

# SCIENCE-BASED TARGETS REPORT 2025

**Fancy Fashions  
F-28, Sector 6, Noida,  
Uttar Pradesh**

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# INTRODUCTION

This report presents the Science-Based Targets initiative (SBTi) alignment for Fancy Fashions, analyzing greenhouse gas (GHG) emissions for 2024 and 2025, with 2024 as the base year. It includes short-term and long-term strategies to reduce Scope 1, 2, and 3 emissions, aiming for a low-carbon transition in line with the GHG Protocol and CDP reporting standards.

# Alignment with the 1.5°C Pathway



The 1.5°C pathway refers to the global goal of limiting temperature rise to 1.5°C above pre-industrial levels, as outlined in the Paris Agreement.



The Science-Based Targets initiative (SBTi) encourages companies to set targets in line with this trajectory, ensuring that their emissions reductions contribute to global climate action.



The SBTi continues to play a pivotal role in guiding corporate climate action, providing a framework for companies to align their strategies with the goals of the Paris Agreement.

# How Companies Align with the 1.5°C Pathway in SBTi Reporting

Setting Near-Term Science-Based Targets (SBTs)

Reduce absolute Scope 1 & 2 emissions by at least 42% by 2030.

Address Scope 3 emissions if they make up >40% of total emissions.

Setting Long-Term Net-Zero Targets

Choosing Approved Decarbonization Pathways

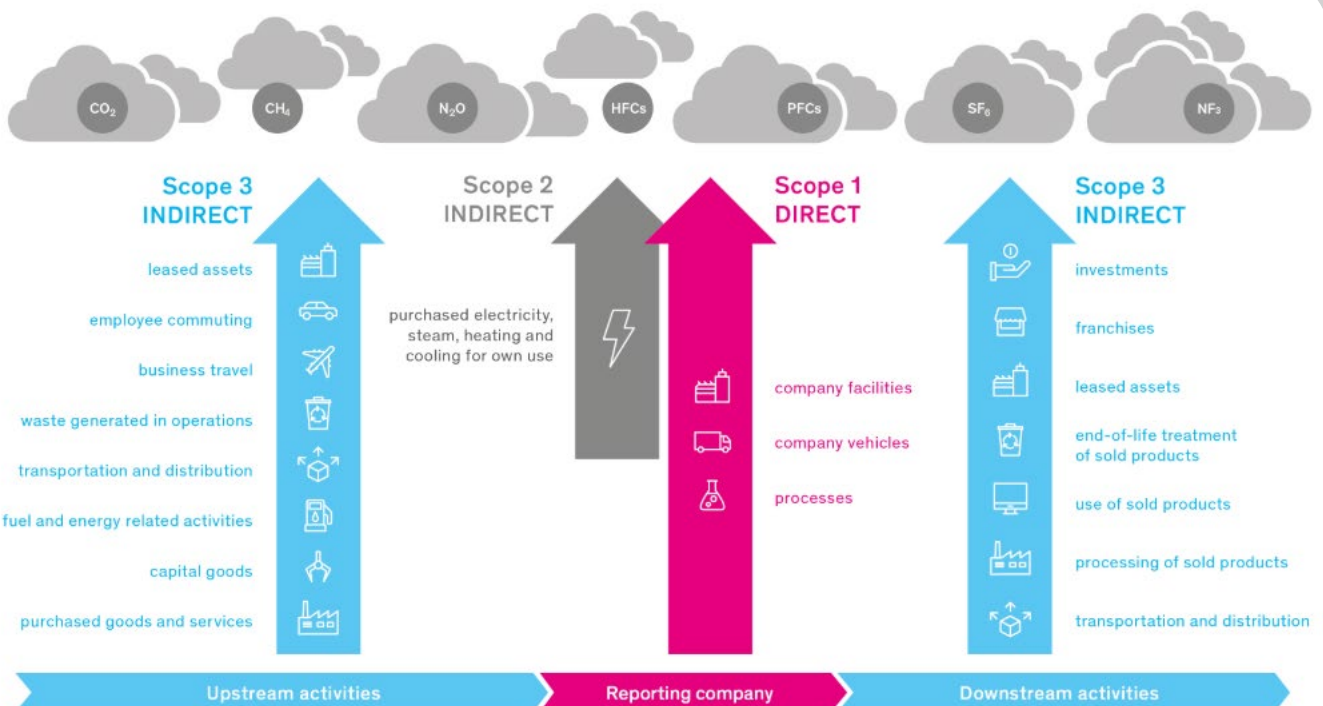
Transition to 100% Renewable Energy

Implement Carbon Reduction Strategies

Tracking & Reporting Progress

SBTi engagement triples since 2023—over 12,800 companies now committed to science-based climate action.

Companies adopting science-based targets have demonstrated substantial progress in reducing greenhouse gas emissions.





