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Carbon Footprint

CO₂e (Carbon Dioxide equivalents) across four categories

This document is an integral part of the overall ESG Report of FNRCO



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Scope 3 Category	Activity Data	Emission Factors	Calculation of Total Emissions	FNRCO's Emissions (Metric Tons CO ₂ e)	Industry Standard (Metric Tons CO ₂ e)
Business Travel and Employee Commuting	Transportation data	CO ₂ emissions factors per mode of travel	Travel Data × Emission Factors	300	250
Waste Management	Waste generation and disposal data	CH ₄ emissions factors based on disposal method	Waste Data × Emission Factors	5 (CH ₄)	4 (CH ₄)
Transportation-Related Emissions	Fuel consumption data	N ₂ O emissions factors for fuel	Fuel Data × Emission Factors	2 (N ₂ O)	1.5 (N ₂ O)
Emissions from Leased Assets and Investments	Equipment use and energy consumption data	Emission factors for HFCs, PFCs, SF ₆ , NF ₃	Equipment & Energy Data × Emission Factors	1 (Others)	0.75 (Others)



CO₂e (Carbon Dioxide equivalents) across four categories

FNRCO's reported Scope 3 emissions for the last reporting year are as follows:

- Total Business Travel and Employee Commuting Emissions: 300 metric tons CO₂e.
- Total Waste Management Emissions: 5 metric tons CO₂e (CH₄).
- Total Transportation-Related Emissions: 2 metric tons CO₂e (N₂O).
- Total Emissions from Leased Assets and Investments: 1 metric ton CO₂e (HFCs, PFCs, SF₆, NF₃).

Aggregating these numbers, FNRCO's total Scope 3 emissions amount to **308 metric tons of CO₂e** for the reporting year. This exceeds the industry standard in each respective category, indicating areas where FNRCO could implement improvements to align with or better the industry benchmarks. These results serve as a guide for FNRCO to develop targeted strategies to reduce emissions, particularly in the areas of business travel, waste management practices, fuel use optimization, and the management of leased assets. Such strategies could include enhancing remote work policies, improving waste diversion and recycling programs, transitioning to lower-emission vehicles and fuels, and investing in more energy-efficient equipment. Addressing these areas will help FNRCO progress towards its sustainability goals and reduce its overall environmental impact.