

GHG Emissions Report – 2024



GREEN LINKS GOLF CLUB

Executive Summary

This report summarizes Green Links GC 2024 greenhouse gas emissions. It includes Scope 1 emissions from natural gas and diesel, and Scope 2 emissions from electricity use. All data is based on UK BEIS emission factors. The report also outlines emissions targets and practical reduction tips for golf course operations.

Emissions Breakdown (tCO2e)

Scope 1

- Natural Gas (300,000 kWh): 54.95 tCO2e
- Diesel (7,500 litres): 19.08 tCO2e

Total Scope 1: 74.03 tCO2e

Scope 2

- Electricity (150,000 kWh): 34.97 tCO2e

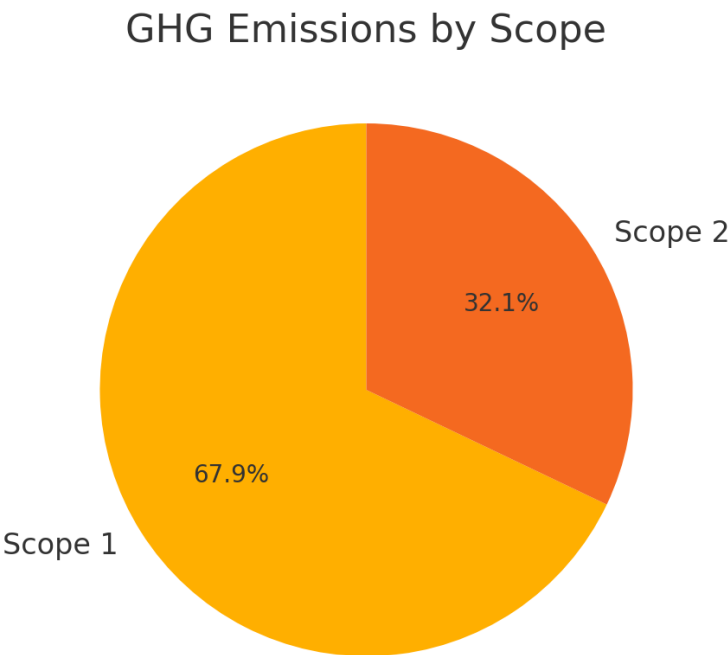
Total Scope 2: 34.97 tCO2e

Total Emissions

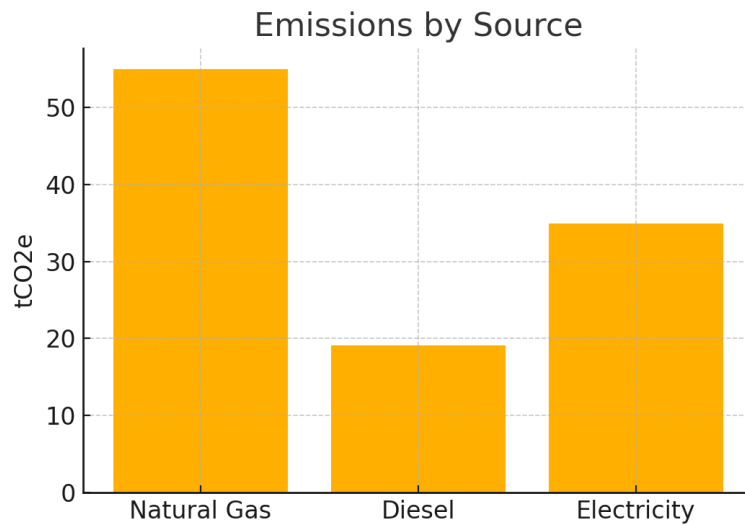
Combined Total Emissions: 109.00 tCO2e

Emissions Visualization

Charts comparing Scope 1 and Scope 2 emissions:



Breakdown of emissions by source:



Reduction Target

Green Links GC aims to reduce total Scope 1 and 2 emissions by 25% by 2030 (from 109.00 to 81.75 tCO2e). This will be achieved via energy efficiency, renewable energy adoption, and procurement strategy updates.

General Carbon Reduction Tips for Golf Clubs

- Use electric golf carts and machinery
- Install LED lighting in all facilities
- Improve building insulation and HVAC systems
- Optimize irrigation with smart controls
- Use solar panels where feasible
- Choose local, seasonal foods for catering
- Educate staff and members on sustainability