CLP26 — Guatemala (32 ideas)

ClimateLaunchpad 2026 — Guatemala ??

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Abrobots · Food & Agriculture

Abrobots

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

Elevator Pitch

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

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

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

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

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

Indigenous Peoples, Migrants, Women

Demand Evidence

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

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

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

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.

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

Founder

Reuven Farchi

Aura cell · Air & Environment

Aura cell

Country: Guatemala · Santa Rosa,Barberena **Category:** Air & Environment **Impact Areas:** Mitigation, Nature-Based **Stage:** Ideation **Team Size:** 1 **Website:** — **Founder:** Gerardy Roman

Elevator Pitch

Aura-Cell combina biorreactores de microalgas, micelio y nanofibras para capturar el 90% de CO2 y PM2.5. Integrando sensores NDIR y una App con IA para monitorear la calidad del aire en tiempo real, certificando el impacto y ahorro de carbono.

Climate Problem

El calentamiento avanza y cada cierto tiempo las ciudades sufren olas de calor y picos de CO2 insoportables en interiores. Aura-Cell nace para frenar este ciclo, atrapando el exceso de CO2 donde vivimos para ayudar a reducir este contaminante clave.

Solution

Ofrecemos tecnología inspirada en la naturaleza que absorbe el CO2 y refresca espacios de forma limpia. En la práctica, Aura-Cell purifica el ambiente y te permite ver desde una App cómo tu hogar contribuye a bajar los niveles de este gas.

Revenue Model

Generaremos ingresos mediante la venta directa de dispositivos Aura-Cell y un modelo de suscripción para el reemplazo de cartuchos de microalgas y micelio. También ofreceremos una versión Premium de la App para reportes de ahorro de carbono a empresas.

Target Market

Nuestro mercado son instituciones de gobierno, oficinas corporativas, espacios de coworking y hogares urbanos.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty

Demand Evidence

El Estado de Guatemala invierte en capturar carbono con bambú. Aura-Cell complementa esto en interiores como una opción más práctica, fácil y de mayor desempeño para que edificios públicos, oficinas y hogares logren reducir su huella de CO2.

Competitors

En mi zona no hay competidores. A nivel global, existen proyectos con algas en países desarrollados, pero ninguno integra los 3 indicadores de captura que usa Aura-Cell. Esto nos da un mayor desempeño y una ventaja tecnológica única en el mercado.

Founder Expertise

Aporto la dirección estratégica y la visión del negocio. Utilizo mis conocimientos del cierre de Ingeniería Agronómica para liderar el concepto del proyecto, enfocado en coordinar el camino comercial y formar el equipo técnico experto

External Support

Aura-Cell está en etapa de idea y desarrollo propio, por lo que no he recibido ningún apoyo externo aún.

Source: ClimateLaunchpad 2026 Application · App ID: 10077 Ingested: 2026-05-25

Founder

Gerardy Roman

Autogenerado · Clean Industry

Autogenerado

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Private Beta **Team Size:** 1 **Website:** — **Founder:** Juan Ruano

Elevator Pitch

Development of flexible and rigid material from cells of corn husk and cob, using a byproduct as a base material for industry, with primary applications in furniture.

Climate Problem

This idea tackles climate change by using agricultural byproducts as raw materials instead of letting them go to waste. Reduces the use of wood, plastics by introducing new opoortunities with local materials.

Solution

Debeloping a cellulose-based material derived from corn cobs and husks, transforming agricultural byproducts into both rigid and flexible components. This is done by extracting and processing cellulose fibers from these resources.

Revenue Model

selling high-quality furniture made from its cellulose-based material, and supplying the material itself as a sustainable raw input for other industrial applications.

Target Market

High-end enviromental conscious costumers. It also targets manufacturers and companies looking for eco-friendly raw materials to replace plastics or wood.

Social Impact

Indigenous Peoples, LGBTQI+ People

Demand Evidence

There is clear demand in Guatemala. Agriculture accounts for about 24% of GDP, generating large amounts of corn residues that are currently underutilized. At the same time, national policies are promoting a circular economy and waste valorization.

Competitors

Wood based furniture stores such as Piegatto.

Wood industry supply such as Lignum

High end furniture stores such as Kare

Plastic material suppliers such as Novocolor

Founder Expertise

Experience in innovation and product development, with a strong focus on data-driven research and the application of scientific methods to product design. This background supports a structured, evidence-based approach to developing and validating designs

External Support

The development has been carried out individually. The project is now actively seeking partnerships, mentorship, and strategic alliances to scale and accelerate its impact.

Source: ClimateLaunchpad 2026 Application · App ID: 9094 Ingested: 2026-05-25

Founder

Juan Ruano

Azahara usamos economía circular energía eólica solar ganamos el premio a la sostenibilidad envase de pulpa de maíz ya estamos en mercado ahora este años queremos guías para crecimiento nesec

Azahara usamos economía circular energía eólica solar ganamos el premio a la sostenibilidad envase de pulpa de maíz ya estamos en mercado ahora este años queremos guías para crecimiento nesecitamos mucho para esto.

Country: Guatemala · Guatemala **Category:** Not Assigned/ Unknown **Impact Areas:** Adaptation, Circular Economy, Nature-Based **Stage:** Launched **Team Size:** 6 **Website:** —

Elevator Pitch

Sustainable natural nanotechnology

Climate Problem

Clean water, circular economy, we use 7 liters of water for removal, cornstarch packaging. Wind energy in some processes.

Solution

Azahara offers sustainable skincare solutions for women going through menopause. It addresses the issue with personalized treatments, natural products, and protocols that hydrate, regenerate, and improve firmness, promoting skin health and reducing the impact

Revenue Model

Azahara generates revenue through specialized beauty services and the sale of natural hair and skin care products tailored to women going through menopause. It also offers packages and memberships that ensure recurring revenue.

Target Market

Azahara's target market consists of women aged 25 to 60 who are going through perimenopause or menopause and are interested in skincare using natural and effective solutions. It also includes customers seeking ethical and sustainable beauty treatments

Social Impact

Indigenous Peoples, Women

Demand Evidence

Azahara's target market consists of women aged 25 to 60 who are going through perimenopause or menopause and are interested in skincare using natural and effective solutions. It also includes customers seeking ethical and sustainable beauty treatments

Competitors

Only the most well-known brands on the market, but they aren't entirely organic. Azahara is organic and uses nanotechnology.

Founder Expertise

I am a founder, stylist, and trichologist with 30 years of experience. I offer expertise in skin and scalp care, the design of personalized treatments, and the use of natural products, with a focus on women going through menopause and delivering real results.

External Support

At this time, the Chamber of Commerce has not yet awarded the sustainability prize in Guatemala.

