

# Abrobots · Food & Agriculture

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## Abrobots

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**Country:** Guatemala · Antigua **Category:** Food & Agriculture **Impact Areas:** Mitigation, Nature-Based **Stage:** Private Beta **Team Size:** 4 **Website:** <https://agrobots.ai/>

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## Elevator Pitch

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Agrobots transforms degraded land into productive, climate-positive ecosystems through AI and robotics. We deliver Terrain Management as a Service, enabling scalable, sustainable agriculture worldwide.

## Climate Problem

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We address soil degradation and inefficient agriculture, major drivers of emissions and biodiversity loss. It matters because restoring soil health is critical to climate mitigation, food security, and resilient ecosystems.

## Solution

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Agrobots deploys AI, robotics, and ecological design to restore degraded land. Through our platform, we optimize soil health, reduce resource use, and deliver scalable terrain management in real-world agricultural settings.

## Revenue Model

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We generate revenue through Terrain Management as a Service, charging per hectare managed, plus subscriptions to our AI platform (LandOS). Additional income comes from implementation, data services, and future carbon credits.

## Target Market

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Our target market includes agricultural producers, landowners, and organizations managing degraded land. We also target governments, climate projects, and agribusinesses seeking scalable, regenerative and climate-positive solutions.

## Social Impact

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Indigenous Peoples, Migrants, Women

## Demand Evidence

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Growing demand for regenerative agriculture and climate solutions validates our approach. Our pilot in Guatemala and engagement with stakeholders confirm the need for scalable, data-driven land management solutions.

## Competitors

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We compete with precision agriculture tools and restoration projects. Unlike them, we combine AI, robotics, and ecological design into one scalable system for regenerative, climate-positive land management.

## Founder Expertise

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Our team combines expertise in AI, robotics, sustainability, and land management. We have experience in international tech projects, climate innovation, and real-world pilots, enabling us to design and scale regenerative solutions.

## External Support

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We have received recognition through the European AI Awards and were selected for Prototypes for Humanity 2025. We've also developed pilots, including 163 hectares in Guatemala, validating our technology in real-world conditions.

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*Source: ClimateLaunchpad 2026 Application · App ID: 8724 Ingested: 2026-05-25*

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