

# Journey to Net Zero

## Our Roadmap

4th August 2023

V01

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# Introduction

## Commitment to Net Zero

As part of Gratte Brothers Group's journey to a more sustainable future, we are committed to becoming a Net Zero company before 2050, and aligning ourselves with data-backed, science based targets to reduce emissions. In doing this, we align ourselves with the Paris Agreement and the UK Government's own goal to reach net zero emissions by 2050.

At the start of this journey, we have assessed our full footprint of carbon emissions, across all three scopes- including those that are indirect and part of our value chain. To ensure that our footprint, goals, and progress tracking are verifiable and data driven, we are working with a specialist carbon accounting company, Normative.

The companies included in the scope of this net zero roadmap are:

**Gratte Brothers Group Limited** - based in London providing group management support for each of the subsidiary companies within the Group:

- **Gratte Brothers Limited** - based in London, Chelmsford and Worthing, carrying out building services and engineering (GBL).
- **Gratte Brothers Catering Equipment Limited** - based in Stevenage, carrying out design, installation and maintenance of commercial catering facilities (GBCE).
- **Gratte Brothers Security Management Limited** - based in London, Belfast and Warrington, carrying out design, installation and maintenance of security systems (GBSM).
- **Gratte Brothers Building Services Maintenance Limited** -based in London and provides Planned Preventative and Reactive Mechanical, Electrical and Public Health Maintenance Services (GBBSM).
- **Gratte Brothers Technical Services Limited** - based in London, carrying out design and technical consultation (GBTS).

## Normative Partnership - Data Integrity and Validity

Normative are a leading carbon accounting company, who partner with leading climate change organisations- including the UN. Using our data, they have calculated our full carbon footprint, across all three scopes, and assisted with ensuring our target setting is verified and data driven.

Being backed up by the huge experience that Normative has means that any decisions made or progress reported will be based on clear evidence, and keep us away from accidental greenwashing.

Normative's calculation methodology is set out in their published whitepaper 'Normative Emissions Calculation Methodology', which is publically available on their website: [White paper library | Normative](#).

# Baseline Carbon Footprint Data

April 2021 - March 2022

The baseline year to be used is the 2021-2022 dataset (in line with financial reporting- April '21 to March '22).

Gratte Brothers Group carbon footprint data is presented below, by group and by individual operating company:

Overheads	Scope 1	Scope 2*	Scope 3	Total
Overheads	127	0	1,756	1,883
GBL	81	0	15,187	15,268
GBSM	225	0	1,543	1,768
GBCE	109	0	665	774
GBBSM	110	0	326	357
GBTS	0	0	57	57
Whole Group	553	0	19,534	20,087

\*Using market based reporting, Gratte Brothers has 0 scope 2 emissions due to the purchase of renewable energy.

## Discussion of Baseline Emissions Reporting and Targets

### Areas of most significant use by scope

1. Scope 1 emissions are driven largely by diesel use, for fleet vehicles- driven by engineers for site and maintenance work. Secondly, consumption of natural gas in a small number of our offices.
2. Scope 2 emissions sit at zero due to the use of renewable energy across our premises.
3. The categories for which scope 3 emissions have been calculated, and the percentage of emissions associated with each are as follows:
  - Purchased goods and services (90.1%)
  - Capital goods (4.9%)
  - Waste generated in operations (2.7%)
  - Fuel- and Energy-Related Activities (2.1%)
  - Upstream transportation and distribution (0.07%)
  - Business travel (0.05%)