Source: ClimateLaunchpad 2026 Application · App ID: 8838 Ingested: 2026-05-25

BioHogar · Clean Energy

BioHogar

Country: Guatemala · Guatemala city **Category:** Clean Energy **Impact Areas:** Mitigation, Circular Economy **Stage:** Sketches **Team Size:** 1 **Website:** —

Elevator Pitch

BioHogar is a compact system that converts organic waste into biogas for cooking, providing clean, low-cost energy without electricity. It reduces firewood use, improves health, and brings sustainable energy to Guatemalan rural families.

Climate Problem

BioHogar addresses deforestation and greenhouse gas emissions caused by firewood use and poor organic waste management. It is crucial because millions of rural families rely on these practices, harming health and accelerating climate change.

Solution

BioHogar offers a compact household reactor that converts organic waste into biogas for cooking. In practice, it enables families to generate clean energy at home, reducing firewood use, emissions, and improving waste management.

Revenue Model

We will generate revenue through the sale of household reactors, ensuring that when families buy them, they value and maintain them. We will also offer kits, maintenance, and partnerships with NGOs and governments to scale implementation.

Target Market

Our target market is rural families in Guatemala who rely on firewood for cooking, as well as communities with limited access to energy. We also consider NGOs, governments, and development programs as key partners.

Social Impact

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

Demand Evidence

We know there is demand because millions of families in Guatemala rely on firewood and face high costs, health issues, and limited energy access. In addition, NGOs and programs are actively seeking clean and sustainable solutions.

Competitors

Our competitors include improved cookstoves and traditional biodigesters. In Guatemala, some projects and NGOs exist, but they are often costly or hard to use. We stand out with a compact, affordable design tailored for households.

Founder Expertise

We bring expertise in chemical engineering to design and optimize the biogas process, along with marketing skills to create an attractive, accessible, and scalable solution tailored to the Guatemalan context.

External Support

We are currently in the conceptual development, sketching, and early validation stage. We have received academic feedback and basic technical support, and we are seeking mentorship and partnerships to move toward pilot testing.

Source: ClimateLaunchpad 2026 Application · App ID: 7550 Ingested: 2026-05-25

CASA RAÍZ In contexts where housing often develops informally, we propose a return to essentials: a home rooted in place, connected to its environment, its people, and their real possibilitie

CASA RAÍZ In contexts where housing often develops informally, we propose a return to essentials: a home rooted in place, connected to its environment, its people, and their real possibilities.

Country: Guatemala · Ciudad de Guatemala **Category:** Clean Industry **Impact Areas:** Adaptation **Stage:** Sketches **Team Size:** 4 **Website:** — **Founder:** Ana Dominguez

Elevator Pitch

To scale a modular, sustainable housing solution that improves quality of life while reducing environmental impact. We seek mentorship, validation, and networks to bring dignified housing to growing communities.

Climate Problem

Around 40% percent of global co2 emissions comes from construction It increases climate vulnerability and limits access to safe, dignified living conditions.

Solution

We design modular, climate-responsive housing using local materials and passive strategies. Our system reduces waste, improves thermal comfort, and allows incremental, affordable construction

Revenue Model

Revenue comes from direct sales, customization services, and partnerships with developers, NGOs, and community housing programs

Target Market

Low- to middle-income families, Mayan and indigenous communities with low income backgrounds.

Social Impact

Indigenous Peoples, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty

Demand Evidence

20 percent of Guatemalan people come from extreme poverty while 60 percent are from a mid to low class. Field insights show housing is often built progressively without technical guidance. There is strong demand for affordable and flexible housing

Competitors

Traditional construction and informal self-built housing

Founder Expertise

Architecture student with experience in design, modular thinking, and construction processes. Background in real projects, technical drawings, and user spatial design

External Support

No

Source: ClimateLaunchpad 2026 Application · App ID: 7943 Ingested: 2026-05-25

Founder

Ana Dominguez

Canek.live · Not Assigned/ Unknown

Canek.live

Country: Guatemala · Guatrmala **Category:** Not Assigned/ Unknown **Impact Areas:** Mitigation, Adaptation, Nature-Based **Stage:** Pre-orders **Team Size:** 10 **Website:** https://Canek.live

Elevator Pitch

We promote environmental awareness and provide assistance to indigenous children with disabilities.

Climate Problem

We are supporting Flaar, a foundation that is helping to raise awareness about the conservation of macaws in Petén, Guatemala.

Solution

Making donations to watch a documentary about macaws.

Revenue Model

Through donations on canek.live

Target Market

People in Quexse who care about the environment and animals.

Social Impact

Indigenous Peoples, Persons Belonging to National or Ethnic - Religious and Linguistic Minorities, Women

Demand Evidence

Because efforts are currently being made to raise awareness among communities that live alongside animals, and we need to teach others to protect them.

Competitors

Guatemala.Com and national news outlets with reports and articles.

Founder Expertise

10 years of productions.

External Support

None.

Source: ClimateLaunchpad 2026 Application · App ID: 8842 Ingested: 2026-05-25

Creación de un sistema de prevención Salud y Seguridad Ocupacional y Cambio Climático en especial en procesos que afecten la productividad por olas de Calor en los trabajadores · Efficiency

Creación de un sistema de prevención Salud y Seguridad Ocupacional y Cambio Climático en especial en procesos que afecten la productividad por olas de Calor en los trabajadores

Country: Guatemala · Guatemala **Category:** Efficiency **Impact Areas:** Adaptation, Circular Economy **Stage:** Ideation **Team Size:** 1 **Website:** —

Elevator Pitch

Climate Change, Prevention, Heat Waves

Climate Problem

It focuses on people who are directly affected by heat waves caused by rising temperatures due to climate change, which not only impacts their productivity but can even lead to death.

Solution

A tool or process that improves operational efficiency and helps minimize the effects on workers exposed to extreme temperatures.

Revenue Model

Through consulting and university teaching.

Target Market

Workers who are exposed to high heat.

Social Impact

People Living in Extreme Poverty

Demand Evidence

From

Competitors

I'm not aware of that.

Founder Expertise

I am aware of the issue,

External Support

None.

Source: ClimateLaunchpad 2026 Application · App ID: 7880 Ingested: 2026-05-25

Cristal Coffee Guatemala · Food & Agriculture

Cristal Coffee Guatemala

Country: Guatemala · Jalapa **Category:** Food & Agriculture **Impact Areas:** Mitigation, Adaptation, Circular Economy **Stage:** Prototype **Team Size:** 6 **Website:** — **Founder:** Cristian Retana

Elevator Pitch

An eco-friendly and effective way to produce coffee

Climate Problem

Despite low rainfall and poor distribution, the use of fertigation technology ensured a good harvest

Solution

I make efficient use of water and apply it through drip irrigation systems

Revenue Model

Sustainable coffee production, consistent yields in less time

Target Market

Domestic and export.

