AGROLIDER · Food & Agriculture

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Country: ?? Colombia · Bogotá **Category:** Food & Agriculture **CT Taxonomy:** CT-IC-005 — Precision Agriculture Data & IoT **Impact Areas:** Circular Economy **Stage:** Prototype **Team Size:** 2.0 **Funded:** False **Founder:** Derly Camargo Guerrero

Elevator Pitch

Agrolider is an efficiency ecosystem where users can monitor their crops in real time and remotely through drones that receive bioclimatic information to use prediction algorithms.

Climate Problem

Today, agriculture faces a critical challenge: low productivity and constant crop losses. It suffers from shortages of inputs, high purchase costs, logistical problems, and limited access to technology.

Solution

The ecosystem have agricultural drones that collect information in real time. Artificial intelligence is trained and analyzes data with neural networks and issues reports periodically to give instructions to the farmer.

Revenue Model

We manufacture and rent agricultural drones, offering farmers both the equipment. We collect, manage, and analyze data, transforming it into valuable information. Users pay for an annual license.

Target Market

Potato producers located in Boyacá Colombia

Social Impact

People Living in Extreme Poverty

Demand Evidence

More than 100,000 potato producers, 30,000 are affiliated with FEDEPAPA, the main association of potato producers in Colombia, and about 8,100 producers are located in Boyacá.

Competitors

There are companies that specialize in digital agriculture, such as Bayer with FieldView® brand. They integrate data on planting, spraying, harvesting, monitoring, satellite imagery, and soil into a simple and user-friendly visual experience.

Founder Expertise

We have a record in developing prototypes of agricultural robots.

External Support

Externado University of Colombia support us with networks of contacts and funding at the academic level.

Team

CTO Juan Pablo Hernandez is 13 years old. He developed the dron prototype. CEO Derly Camargo is 37 years old. She developed the bussiness model and the innovation concept.

Founder

Derly Camargo Guerrero

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