculture and vertical farming. We set ourselves apart by integrating soil regeneration, sustainable agriculture, and urban solutions into a single innovation model

Founder Expertise

I bring experience in sustainable soil management, regenerative agriculture, and the development of urban agriculture projects, as well as experience with acceleration programs, institutional partnerships, and the development of sustainability-focused solutions.

External Support

Bioterra received support from the Inova Cerrado, Inova Amazônia, Centelha, and Empreendedoras Tech programs, as well as through partnerships with an ICT in Tocantins and international cooperation with initiatives

in the United Kingdom and Bogotá.

Team

Strategic leadership, development of innovation projects, technical coordination in sustainable soil management, urban agriculture, institutional partnerships, and the development of new businesses and sustainable technologies.

Founder

Miréia Bezerra Pereira de Freitas

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