Social Impact

People of African Descent, Indigenous Peoples, Roma - Sinti and Travelers, Persons Belonging to National or Ethnic - Religious and Linguistic Minorities, Migrants, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

It is necessary; coffee is the most widely consumed beverage in the world and must continue to be produced

Competitors

From

Founder Expertise

15 years of developing irrigation technologies in Central America

External Support

None

Source: ClimateLaunchpad 2026 Application · App ID: 7536 Ingested: 2026-05-25

Founder

Cristian Retana

Crysalia Studio · Clean Industry

Crysalia Studio

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Public Beta **Team Size:** 3 **Website:** — **Founder:** Katiza Marianne Melgar Giron

Elevator Pitch

We create high-end home decor by giving underutilized materials a second life through thoughtful design engineering. Crysalia reduces demand for virgin resources and waste, proving circular economy principles can coexist with luxury aesthetics.

Climate Problem

The startup addresses the inderutilization of Wood resources in Guatemala, where discarded timber is often burned or landfilled despite retaining material value. This leads to unnecesary emissions and resource loss instead of extending material lifecycle

Solution

We source discarded materials and transform them through refined design and engineering into high-end decor. By partnering with local suppliers and applying circular processes, we extend material life, reduce waste, and deliver sustainable luxury at scale

Revenue Model

The revenue will come through direct sales of high-end decor within limited collections and custom commissions, streamlined by partnership with conscious retailers and interior designers positioning the products as a premium, scalable offering.

Target Market

Our target market is design-conscious consumers seeking high-quality, distinctive home objects, primarily in urban markets. We focus on customers who value aesthetics, craftsmanship and uniqueness with sustainability acting as an added value rather than t

Social Impact

Migrants, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

Demand is validated by the growth of high end real state and boutique hospitality, our research shows increasing demand for conscious production and statement pieces while global luxury trends show rising preference for story-driven products

Competitors

Our competitor include local artisans and design studios offering handcrafted home objects and furniture. High-end decor brands usually come as a 2nd level competitor and in the Guatemalan market few players try con combine design, material transformation

Founder Expertise

My experience with scrapwood as well as epoxy resin, alongside working within immigration law and vulnerable communities give me great perspective of how waste management should be handled in the country and pollution reduced bringing beauty to every day

External Support

The support we have already received is mainly through advice from friends that are business owners from the area, support from different local retailers to do some A-B testing and some seminars in business development

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Source: ClimateLaunchpad 2026 Application · App ID: 8846 Ingested: 2026-05-25

Founder

Katiza Marianne Melgar Giron

Easy house · Clean Industry

Easy house

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Mitigation, Circular Economy **Stage:** Ideation **Team Size:** 1 **Website:** —

Elevator Pitch

I want to implement easy materials and different methods of construction in Guatemala like easy bricks and Mörtelpad that improves construction and reduces rubble

Climate Problem

Reduces rubble in the long run find materials to reuse in construction

Solution

The use of materials that doesn’t become trash at the end of the day I can make a great impact in the amount of rubble and in economy

Revenue Model

Selling and implementing this construction methods

Target Market

Construction

Social Impact

Women

Demand Evidence

Construction in Guatemala is in a very high demand and it’s always in constant change

Competitors

No

Founder Expertise

I’m a architect

External Support

Nothing it’s still an idea

Source: ClimateLaunchpad 2026 Application · App ID: 8126 Ingested: 2026-05-25

Ebisa Soluciones Ecológicas · Clean Industry

Ebisa Soluciones Ecológicas

Country: Guatemala · Quetzaltenango **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Launched **Team Size:** 5 **Website:** —

Elevator Pitch

Eco-friendly beauty within reach

Climate Problem

Ebisa uses natural ingredients (plants, oils, roots), which reduces water pollution and protects aquatic ecosystems 2. Soil pollution

Synthetic chemicals and industrial waste damage soil fertility.

Solution

Artisanal/local production Use of natural ingredients Reduced reliance on heavy industrial processes

This reduces your carbon footprint. You promote the use of natural ingredients and can help foster: The cultivation of medicinal plants

Revenue Model

From the sale of the natural cosmetics we produce

Target Market

I'm looking to export, and I'm working on getting everything I need to bring my product to the international market

Social Impact

Indigenous Peoples, Migrants, Women

Demand Evidence

Yes, because some European countries already have regulations on the use of products that harm the environment, and there is a growing trend toward natural products

Competitors

If Yves Rocher

Founder Expertise

I have expertise in transforming natural plants into personal care products

External Support

I have received support from BCIE as one of the companies leading the green transition. And a sustainability award

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Source: ClimateLaunchpad 2026 Application · App ID: 7280 Ingested: 2026-05-25

Ecomaquila · Clean Industry

Ecomaquila

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Launched **Team Size:** 10 **Website:** https://ecomaquila.com

Elevator Pitch

EcoMaquila is a sustainable manufacturing company that transforms recycled materials—like plastic bottles and reclaimed cotton—into high-quality fabrics and garments. We partner with conscious brands to bring their designs to life.

Climate Problem

EcoMaquila tackles textile waste and fossil-based fabrics by turning recycled plastic bottles and cotton into new textiles. This reduces emissions and pollution, advancing circular fashion and helping protect the planet for future generations.

Solution

EcoMaquila offers circular, low-impact manufacturing by transforming recycled plastic bottles and reclaimed cotton into premium fabrics and garments. We partner with brands to design, produce, and scale collections using ethical processes and fair labor.

Revenue Model

EcoMaquila generates revenue through B2B manufacturing services—producing garments and footwear for brands using sustainable materials. We charge per unit, offer product development and sourcing services, and build long-term partnerships.

Target Market

EcoMaquila targets sustainable fashion brands—startups and established labels—seeking ethical, low-impact manufacturing. Our focus is on markets like the U.S., Canada, and Europe, especially brands prioritizing circularity, quality, and transparent supply

Social Impact

People Living in Extreme Poverty, Women

Demand Evidence

We’ve validated demand through 12+ years of operations, serving international clients in the U.S., Canada, and Hawaii. Repeat orders, long-term partnerships, and growing interest from European brands confirm strong demand for sustainable manufacturing.

Competitors

Companies like Portugal-based Portugal Textile, ASBX, or Zeria Textile offer eco-friendly production using organic or recycled materials and serve similar B2B fashion brands.

Founder Expertise

I bring over 12 years of hands-on experience in sustainable manufacturing, developing recycled fabrics and producing garments and footwear for international brands.

External Support

EcoMaquila has gained recognition through media features such as Forbes and multiple sustainability awards in Latin America. We’ve also built international partnerships with clients in the U.S., Canada, and Hawaii, validating our model and market demand.

