Cacelio · Clean Industry

Cacelio

Country: ?? Colombia · Bogota **Category:** Clean Industry **CT Taxonomy:** CT-IN-003 — Clean Manufacturing / Bio-based Inputs **Impact Areas:** Circular Economy **Stage:** Prototype **Team Size:** 2.0 **Funded:** False **Founder:** David Sanchez

Elevator Pitch

Cacelio transforms coffee industry waste into biomaterials grown with mycelium for architecture and design. We cultivate biodegradable, low-impact materials that reconnect nature, design and circular production through biomimetic innovation.

Climate Problem

Cacelio addresses pollution caused by burning coffee waste and contaminating water sources. We transform these agricultural residues into sustainable new materials, reducing waste and replacing high-impact materials.

Solution

Cacelio develops biomaterials for interior design and architecture using coffee industry byproducts. We work directly with agricultural residues, process them locally and transform them into sustainable materials with circular production methods.

Revenue Model

Cacelio generates revenue through B2B sales of biomaterials, panels and custom solutions for architects, hotels, cafés and brands, while also selling design objects and interior pieces directly to consumers.

Target Market

Cacelio targets architects, interior designers, hotels, cafés, restaurants and conscious brands seeking sustainable materials with identity. We also reach design-focused consumers interested in innovative and environmentally responsible products.

Social Impact

Persons Belonging to National or Ethnic - Religious and Linguistic Minorities

Demand Evidence

Cacelio has received strong interest from architects, designers and cafés looking for sustainable materials with storytelling and identity. Early prototypes have generated curiosity, positive feedback and collaboration opportunities.

Competitors

In Colombia, there is no established company currently scaling this type of biomaterial production. Some independent researchers and experimental projects have showcased prototypes and exhibitions, but the industry is still in a very early stage locally.

Founder Expertise

Our team combines biomimicry, design and agricultural knowledge. I have a strong background and passion for biomimicry and nature inspired design, while my co-founder is a social worker and coffee grower with direct knowledge of rural communities and coff

External Support

Cacelio has been developed entirely through self funding, personal research and hands-on experimentation. All prototypes, material development and early validation have been achieved with our own resources and independent work.

Team

I lead the experimental, operational and laboratory side of the project, including biomaterial development and production processes. My co-founder focuses on sourcing raw materials, working directly with coffee farmers and building relationships

Founder

David Sanchez

Revisión #5
Creado 2026-05-29 03:21:51 UTC por Angelica Diaz
Actualizado 2026-09-18 19:16:40 UTC por Angelica Diaz