

# Green Textile Solutions · Air & Environment

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## Green Textile Solutions

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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://greentextsolutions.com/> **Funded:** False

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## Elevator Pitch

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

## Climate Problem

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We address the accumulation of textile and plastic waste, which, when sent to landfills or incinerated, generates emissions and pollution. This is important because we turn it into circular raw materials for industry

## Solution

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We offer a circular solution that collects, sorts, and transforms textile and plastic waste into high-performance recycled resins—with full traceability—to be reused as raw materials in new industrial applications.

## Revenue Model

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We generate revenue in three ways: through the sale of 100% recycled rPET, circular economy services for the collection, sorting, and processing of textiles, and by charging for the collection of textile waste, which we then use as an industrial raw material.

# Target Market

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

# Social Impact

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

# Demand Evidence

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There is demand because many companies have textile waste with no viable disposal options, and when it comes to plastic, they need to comply with sustainability regulations. Our solution helps them manage waste and turn it into value with full traceability.

# Competitors

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We compete with mechanical PET recyclers, suppliers of virgin PET, and importers of recycled resin. Yes, there are similar companies in Colombia, but we stand out because we process complex textile waste and offer traceability.

# Founder Expertise

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We have over 20 years of experience in the circular economy, materials engineering, and industrial operations, enabling us to transform waste into traceable and scalable solutions.

# External Support

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We have not received any external support.

# Team

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Lead the company's strategic, industrial, and commercial operations; manage partnerships, clients, and financing; and ensure traceability, quality, supply, and scaling of the process of transforming waste into recycled resins

# Founder

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Mauricio Velasquez

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