Green Textile Solutions · Air & Environment

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Country: ?? Colombia · Medellin **Category:** Air & Environment **CT Taxonomy:** CT-WA-003 — Recycling & Materials Recovery **Impact Areas:** Circular Economy **Stage:** Launched **Team Size:** 15.0 **Website:** https://greentexsolutions.com/ **Funded:** False **Founder:** Mauricio Velasquez

Elevator Pitch

Green Textile Solutions is a Colombian environmental technology company that transforms textile and plastic waste into high-performance recycled resins, while supporting industry through collection, traceability, and sustainable circular solutions.

Climate Problem

We address the accumulation of textile and plastic waste that, when sent to landfills or incinerated, generates emissions and pollution. This matters because we turn that waste into circular raw material for industry.

Solution

We offer a circular solution that collects, sorts, and transforms textile and plastic waste into high-performance recycled resins with traceability, reinserting them as raw material for new industrial applications.

Revenue Model

We generate revenue through three streams: sales of 100% recycled rPET, circular economy services for textile collection, sorting, and transformation, and fees for collecting textile waste that we later use as industrial raw material.

Target Market

Our target market is B2B companies seeking to manage waste and replace virgin raw materials with traceable recycled resins for sectors such as packaging, construction, automotive, electrical, hygiene, textile, and furniture.

Social Impact

Migrants, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

There is demand because many companies have textile waste with no viable outlet and, in plastics, need to comply with sustainability regulations. Our solution helps them manage waste and turn it into value with traceability.

Competitors

We compete with mechanical PET recyclers, virgin PET suppliers, and importers of recycled resin. Yes, there are nearby players in Colombia, but we differentiate ourselves by processing complex textile waste and offering traceability.

Founder Expertise

We have more than 20 years of experience in circular economy, materials engineering, and industrial operations to transform waste into traceable and scalable solutions.

External Support

We have not received external support yet.

Team

To lead the company’s strategy, industrial and commercial operations; manage partnerships, clients, and financing; and ensure traceability, quality, supply, and the scaling of waste transformation into recycled resins.

Founder

Mauricio Velasquez

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