Source: ClimateLaunchpad 2026 Application · App ID: 8958 Ingested: 2026-05-25

FUDESOL · Food & Agriculture

FUDESOL

Country: Guatemala · Guatemala **Category:** Food & Agriculture **Impact Areas:** Mitigation, Adaptation, Circular Economy, Nature-Based **Stage:** Public Beta **Team Size:** 8 **Website:** https://www.instagram.com/fudesol?igsh=MTI5MTNxZGZsd3l1ZA==

Elevator Pitch

We promote local economic development (through organic farming, which regenerates the soil)

Climate Problem

We are developing organic farming practices to regenerate degraded soils in Guatemala's dry corridor

Solution

The solution is to create a market so that communities, through their own development, are motivated to further grow this economy, thereby regenerating their soils and achieving comprehensive economic development.

Revenue Model

Through the sale of agricultural products, and soon carbon credits

Target Market

Exports to Central America and the United States

Social Impact

People Living in Extreme Poverty, Women

Demand Evidence

Yes, we've been studying the model for over eight years, and we have data to support the demand for the product

Competitors

Yes, I'm familiar with similar project models

Founder Expertise

I founded the company, first created the pilot version, and then developed the project's scale model

External Support

We have received funding from the government and partners such as the U.S. Department of State and the POMONA Foundation, among others.

Source: ClimateLaunchpad 2026 Application · App ID: 8775 Ingested: 2026-05-25

GMOVES · Food & Agriculture

GMOVES

Country: Guatemala · Guatemala **Category:** Food & Agriculture **Impact Areas:** Circular Economy **Stage:** Prototype **Team Size:** 2 **Website:** — **Founder:** Luis Peñate

Elevator Pitch

We will convert renewable coffee wood into biodegradable stirrers to replace single-use plastics, enabling circular economy. We will create skilled rural jobs, reduce migration pressures, and support scalable income diversification for coffee producers

Climate Problem

Plastic pollution from single-use stirrers drives waste and emissions, persisting for decades. We aim to replace them with biodegradable stirrers made from renewable coffee wood, reducing plastic use and enabling a more circular, low-carbon system

Solution

We will produce biodegradable stirrers from renewable coffee wood to replace single-use plastics. In practice, we will supply cafés and distributors, creating a circular, low-carbon value chain both at the local level, with the potential to scale globally

Revenue Model

We will generate revenue by producing and selling biodegradable coffee wood stirrers to cafés, distributors, and retailers through bulk orders and branded supply agreements, ensuring steady demand and scalable growth

Target Market

We will start with local cafés and distributors, then scale to new markets. In each coffee producing country, we aim to replicate the model through small local production units, reducing transport and generating local economic and environmental impact

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women

Demand Evidence

Over 2.25 billion cups of coffee are consumed daily, many on the go, driving demand for single use items. Billions of plastic stirrers are used briefly but persist for years, showing clear demand for sustainable alternatives like biodegradable options

Competitors

Competitors include plastic and wooden stirrer producers, mostly imported. We are not aware of local producers using coffee wood, creating an opportunity to offer a more sustainable, locally sourced alternative with lower environmental impact

Founder Expertise

I bring expertise in sustainable agriculture and coffee systems, with experience training professionals and promoting responsible practices I understand value chains and rural contexts, helping align this solution with sustainability and local development

External Support

We have not received external support yet.

Source: ClimateLaunchpad 2026 Application · App ID: 7334 Ingested: 2026-05-25

Founder

Luis Peñate

Green Mama Compost · Food & Agriculture

Green Mama Compost

Country: Guatemala · Antigua Guatemala **Category:** Food & Agriculture **Impact Areas:** Mitigation, Circular Economy, Nature-Based **Stage:** Launched **Team Size:** 3 **Website:** https://www.greenmamacompost.com

Elevator Pitch

We pick up food and yard waste from homes and businesses that would otherwise go to a poorly managed overflowing trash dump and turn it into compost that nourishes the soil. We do environmental education and so far in only 2 years have reduced 17T of CH4.

Climate Problem

We reduce methane emissions and groundwater contamination by diverting organic waste from landfills and trash dumps, behavior change through environmental education and better waste practices, and improving soil health and quality by creating compost.

Solution

We are the only organic waste collection service in Antigua and are doing so directly because the municipality wont. 52% of the waste in Antigua is organic and in just 2.5 years we have diverted over 350 tons of waste from reaching the trash dump.

Revenue Model

We charge a fee for the pick up service and are now working on commercializing and selling the compost. The pick up service part of our operation is self sustaining, but the compost processing is not yet. We are reliant on donations, prizes, and grants.

Target Market

We look for clients who already know what composting is. Since composting is new here (there aren't that many of us), environmental education is key. Our target is people who already are looking for us and are not needing as much of that education.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women

Demand Evidence

The pick up service is popular. We don't advertise and already need a second truck. We have 5 routes a week and our truck is almost full. We can currently only take on 1 more commercial client and about 20 more residential clients.

Competitors

Reciclemos GT and Agrocompost are a pickup service and compost producer, respectively. They are located in Guatemala City and we collaborate with both. There is enough organic waste to go around, but I can anticipate that we might overlap in the future.

Founder Expertise

I have a master's in public health and a passion for caring for people and caring for the planet. A former women's health professional, there is a direct connection with how we treat the women on this planet and how we treat the planet itself.

External Support

Locally we won 1st place for Ciudadano Ambiental category of the Ultracem Gemas Prize and internationally were the 1st place winners of the Compost Council's Emerging Composter Challenge. We have received the Earth Rising Grant and a ChangeX grant.

Source: ClimateLaunchpad 2026 Application · App ID: 7281 Ingested: 2026-05-25

Guatepalm · Clean Industry

Guatepalm

Country: Guatemala · GUATEMALA **Category:** Clean Industry **Impact Areas:** Mitigation, Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 2 **Website:** — **Founder:** Mia Lucia Guajardo Jiménez

Elevator Pitch

Proposal for a process to convert African palm bunches into cardboard to reduce waste that pollutes water, soil, and the environment. The process begins with the collection of raw materials from production sites that would otherwise discard them.

Climate Problem

Grape clusters are often discarded in water sources, leading to an increase in BOD levels in the water. If they are left to pile up, they produce methane and leachates as they decompose, affecting Guatemalan soil.

Solution

Convert African palm bunches into cardboard through chemical and industrial processing, taking advantage of their high cellulose content, so that they can be used by other companies and re-enter the value chain.

Revenue Model

It will generate revenue through B2B sales of cardboard to the packaging and logistics industries. It offers an environmentally friendly alternative that reduces the carbon footprint, competing with virgin cardboard on the basis of cost and sustainability.

