

# GreenNova Materials Inc.

## 2025 Sustainability & Climate Impact Report

---

### 1. CEO Letter

At GreenNova Materials, sustainability is at the core of everything we do. We are proud to announce our commitment to achieving **Net Zero emissions by 2040**, reinforcing our dedication to environmental leadership while delivering strong shareholder value.

In 2025, we made significant strides toward reducing our carbon intensity and increasing operational efficiency. As we expand into new global markets, we remain focused on minimizing our environmental footprint while scaling responsibly.

We are confident that our sustainability roadmap positions GreenNova as a climate leader in advanced materials manufacturing.

---

### 2. Our Climate Commitments

#### **Net Zero by 2040**

We are committed to achieving net zero greenhouse gas emissions across our operations by 2040.

#### **2030 Target**

- Reduce emissions intensity by 50% per unit of revenue (baseline year: 2022)

#### **Renewable Energy Goal**

- 100% renewable electricity across global operations by 2028
-

## 3. Emissions Overview

Category	2022 (Baseline)	2025
Scope 1	210,000 tCO <sub>2</sub> e	195,000 tCO <sub>2</sub> e
Scope 2	120,000 tCO <sub>2</sub> e	40,000 tCO <sub>2</sub> e
Scope 3	<i>Under evaluation</i>	<i>Data in progress</i>

### Total Emissions (Scope 1 & 2 only)

2022: 330,000 tCO<sub>2</sub>e

2025: 235,000 tCO<sub>2</sub>e

This represents a **29% reduction in operational emissions** since 2022.

---

## 4. Carbon Neutrality Strategy

In 2025, GreenNova achieved **carbon neutrality for its North American operations** through:

- Direct emissions reductions
- Energy efficiency upgrades
- Investment in certified nature-based carbon offset projects

We retired 180,000 carbon credits sourced from global reforestation initiatives to neutralize residual emissions.

---

## 5. Renewable Energy Progress

GreenNova reports 92% renewable electricity usage across its global operations in 2025.

This was achieved through:

- Renewable Energy Certificates (RECs)
- Power purchase agreements (PPAs)
- On-site solar generation

---

## **6. Growth and Expansion**

In 2025, GreenNova expanded production capacity by 40% to meet rising global demand. We opened two new facilities in Southeast Asia and increased total output by 35%.

We expect continued growth of 20–25% annually over the next five years.

---

## **7. Climate Risk & Resilience**

We recognize climate change as a potential long-term risk to supply chains and infrastructure.

GreenNova is actively monitoring regulatory developments and market expectations. We aim to remain agile in adapting to evolving environmental policies.

---

## **8. Methodology**

Emissions were calculated using internationally recognized standards and internal data estimates.

Scope 3 emissions are currently being assessed and will be included in future reporting once data availability improves.

Baseline emissions were recalculated in 2024 to reflect structural changes in the organization.

Carbon offsets were sourced from internationally certified registries.