

# SOLESTRUCTURAS S.A.S. BIC

## · Clean Energy

---

# SOLESTRUCTURAS S.A.S. BIC

---

**Country:** ?? Colombia · Medellín **Category:** Clean Energy **CT Taxonomy:** CT-EN-001 — Solar PV **Impact Areas:** Adaptation **Stage:** Launched **Team Size:** 9.0 **Website:** <https://www.solestructuras.com> **Funded:** True (20.0)

---

## Elevator Pitch

---

We make solar adoption possible for buildings that cannot support conventional panels by using lightweight photovoltaic solutions that require no civil works. We reduce costs, installation time, and CO<sub>2</sub> emissions, expanding access to clean energy.

## Climate Problem

---

We address CO<sub>2</sub> emissions from buildings, which generate 38% of global emissions. Over 70% of roofs in Colombia cannot support conventional solar panels, limiting clean energy adoption and slowing decarbonization.

## Solution

---

We provide lightweight, flexible solar panels and BIPV solutions that adapt to roofs unsuitable for conventional systems. Our technology avoids costly structural reinforcements, cuts installation time, and enables wider access to clean energy.

## Revenue Model

---

We generate revenue through B2B sales of lightweight solar panels, turnkey solar projects, and Power Purchase Agreements (PPAs). We also earn from distribution, installation, maintenance, and future proprietary solar technologies.

# Target Market

---

The Americas

# Social Impact

---

People of African Descent, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women

# Demand Evidence

---

We validated demand through years of roofing and solar projects. Over 70% of buildings cannot support conventional panels, and our pilots, client pipeline, and partnerships confirm strong market need for lightweight solar solutions.

# Competitors

---

Our main competitors are conventional solar panel providers and EPC installers. Few companies specialize in lightweight BIPV solutions in Colombia, giving us a first-mover advantage in solar architecture and flexible photovoltaics.

# Founder Expertise

---

Our team combines 13+ years in sustainable construction, solar project execution, and international business development, supported by scientists and engineers with expertise in advanced photovoltaic technologies and R&D.

# External Support

---

We have been supported by accelerators, industry mentors, and strategic partners through Bioestructuras. We also secured pilot projects, private investment, and collaborations with research institutions and solar technology providers.

# Team

---

Diana Monsalve leads strategy, partnerships, and business growth. Jose Dario Perea drives R&D and solar innovation. Our technical team manages engineering, installation, monitoring, and project execution for solar architecture solutions.

# Founder

---

DIANA MONSALVE

---

Revisión #2

Creado 2026-05-29 03:21:05 UTC por Angelica Diaz

Actualizado 2026-06-11 02:29:06 UTC por Gideon Blaauw