Target Market

Packaging and logistics companies.

Social Impact

Indigenous Peoples

Demand Evidence

There is demand because companies today are seeking a competitive advantage through sustainability. The market demands packaging with a low environmental impact, and our project offers a circular material that reduces that footprint.

Competitors

The competition consists of traditional paper manufacturers that use pine or recycled cardboard. The main producers include Empresas Galindo, Papelera Internacional (PAPELCO), Cartones de Guatemala (Cartogua), Papelera del Pacífico, and Distragsa.

Founder Expertise

As a chemical engineering student, my role in this project is to directly assess the environmental impacts of the cluster and propose processes through which it could be transformed into a marketable product.

External Support

No support has been received yet.

Source: ClimateLaunchpad 2026 Application · App ID: 9830 Ingested: 2026-05-25

Founder

Mia Lucia Guajardo Jiménez

Ingenicrop · Food & Agriculture

Ingenicrop

Country: Guatemala · Guatemala **Category:** Food & Agriculture **Impact Areas:** Adaptation **Stage:** Public Beta **Team Size:** 5 **Website:** https://ingenicrop.ai **Founder:** Randi Guarcas

Elevator Pitch

Ingenicrop is a digital platform that transforms agricultural production systems into smart systems through traceability, weather alerts, and AI-powered assistance. It helps reduce climate-related risks, improve productivity, and operate more efficiently.

Climate Problem

Farmers make decisions based on fragmented or non-existent information, increasing their vulnerability to climate change. This leads to losses, inefficiency, and food insecurity. Climate change exacerbates this problem.

Solution

We offer a digital platform featuring traceability, weather alerts, and AI-powered recommendations. Producers log their activities and receive recommendations, while institutions monitor and manage operations at scale.

Revenue Model

We are currently in the pre-revenue phase, validating our business model through pilot projects. We plan to monetize through a freemium model for producers ($20/month for the Pro plan) and B2B licenses, converting pilot projects into recurring contracts.

Target Market

Our target market includes small and medium-sized producers in emerging markets, as well as agricultural organizations, cooperatives, and governments that manage and support producers at scale.

Social Impact

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

Demand Evidence

We are validating the demand through active pilot projects with agricultural institutions and more than 100 users who are using the platform in the field. The feedback indicates a high level of interest in weather alerts, traceability, and AI-powered support.

Competitors

Our competitors include traditional tools such as Excel and manual record-keeping, as well as platforms like AgritecGeo, Climatica, and Geobristol. Most focus on data or monitoring, while Ingenicrop integrates traceability and weather alerts.

Founder Expertise

I am a software engineer and the CEO of Ingenicrop, where I oversee product development, technology, and strategy. I have experience developing digital platforms and validating them through pilot projects with agricultural institutions in Central America.

External Support

We are currently conducting pilot projects with agricultural institutions and academic partners to validate the solution in the field. We have also received support from grants and programs such as BCIE, Google for Startups, and the ElevenLabs Grants Program.

Source: ClimateLaunchpad 2026 Application · App ID: 7675 Ingested: 2026-05-25

Founder

Randi Guarcas

La Glorietta · Efficiency

La Glorietta

Country: Guatemala · Totonicapan **Category:** Efficiency **Impact Areas:** Circular Economy **Stage:** Launched **Team Size:** 3 **Website:** —

Elevator Pitch

Eco-friendly retreat A place to stay overnight in an eco-friendly setting. You'll find 100% organic products such as coffee, molasses, and related products.

Climate Problem

An opportunity to enjoy nature through a stroll, taking in the garden views and the surrounding scenery.

Solution

It offers the opportunity to connect with nature and enjoy organic products that are good for the environment and your health.

Revenue Model

Facilities with a garden: Accommodation for two people. Space for social or family gatherings for 35 people. Coworking space. For sale: Coffee and 100% organic honey products.

Target Market

Domestic and foreign men and women with an annual income of Q8,000 or more who are environmentally conscious

Social Impact

Indigenous Peoples, Migrants, People Living in Extreme Poverty, Women

Demand Evidence

Coffee and honey products are already being sold, and there are a few people interested in staying overnight, among other things.

Competitors

Tourist attractions such as Chajil Siguan and El Aprisco, as well as restaurants with gardens in the Totonicapan area.

Founder Expertise

We supply organic products and provide consulting services to organizations that produce and market raw materials and organic products.

External Support

Development of the garden venue's brand. Business training Networking

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Source: ClimateLaunchpad 2026 Application · App ID: 9077 Ingested: 2026-05-25

Multiagro Solar · Energy Storage

Multiagro Solar

Country: Guatemala · Huehuetenango **Category:** Energy Storage **Impact Areas:** Mitigation, Adaptation, Nature-Based **Stage:** Sketches **Team Size:** 10 **Website:** —

Elevator Pitch

1. Solar energy for the countryside and your home.
2. A solar solution for every need.
3. Clean and efficient energy in the countryside and at home.
4. We support the development of agriculture and your home with renewable energy.

Climate Problem

We ensure sustainable access to water for agricultural production. We provide families and farmers with clean energy through solar photovoltaic systems that allow them to store their own energy.

Solution

Solar pumping systems for deep wells, as surface water is becoming increasingly scarce. Installation of photovoltaic systems for homes and electrification of rural areas without access to the grid.

Revenue Model

Sales and installation of complete solar systems.

Target Market

Homes without access to electricity. Families with high energy consumption and high energy costs. Homes in areas prone to power outages. Farmers without access to surface irrigation water, farms, and agricultural

cooperatives.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women

Demand Evidence

Energy costs are currently high, which allows us to offer a low-cost solar solution. Surface water is becoming increasingly scarce, yet agricultural production must continue.

Competitors

From

Founder Expertise

We have been training at events in Miami and Panama for two years in order to enter this market.