# **GHG EMISSION INVENTORY 2024 & 2025**

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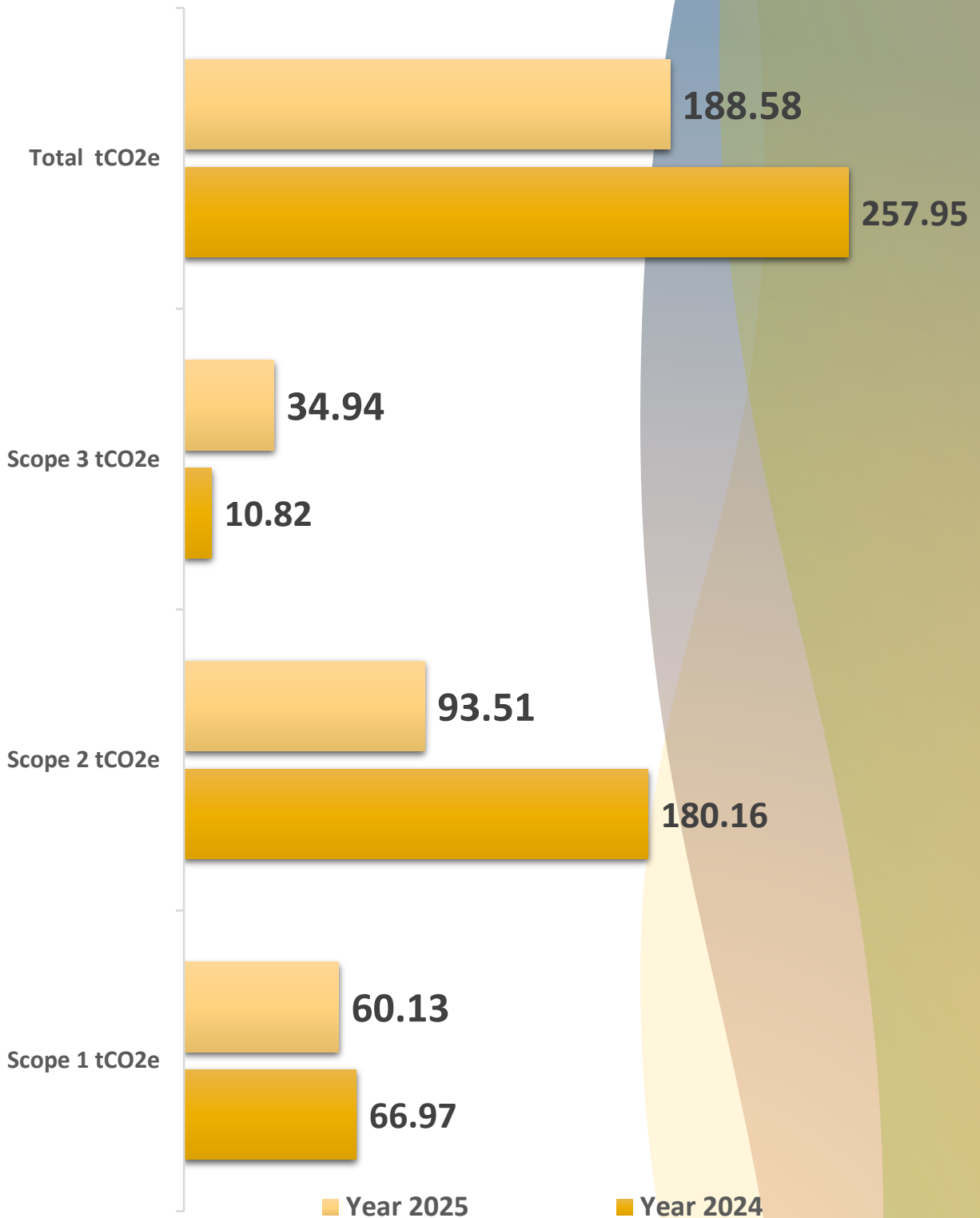
# GHG EMISSION INVENTORY 2024 & 2025

<b>Absolute</b>	<b>Scope 1 tCO2e</b>	<b>Scope 2 tCO2e</b>	<b>Scope 3 tCO2e</b>	<b>Total tCO2e</b>
Year 2024	66.97	180.16	10.82	257.95
Year 2025	60.13	93.51	34.94	188.58

<b>Normalised</b>	<b>Scope 1 tCO2e Per Pc</b>	<b>Scope 2 tCO2e Per Pc</b>	<b>Scope 3 tCO2e Per Pc</b>	<b>Total tCO2e Per Pc</b>
Year 2024	0.00010	0.00027	0.00002	0.00039
Year 2025	0.00011	0.00017	0.00006	0.00034

*Data Verified by: Mr. Rajiv Chaturvedi  
Reporting and Accounting: Green Compliance Services*

# GHG emission inventory - ABSOLUTE





# What are Science- based Target Commitments

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Science-based targets (SBTs) are greenhouse gas (GHG) reduction goals set by companies in line with the latest climate science to limit global warming to well below 2°C, preferably 1.5°C, as per the Paris agreement. These targets must be validated by the science-based targets initiative (SBTi).