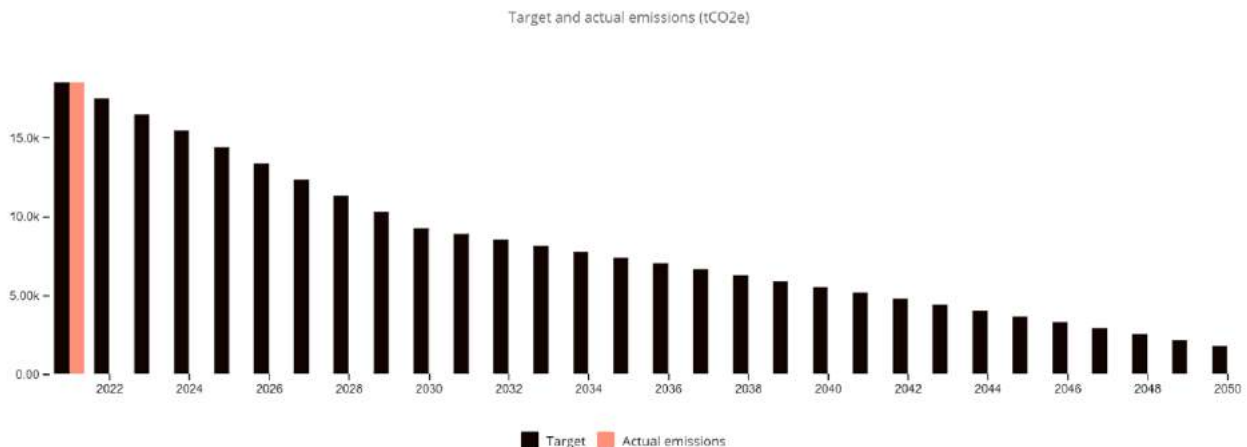
# Predicted Emissions and Emissions Reduction Targets

In line with the science based targets initiative and the UN race to zero, the targets that Gratte Brothers are committed to are:

- A 50% reduction in emissions across all three scopes by 2030.
- Net Zero by 2050 (inclusive of a maximum 10% offsetting of those residual emissions).

The baseline year to be used for these targets is the 2021-2022 dataset (in line with financial reporting- April '21 to March '22).

The graph below demonstrates the predicted reduction of emissions, taking into account these targets. This is based on a linear model, and as more data is available, predictions will be updated to reflect any changes.



## Emissions Reporting

See above for baseline data (current extent of available data- this section will be updated on an annual basis as data becomes available).

# Carbon Reduction Projects

## Completed Projects

(Not applicable for this first reporting year).

## Planned Projects

Time Period	Scope	Project
2023-2030	1	Fleet replacement and reduction, continued movement towards hybrid vehicles, particularly for service and maintenance engineers. Trial and introduction of electric vans for GBCE division engineers.
2023	1	Vehicle choice policy update to reduce CO2 allowance for each new company vehicle choice and encourage more electric / hybrid car choices.
Ongoing	2	Continued renewable energy tariffs for all Gratte Brothers premises.
2023-2025	3	Employee commuting survey to better understand the true carbon impact of this activity, and identify and implement ways to reduce it. For example, promoting cycling schemes. This has the added benefit of engaging and involving the workforce with the net zero journey.
2023-2025	3	A review of waste generated in operations, utilising tonnage data from waste management providers to convert this into activity data and identify areas for reduction, both in offices and on sites.
2023-2030	3	Development of a supplier engagement strategy, with a particular focus on those top ten suppliers within the purchased goods and services category, to gather more granular data on the emissions produced. Working with these suppliers to identify those areas in which emissions can be reduced, and assisting with the implementation of these changes.
Ongoing	3	Generally refining scope 3 data and upgrading to activity data from transactional data to get a better oversight of scope 3 emissions.
2040 Onwards	All	Identification of verified carbon capture / sequestration investment opportunities.

On an annual basis, this table will be updated.

## Declaration and Sign Off

Emissions within this roadmap have been reported and recorded in accordance with the GHG reporting protocol corporate standard, using the appropriate government emission conversion factors for greenhouse gas company reporting.

This roadmap to net zero has been reviewed and signed off by the board of directors.

This roadmap to net zero will be reviewed and updated with the latest data on an annual basis, in line with the data analysis cycle.

Signed on behalf of Gratte Brothers Group Limited



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David Gratte, Group Managing Director

## Intellectual Property

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