External Support

None

Source: ClimateLaunchpad 2026 Application · App ID: 7465 Ingested: 2026-05-25

Mythika · Air & Environment

Mythika

Country: Guatemala · Guatemala **Category:** Air & Environment **Impact Areas:** Mitigation, Circular Economy
Stage: Launched **Team Size:** 50 **Website:** —

Elevator Pitch

1. We recycle PET bottles that we collect from rivers, oceans, and lakes, involving primarily low-income individuals to turn them into yarn
2. We design fabrics that tell stories about our countries and incorporate advanced technology
3. We produce clothing

Climate Problem

The pollution of rivers, lakes, and oceans, and its consequences, including the deterioration of air quality, the death of marine species, and more

Solution

1. Watershed collection and cleanup systems
2. Job creation
3. Waste management education programs

Revenue Model

Sale of the clothing we produce

Target Market

People of both genders who enjoy tech-driven designer clothing, particularly those who want to support social causes and help improve the environment; primarily aged 20 and older; from middle- and upper-middle-income backgrounds

Social Impact

Indigenous Peoples, Persons Belonging to National or Ethnic - Religious and Linguistic Minorities, Migrants, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

Global trends over the past 15 to 20 years have shown steady and rapid growth in ethnic fashion and fashion with a social and environmental focus; our project has been well received

Competitors

No one else does what we do—or anything with such an impact

Founder Expertise

A team with over 100 years of combined knowledge and experience in environmental issues, production, design, management, strategy development, recycling, human development, and much more

External Support

1. BI Challenge Scalability Award
2. Angel Award from the Taiwanese Embassy / Ministry of Economic Affairs

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Source: ClimateLaunchpad 2026 Application · App ID: 7613 Ingested: 2026-05-25

NRK · Clean Industry

NRK

Country: Guatemala · Ciudad de Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Launched **Team Size:** 3 **Website:** — **Founder:** Natalia Rosales Kachler

Elevator Pitch

A conscious design brand that redefines fashion by creating unique and groundbreaking pieces in harmony with the environment, while honoring the hands that craft them. We create pieces with a strong commitment to personal expression and the environment.

Climate Problem

Selecting the right raw materials, the production process, and waste management are key factors that we at NRK take very seriously—factors that the fashion industry generally overlooks and that contribute to major environmental problems.

Solution

We carefully select the raw materials we use, reuse and properly dispose of production waste, every detail of the packaging is designed to be biodegradable, and the final product is well-finished to ensure it lasts.

Revenue Model

Through online sales and in-person pop-up events. New capsule collections will be launched every three months to promote the clothing and keep inventory levels low, as the concept is based on slow fashion.

Target Market

People who seek to express themselves through clothing, who shop mindfully, and who dare to dress differently. They are from a high socioeconomic background and invest in fashion that reflects their personal style and values.

Social Impact

Women

Demand Evidence

Because people want to buy better products that contribute to their well-being—both physical and emotional. There is a demand for products that have a deeper meaning and make them feel like they are part of something important, part of the change.

Competitors

Currently, I have one competitor in the same industry, targeting the same market, but they do not produce or design in the same way. There are three others that focus on sustainable fashion but use different techniques and design approaches, targeting a different market and operating in a different industry.

Founder Expertise

My experience is valuable because there is no other conscious design initiative like NRK in my country. I built the project from the ground up in a country with little knowledge of sustainability, and I have managed to raise awareness of the issues through creative solutions.

External Support

I received support from Guatemala Fashion Week in 2023 after winning the award for best proposal at my university, which gave me the opportunity to showcase my work on their platform. I also participated in an entrepreneurship program through Bridge For Billions. (No financial support)

Source: ClimateLaunchpad 2026 Application · App ID: 8847 Ingested: 2026-05-25

Founder

Natalia Rosales Kachler

Nodus · Efficiency

Nodus

Country: Guatemala · Guatemala City **Category:** Efficiency **Impact Areas:** Mitigation, Circular Economy **Stage:** Public Beta **Team Size:** 2 **Website:** —

Elevator Pitch

Nodus is a digital platform that curates and distributes minimalist, energy-efficient smart rings without managing inventory. Our products replace multiple devices, reducing electronic waste, overproduction, and

Climate Problem

The rapid growth of electronic waste and the overproduction of devices lead to unnecessary emissions and a waste of resources. This is a critical issue, as technology consumption continues to rise and significantly exacerbates the environmental impact.

Solution

We offer a digital platform that distributes smart rings designed to replace multiple devices. We operate without inventory, reducing overproduction and waste, while promoting the use of efficient, functional, and minimalist technology.

Revenue Model

We generate revenue through direct online sales of products with a profit margin, using a inventory-free model. We also explore additional revenue streams through digital services, subscriptions, and premium features on our platform.

Target Market

Young professionals, students, and tech users looking for practical, minimalist, and efficient solutions. Also, consumers interested in reducing their environmental impact by using more sustainable smart devices.

Social Impact

People Living in Extreme Poverty

Demand Evidence

This demand is evident in the growth of wearable devices and the trend toward simpler, more efficient technology. In addition, interest in sustainable and multifunctional products continues to grow among digital consumers.

Competitors

There are global competitors in the wearable market, such as smartwatches and health rings. However, few combine minimalism, multifunctionality, and sustainability. There are no direct competitors in my area with this approach.

Founder Expertise

I bring expertise in e-commerce, marketing, and technology trend analysis. I have developed this expertise through self-study and market validation, focusing on opportunities in the field of energy-efficient technology.

External Support

"I have gained insights through online resources, independent research, and self-study in e-commerce, marketing, and technology trends. I have also validated the idea through market analysis and consumer behavior research."

Source: ClimateLaunchpad 2026 Application · App ID: 7329 Ingested: 2026-05-25

Pina&Kakaw · Clean Industry

Pina&Kakaw

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy, Nature-Based **Stage:** Pre-orders **Team Size:** 7 **Website:** — **Founder:** Daniela Sagastume

Elevator Pitch

Pina&Kakaw transforms pineapple leaf waste into sustainable textile fiber, yarn, and fabric, preventing agricultural burning that harms soil and the environment. We employ women in rural communities of Guatemala, our goal is to sell eco-friendly materials

Climate Problem

Pineapple leaf burning releases emissions, damages soil health, and involves harmful chemicals. This matters for climate and communities. We transform this waste into natural fiber, yarn, and fabric, replacing plastic-based textiles.

Solution

We convert pineapple leaves into sustainable fiber, yarn, and fabric, and transform the remaining biomass into compost that restores soil health—creating a circular solution that eliminates burning and reduces waste.

Revenue Model

We generate revenue by selling pineapple fiber–cotton blended yarn and fabric to textile manufacturers and brands. We are actively securing B2B clients through partnerships, sampling, and pilot orders.

Target Market

Designers, brands, companies for their uniforms.

Social Impact

People Living in Extreme Poverty, Women

Demand Evidence

There is an increase demand for natural fibers in clothing.

Competitors

Not in our area, there are in Asia and they are full in demand selling everything they produce.

Founder Expertise

We hire experts to teach us and also traveled ro Philippines for this purpose.

External Support

We received a donation from a Fundation and we hired and engineer for technical advisory to enhance our production process.

Source: ClimateLaunchpad 2026 Application · App ID: 8026 Ingested: 2026-05-25

Founder

Daniela Sagastume

Puro Sebo GT · Clean Industry

Puro Sebo GT

Country: Guatemala · Guatemala **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Prototype **Team Size:** 0 **Website:** —

Elevator Pitch

A sustainable, artisanal luxury project that transforms tallow from grass-fed cattle into a comprehensive line of skincare and wellness products. We craft soaps, creams, balms, deodorants, candles, and biodegradable bath salts using artisanal, botanical, and ma

Climate Problem

Reduce the use of synthetic cosmetic products and polluting waste by using biodegradable alternatives made from natural ingredients and responsibly utilizing sebum, thereby promoting mindful consumption and a lower environmental impact.

