

Green Mama Compost - Food & Agriculture

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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.

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