



# Carbon Reduction Plan

For: Giant Group Plc, Giant Precision Ltd and all associated companies

Publication date: January 2024

## Commitment to achieving Net Zero

Giant Group Plc, Giant Precision Limited and all associated companies (GIANT) are committed to achieving UK Net Zero emissions by 2050.

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured in the UK.

**Baseline Year: 1<sup>st</sup> June 2022 – 31<sup>st</sup> May 2023**

### **Additional Details relating to the Baseline Emissions calculations.**

GIANT has utilized the data from our ESOS reporting requirements relating to the baseline year 1<sup>st</sup> June 2022 to 31<sup>st</sup> May 2023 utilising the billing from the London office plus our homeworking population (which is the bulk of our staff). All other offices the data is included in a service charge. We will seek to remedy this for the next review.

### **Scope 1**

GIANT do not own any company vehicles and do not own any office space. A calculation was made for gas and electricity used whilst GIANT employees worked from home in the Baseline year. This was calculated using the average data method produced by EcoAct in partnership with Lloyds Banking Group and NatWest Group<sup>1</sup>. The Carbon Trust Footprint Calculator<sup>2</sup> was then used to calculate the emissions.

GIANT's HR provided the numbers of staff we had working from home over the period 150 at the start of the Baseline period to 158 at the end of the Baseline period resulting in an average for the year of 154 Homeworkers. All UK Homeworking employees were considered in the calculation for the period with the average over the year used for the calculation. The calculation was made assuming that all personnel worked full time, 7.5 hours a day, 240 days of the year.

## Scope 2

For electricity the data source used was the June 22 to May 23 Landlords Billing for London. The total electricity consumption was 22,066.03 kWh.

In addition, GIANT's HR provided the numbers of staff we had working from home over the period 150 at the start of the Baseline period to 158 at the end of the Baseline period producing an average of 154 which was used for the calculations. The calculation was made assuming that all personnel worked full time, 7.5 hours a day, 240 days of the year.

London	22,066.03 kWh
Homeworkers	41,580 kWh

**Total**                    **63,646.03 kWh**

All other offices have the power consumption included in the service charge and therefore is deemed out of Scope as GIANT do not have Financial or Operational control because this is dealt with by the Landlord in every case. Every effort will be made to get breakdowns for the next report.

Gas consumption was deemed immaterial by the Landlord. The Carbon Trust Footprint Calculator<sup>2</sup> was then used to calculate the emissions.

## Scope 3

Employee commuting was considered out of scope due to the small number of staff commuting and not using public transport this will be reviewed at next report and if deemed in scope at that time will be calculated using the method documented in the Greenhouse Gas Protocol, Technical Guidance for Calculating Scope 3 Emissions<sup>3</sup>.

GIANT has a policy of using public transport for all Business Travel and as such for the purposes of this report Business Travel was not included. This will be reviewed for the next report

Due to the nature of business performed by GIANT, there are no Upstream transportation and distribution and Downstream transportation and distribution.

Waste generated in operation is deemed out of Scope as GIANT do not have Financial or Operational control because this is dealt with by the Landlord in every case.

<sup>1</sup> <https://info.eco-act.com/hubfs/0%20-%20Downloads/Homeworking%20emissions%20whitepaper/Homeworking%20Emissions%20Whitepaper%2020.pdf>

<sup>2</sup> <https://www.carbontrust.com/resources/sme-carbon-footprint-calculator>

<sup>3</sup> [Scope3 Calculation Guidance 0.pdf \(ghgprotocol.org\)](#)

<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (kgCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>0 kgCO<sub>2</sub>e</b>
<b>Scope 2</b>	<b>12,308 kgCO<sub>2</sub>e</b>
<b>Scope 3 (Included Sources)</b>	<p><b>0 kgCO<sub>2</sub>e</b></p> <p>Due to the nature of business performed by GIANT, there are no Upstream transportation and distribution and Downstream transportation and distribution.</p> <p>Waste generated in operation is deemed out of Scope as GIANT do not have Financial or Operational control because this is dealt with by the Landlord.</p>
<b>Total Emissions</b>	<b>12,308 kgCO<sub>2</sub>e</b>

## **Emissions reduction targets**

In order to progress to achieving UK Net Zero, we have adopted the following carbon reduction targets.

- Work with our office Landlords to aim to source 100% renewable electricity for the buildings GIANT occupy
- Work with our office Landlords to assess if kgCO<sub>2</sub>e Waste generated in operations can be measured
- Continue encouraging business travel reduction and ensure business travel only takes place when deemed essential and is only done via public transport.
- Encourage suppliers to adopt a science-based carbon reduction target by 2050
- Review certified, offsetting solutions for emissions we are unable to eliminate
- Review implement reporting on employee commuting and employees working from home to then re-baseline using data from 2023/2024 to ensure accuracy of reporting data

We project that carbon emissions will increase in the short term due to the addition of additional data sources to better define our baseline as well as projected business growth over the next three years but then will decrease over the next 23 years to **0 kgCO<sub>2</sub>e** by 2050 as GIANT work towards achieving UK Net Zero. This is a reduction of 100%.

## Carbon Reduction Projects

2024 initiatives:

The following environmental management measures and projects are planned to be undertaken or implemented following this baseline:

- Encourage business travel reduction and ensure business travel only takes place when deemed essential and via Public Transport only
- Implement Microsoft Teams and other online solutions to maximise online meetings rather than face to face, reducing the need for travel
- Implement a Sustainability (ESG) Steering Committee
- Implement improved reporting on employee commuting and employees working from home

It is anticipated that our emissions will increase as our headcount increases in line with business growth, our emissions will then start to reduce as we work to drive down our carbon emissions through collaboration with our Landlords and our Staff.

- Implement improved reporting on employee commuting to bring into Scope employees commuting to on-demand workspaces.
- Continue to work with our GIANT personnel to raise awareness around sustainability
- Aim to become UK Carbon Neutral in 2050

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government Greenhouse Gas Reporting Conversion Factors<sup>2</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of GIANT:



Mark McAllister – Group Chief Technology Officer

Dated: 15/01/2024

<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> [Greenhouse gas reporting: conversion factors 2022 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2022)

<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>