

C-Trace Executive Report

Executive Summary

Total Emissions to Date: 6489.25 kg CO2e

Emission Breakdown by Scope

Scope	Emissions (kg CO2e)	% of Total
Scope 1	5360.00	82.6%
Scope 2	820.00	12.6%
Scope 3	309.25	4.8%

AI-Driven Reduction Strategies

Main Hotspot: Diesel (Priority)

Diesel accounts for 82.6% of your total footprint. Prioritize reduction here.

Fleet Electrification (High Impact)

Fuel consumption contributes 5360.0 kg CO2e. Switching to Electric Vehicles (EVs) could eliminate this.

Renewable Energy Switch (medium impact)

Grid electricity is a major factor (820.0 kg). Installing onsite solar or switching to a green tariff can reduce Scope 2 to near zero.

Optimize Logistics (Optimization)

Transport emissions detected. Consolidate shipments or use rail/sea freight instead of air/road where possible.

Sustainable Procurement (Supply Chain)

Embrace circular economy principles. Sourcing recycled steel or low-carbon cement can significantly lower embodied carbon.

This report was automatically generated by the C-Trace Analysis Engine based on verified invoice data.