

# Glean Corporation Sustainability Report 2025

## ENVIRONMENTAL IMPACT AND CIRCULAR ECONOMY LEADERSHIP

### Executive Summary:

Glean Corporation is revolutionizing the construction industry by transforming waste plastic bags into high-

### Key Environmental Achievements:

- 100% recycled content in all products
- 75% reduction in CO2 emissions vs. cement production
- 1,000+ plastic bags diverted per square foot of product
- Zero waste manufacturing process
- LEED certification support for green building projects

### Environmental Mission:

Our mission is to create a circular economy where waste becomes a valuable resource. By converting plas

### Plastic Waste Crisis:

- 1 trillion plastic bags used worldwide annually
- 100,000 marine animals die from plastic pollution yearly
- Plastic bags take 400+ years to decompose in landfills
- Only 1% of plastic bags are currently recycled globally

### Our Solution:

Glean Corporation's proprietary process transforms waste plastic bags into durable, high-performance buil

### Environmental Benefits:

#### Carbon Footprint Reduction:

##### Traditional Cement Production:

- 1 ton cement = 0.9 tons CO2 emissions
- High energy consumption (fossil fuels)
- Limestone quarrying environmental impact

#### Glean Products:

- 75% lower CO2 emissions than cement
- Renewable energy powered manufacturing
- Local production reduces transportation
- Waste material diverted from landfills

#### Waste Diversion Impact (Per 1,000 Square Feet):

- 1,000,000+ plastic bags diverted from waste stream
- 15 tons of plastic waste prevented from landfills
- Equivalent to removing 3 cars from roads for 1 year
- 25,000 gallons of oil saved (plastic production avoided)

### Product Performance vs. Environmental Impact:

- 2X stronger than cement (5,700+ PSI vs 2,850 PSI)
- 50% lighter weight (easier installation, lower transport emissions)
- 20X less water absorption (better durability)
- 6X better corrosion resistance (longer lifespan)

Contact Information:

Phone: 1-617-849-1571

Email: [info@gleancorporation.com](mailto:info@gleancorporation.com)

Address: 500 Boylston St, Boston, MA 02116