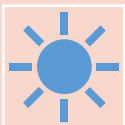
5 to 10-year emission reduction goals



Complete Scope coverage –  
Scope 1, 2 and 3



Enhancement of energy efficiency



Adoption of renewable energy



Aim for at least 90-95% absolute emissions reduction by 2050

# SHORT-TERM GOALS

2026  
-  
2029

## **Energy Efficiency & Electrification:**

- Upgrade to high-efficiency machinery and predictive maintenance to reduce energy waste.
- Implement LED lighting and motion sensors.
- Replace diesel-powered equipment with electric alternatives.

## **Renewable Energy Integration:**

- Procure renewable electricity via Power Purchase Agreements (PPAs).

# LONG-TERM GOALS

2027  
-  
2040

## **100% Renewable Energy Transition:**

- Phase out fossil fuel energy and fully transition to renewable electricity.
- Explore biomass or hydrogen energy sources.

## **Carbon Neutrality:**

- Implement carbon offset programs.
- Invest in carbon capture technology.

## **Water Efficiency Measures:**

- Install water recycling and rainwater harvesting systems.
- Reduce water usage per unit washed through process optimization.

## **Employee Commute Reduction:**

- Implement carpooling programs and incentivize public transportation.

# SUMMARY

- This report outlines the greenhouse gas (GHG) emissions profile of Fancy Fashions, assessing Scope 1, 2, and 3 emissions for 2024 (base year) and 2025.
- It establishes short-term (2026-2029) and long-term (2027-2040) reduction strategies, aligning with the Science-Based Targets initiative (SBTi) and global decarbonization pathways.
- Key Findings:
  - Total Emissions: Decreased from 257.95 tCO<sub>2</sub>e in 2024 to 188.58 tCO<sub>2</sub>e in 2025.
  - Normalized Emissions (per unit of shipment): Improved, showing efficiency gains.



# Emission reduction strategies

# Short-term goals (2026-2029)

Goals	KPI	2029 Target (from 2025 baseline)
Reduce operational emissions (Scope 1 & 2)	Absolute Scope 1+2 tCO <sub>2</sub> e	Reduce 18% from 153.64 to ≤126.00 tCO <sub>2</sub> e
Improve energy intensity	Total tCO <sub>2</sub> e per Pc	Reduce 15% from 0.00034 to ≤0.00029
Reduce value chain emissions	Absolute Scope 3 tCO <sub>2</sub> e	Reduce 12% from 34.94 to ≤30.75 tCO <sub>2</sub> e

# Near-Term Science-Based Target (2026–2029)

The company commits to reducing absolute Scope 1 and Scope 2 greenhouse gas emissions by **18% by 2029 from a 2025 base year**, aligned with a 1.5°C decarbonization pathway. In addition, the company will reduce Scope 3 emissions by **12% over the same period** and improve emissions intensity per unit of production by **15%**.

These targets prioritize renewable electricity adoption, operational energy efficiency, and supplier engagement to address key emissions hotspots, particularly Scope 2 emissions.

# LONG-term goals (2027 – 2040)

Goals	KPI	2040 Target (from 2025 baseline)
Deep decarbonization of operations	Absolute Scope 1+2 tCO <sub>2</sub> e	Reduce 90% to ≤15.36 tCO <sub>2</sub> e
Value chain decarbonization	Absolute Scope 3 tCO <sub>2</sub> e	Reduce 90% to ≤3.49 tCO <sub>2</sub> e
Net-zero intensity pathway	Total tCO <sub>2</sub> e per Pc	Reduce 90% to ≤0.00003

# Near-Term Science-Based Target (2027–2040)

The company commits to reducing absolute Scope 1 and Scope 2 greenhouse gas emissions by **90% by 2040 from a 2025 base year**, consistent with a science-based net-zero pathway. The company also commits to reducing Scope 3 emissions by **90% by 2040**, covering relevant value chain categories.

By 2040, the company aims to achieve near-zero emissions across operations and significantly decarbonize its value chain, with any residual emissions to be neutralized through permanent carbon removals in line with best-practice net-zero frameworks.

# CONCLUSION

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- By implementing these strategies, Fancy Fashions aims to significantly reduce its emissions and align with SBTi targets.
- Continuous monitoring and periodic reassessment will ensure progress toward a low-carbon future.
- By following these strategies, the company aims to align with SBTi's 1.5°C pathway, reducing its climate impact and ensuring sustainable business growth.

# END OF REPORT

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