Solution

Developing biodegradable skincare and wellness products that are handcrafted using recycled tallow, botanicals, and reusable packaging, replacing conventional products with high chemical content and single-use plastics

Revenue Model

Through direct sales, online (including a website and catalog), social media, craft markets and fairs, sales of individual products and sensory kits, special editions, and promotions

Target Market

People of all ages, both men and women, who are looking for natural, biodegradable products, self-care rituals, and conscious luxury—as well as premium, sustainable, and functional alternatives for personal care and well-being

Social Impact

Women

Demand Evidence

The global growth of natural and sustainable skincare reflects a rising demand for clean, effective alternatives. In Guatemala, there is still a limited selection of premium, biodegradable products made from grass-fed tallow and sensory rituals.

Competitors

In Guatemala, there are few businesses that use tallow in creams or basic handmade soaps. At present, we are not aware of any local brand that offers a comprehensive line of skincare and wellness products featuring a variety of scents and a focus on pr

Founder Expertise

I bring self-taught expertise in artisanal formulation, natural skincare, branding, and sustainable product development. I have developed concepts, prototypes, and comprehensive product lines focused on functionality, artisanal luxury, and minimal environmental impact.

External Support

The project is currently in the development and validation phase, involving independent research and AI-driven analysis, small-scale testing, and self-directed training in formulation, sustainability, branding, and product and packaging development.

Source: ClimateLaunchpad 2026 Application · App ID: 9306 Ingested: 2026-05-25

RESI DUO · Air & Environment

RESI DUO

Country: Guatemala · Antigua Guatemala **Category:** Air & Environment **Impact Areas:** Circular Economy
Stage: Prototype **Team Size:** 3 **Website:** —

Elevator Pitch

We transform non-recyclable materials into public art, murals, and handcrafted pieces that give waste a second life

Climate Problem

We address non-recyclable waste that ends up in landfills. By transforming discarded materials into murals and art, we reduce waste, promote circular economy practices, and inspire communities to rethink sustainability.

Solution

We collect non-recyclable materials like ceramic waste and transform them into murals and art pieces. Funds also support environmental education workshops in schools, helping raise awareness about recycling, reuse, compost, and sustainability.

Revenue Model

We generate revenue by colaborating in murals, selling handmade jewelry, and unique art pieces created from non-recyclable materials. Each product promotes sustainability while helping fund environmental education and awareness programs in schools.

Target Market

Our target market includes eco-conscious consumers, hotels, tourists, schools, and organizations seeking sustainable products, environmental education, and community-based art initiatives.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women

Demand Evidence

Growing interest in sustainable products, eco-tourism, and community art in Guatemala’s tourist destinations shows strong demand. Hotels, coffee shops, schools, and visitors increasingly seek environmentally responsible products with social impact.

Competitors

Handmade jewelry brands, recycling initiatives, and local artisan businesses in Guatemala. However, few combine non-recyclable waste reuse, community art, and environmental education focused on tourist destinations like Antigua Guatemala (my city)

Founder Expertise

As an engineer with experience in environmental education, sustainability, and community projects, I combine technical knowledge with creativity to transform non-recyclable waste into art, while promoting environmental awareness through education.

External Support

none, yet

Source: ClimateLaunchpad 2026 Application · App ID: 9855 Ingested: 2026-05-25

Regeneración de suelos agrícolas en el municipio de chimaltenango · Food & Agriculture

Regeneración de suelos agrícolas en el municipio de chimaltenango

Country: Guatemala · Chimaltenango **Category:** Food & Agriculture **Impact Areas:** Nature-Based **Stage:** Launched **Team Size:** 3 **Website:** —

Elevator Pitch

Treatment of Desertified Farmland Using Beneficial Bacteria

Climate Problem

Desertified soils no longer support the production of cleaner food and help capture and sequester more carbon from the atmosphere

Solution

Restoring soil fertility so that it can be cultivated again with fewer pathogen outbreaks and reduced use of agrochemicals helps farmers' livelihoods

Revenue Model

Higher-quality products at lower production costs

Target Market

Agriculture production

Social Impact

Indigenous Peoples, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

Due to the disease and production problems currently affecting the agricultural sector

Competitors

Sussesos, Agricultural Sun, Disagro,

Founder Expertise

The proper use of bacteria in contaminated or desertified soils to produce chemical-free produce

External Support

None

Source: ClimateLaunchpad 2026 Application · App ID: 8944 Ingested: 2026-05-25

Regenerative livestock farming · Food & Agriculture

Regenerative livestock farming

Country: Guatemala · Guatemala **Category:** Food & Agriculture **Impact Areas:** Mitigation, Adaptation, Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 5 **Website:** — **Founder:** Luis Fernando Porres

Elevator Pitch

A sustainable agri-tech startup developing silvopastoral systems that integrate beef cattle with forest trees to restore soils, boost biodiversity, and capture carbon, while generating profitable and climate-resilient livestock production.

Climate Problem

Our startup addresses climate variability in Génova, Guatemala, where intense rainy seasons and prolonged dry periods degrade soils, reduce pasture productivity, and increase vulnerability to floods and droughts.This matters because threatens foodsecurity

Solution

We implement silvopastoral systems that integrate trees with grazing to restore soils, improve water retention, and reduce heat stress. This stabilizes pasture productivity, enhances resilience to droughts and floods, and supports sustainable beef product

Revenue Model

Through sustainable beef production, improved pasture yields and premium markets for eco-friendly products. Additional income comes from timber, carbon credits, and potential agroforestry byproducts, diversifying and strengthening long-term profitability.

Target Market

Our target market includes environmentally conscious consumers and premium buyers seeking sustainable beef, as well as timber and carbon credit markets. We also target partners and institutions interested in scalable, climate-smart livestock systems.

Social Impact

Indigenous Peoples

Demand Evidence

Demand is evidenced by rising consumer preference for sustainable beef, growing corporate and institutional commitments to low-carbon supply chains, and increasing demand for carbon credits and regenerative agriculture models globally.

Competitors

Competitors include conventional cattle ranchers and emerging regenerative livestock projects. In my region, most producers use traditional systems, with few adopting silvopastoral practices, making competition limited but highlighting strong opportunity.

Founder Expertise

I have 15 years of experience in cattle ranching on my family farm, where I have led reforestation efforts integrated with livestock. I apply sustainable practices that respect nature, restore soils, and improve long-term farm productivity.

