Agrismart · Food & Agriculture

Agrismart

Country: El Salvador · San Salvador **Category:** Food & Agriculture **Impact Areas:** Adaptation, Circular Economy **Stage:** Prototype **Team Size:** 4 **Website:** https://agrismartsv.com/ **Founder:** Patricia Alejandra Rubio Barahona

Elevator Pitch

Agrismart develops technological solutions to optimize agriculture through automation, sensors, and data analytics. We help farmers improve resource use, reduce losses, and increase productivity in a sustainable way.

Climate Problem

Agriculture faces losses due to the inefficient use of water, energy, and inputs. This drives up costs and emissions, particularly affecting small-scale farmers and food security.

Solution

Agrismart integrates sensors, automation, and data analysis to monitor crops and optimize irrigation, energy use, and inputs. In practice, it helps make accurate decisions and reduce waste.

Revenue Model

We will generate revenue through the sale and installation of Agrismart kits, technical maintenance, training, and subscription plans for monitoring, data analysis, and support for farmers.

Target Market

Small and medium-sized agricultural producers, cooperatives, nurseries, and institutions seeking to optimize irrigation, environmental monitoring, and productivity through affordable technological solutions.

Social Impact

Indigenous Peoples, Persons Belonging to National or Ethnic - Religious and Linguistic Minorities, People Living in Extreme Poverty, Women

Demand Evidence

This demand is evident among producers who face high costs for water, energy, and supplies, as well as in the interest shown at trade shows, through mentoring programs, initial validations, and conversations with potential users.

Competitors

Smart farming solutions and automated irrigation systems do exist, but they are often expensive or ill-suited to the local context. Agrismart offers an affordable, modular, and educational alternative.

Founder Expertise

I bring expertise in mechatronics engineering, automation, electronics, programming, and technology project management. I also have extensive experience in the international sector, as well as in prototyping, communication, partnership management, and pitching.

External Support

We have received technical and academic support from mentors, teachers, and partners such as GirlUp Latam through a grant to develop the prototype, conduct initial validation, promote the project, and prepare for competitions.

Source: ClimateLaunchpad 2026 Application · App ID: 9604 Ingested: 2026-05-25

Revisión #5
Creado 2026-05-25 17:45:13 UTC por Angelica Diaz
Actualizado 2026-09-18 19:18:24 UTC por Angelica Diaz