External Support

We are currently applying to register our plantation with Guatemala’s National Forest Institute (INAB) under the PROBOSQUE program to access incentives that support and scale our silvopastoral project.

Source: ClimateLaunchpad 2026 Application · App ID: 8986 Ingested: 2026-05-25

Founder

Luis Fernando Porres

Save Motagua River · Air & Environment

Save Motagua River

Country: Guatemala · Zacaps **Category:** Air & Environment **Impact Areas:** Adaptation, Circular Economy **Stage:** Ideation **Team Size:** 02 **Website:** —

Elevator Pitch

Collecting plastic and turning it into blocks for building houses and planters to save the Motagua River basin

Climate Problem

The Motagua River basin is polluted by the Guatemala City landfill; currently, the pollution is not being treated and is being ignored, flowing all the way to the Caribbean Sea and polluting the entire river along its course. That is why it is important to save it

Solution

Collecting plastics and turning them into blocks, creating protective barriers, reforesting, and protecting biodiversity

Revenue Model

Selling the collected plastic blocks and creating nurseries for plants that can be used for crafts, such as bamboo and other varieties suitable for reconstruction

Target Market

Construction companies, landscaping companies

Social Impact

Indigenous Peoples, People Living in Extreme Poverty

Demand Evidence

Construction activity is on the rise, and it is necessary to use recycled materials in building

Competitors

No one is doing what we're planning to do

Founder Expertise

We have worked on entrepreneurial and social impact projects, developing ideas that transform communities and create a positive impact.

External Support

No external support has been received yet.

Source: ClimateLaunchpad 2026 Application · App ID: 8845 Ingested: 2026-05-25

Sinsal · Water

Sinsal

Country: Guatemala · Guatemala **Category:** Water **Impact Areas:** Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 2 **Website:** https://mercadeocomunitario.com/

Elevator Pitch

Water desalination is a largely unexplored and difficult-to-access field in Guatemala. Exploring a model for nationwide implementation would be of great help to those who lack access to drinking water.

Climate Problem

The scarcity and contamination of drinking water. I believe this is a very important issue, given the negative effects of a lack of access to this resource, such as disease, malnutrition, and death.

Solution

Reverse osmosis desalination plant(s).

Revenue Model

The idea is for the project to be funded by international donations. To make it self-sustaining, a percentage of the purified water must be sold.

Target Market

Condominiums or residential developments in coastal areas, the hotel industry, agribusiness, and sugar mills.

Social Impact

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

Demand Evidence

The deep-seated crisis in access to drinking water. According to studies, 90% of water sources are contaminated, 7 million Guatemalans lack access to a drinking water distribution network, and less than 60% have access to sanitation.

Competitors

There are engineering firms and equipment suppliers that offer plant design, sales, and installation services. Few of them offer the "Water as a Service" model.

Founder Expertise

I hold a bachelor’s degree in Business Administration and a master’s degree in Marketing Management. I also have a master’s degree in Project Design, Evaluation, and Management, as well as more than 25 years of professional experience across various industries.

External Support

None.

Source: ClimateLaunchpad 2026 Application · App ID: 7900 Ingested: 2026-05-25

UR Sustainability · Air & Environment

UR Sustainability

Country: Guatemala · Guatemala Ciudad **Category:** Air & Environment **Impact Areas:** Mitigation, Adaptation **Stage:** Ideation **Team Size:** 1 **Website:** https://www.ursustainability.com/

Elevator Pitch

UR Sustainability is a startup that helps companies in Latin America measure their carbon footprint. With UR Emissions, it enables companies to calculate emissions using recognized methodologies and generate clear reports to support sustainable decision-making.

Climate Problem

UR Sustainability addresses the lack of data and the high costs of measuring emissions in small and medium-sized enterprises. These barriers hinder climate action. Without accessible and standardized measurement, there can be no reduction in emissions, nor access to value chains or climate finance.

Solution

UR Sustainability offers UR Emissions, a digital tool for measuring emissions in a simple and cost-effective way. It includes fleet modules, standardized country-specific reports, and a PCAF module for measuring emissions financed through microfinance.

Revenue Model

We will generate revenue through a SaaS model: subscriptions to UR Emissions with advanced features (reports, fleet modules, and PCAF), premium services, and solutions for financial institutions that need to measure financed emissions

Target Market

Our target market consists of SMEs in Latin America, logistics and supply chains that need to measure emissions, and financial institutions that need to quantify financed emissions in accordance with standards such as PCAF.

Social Impact

Indigenous Peoples, Women

Demand Evidence

We have identified a demand driven by increasing pressure from customers, regulations, and financing to measure emissions, as well as by the lack of affordable solutions for SMEs. Furthermore, the growing interest in value chains and climate finance underscores the need for tools

Competitors

We compete with carbon footprint and ESG software such as Dcycle, Manglai, and SAP. However, these solutions are expensive or complex. Basic calculators and consulting services dominate the market in the region, with few affordable options available to SMEs.

Founder Expertise

I have a master’s degree in environmental economics and experience in emissions measurement, sustainability, and data analysis. I am familiar with standards such as the GHG Protocol and develop practical tools to support climate management in companies.

External Support

from

Source: ClimateLaunchpad 2026 Application · App ID: 8779 Ingested: 2026-05-25

ZUMA · Food & Agriculture

ZUMA

Country: Guatemala · Ciudad de Guatemala **Category:** Food & Agriculture **Impact Areas:** Mitigation, Circular Economy, Nature-Based **Stage:** Ideation **Team Size:** 1 **Website:** — **Founder:** Diego Juan Pablo Sánchez

Elevator Pitch

It is primarily based on completely eliminating the burning of sugarcane by creating a comprehensive cycle in which the harvest is used to produce biomass. As a result, it includes a sustainability certification for sugarcane growers.

Climate Problem

The issue of large-scale emissions is addressed in its entirety; in this case, the excessively high emissions of various gases resulting from the burning of sugarcane during harvest

Solution

An agreement is reached with the sugar mills to remove all organic waste at no cost, on the condition that I take possession of it to later convert it into biomass, which can then be used to generate energy, produce fertilizer, or serve as biomass for export.

Revenue Model

Revenue will be generated through the direct distribution of biomass for electricity generation and by creating byproducts from the collected and processed raw material, thereby establishing a comprehensive cycle.

Target Market

All sugar mills and bioelectricity-generating companies to complete the cycle.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty

Demand Evidence

Because there is still no solution to this problem other than this one.

Competitors

I don't have any

Founder Expertise

I am someone who loves to learn, and I have been doing a lot of research to help develop a sustainable and cost-effective solution for this project.

External Support

None

Source: ClimateLaunchpad 2026 Application · App ID: 7967 Ingested: 2026-05-25

Founder

Diego Juan Pablo Sánchez