

# Carbon Reduction Plan

Supplier name: GT3

Publication date: 17/06/24



## Commitment to achieving Net Zero

GT3 is committed to achieving 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.

<b>Baseline Year: 2023</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<i>GT3's Newcastle Studio moved to new premises towards the end of 2022. Prior to this the studio had been in serviced offices and data on Gas and Electricity consumption was not readily available. Therefore, we are using the calendar year 2023 as our baseline.</i>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>1.1 Emissions resulting from Gas Boiler space heating in our studios: 19.5</b>
<b>Scope 2</b>	<b>2.1 Emissions resulting from electricity consumption in our studios: 5.7</b> <i>*Data for monthly electricity consumption at our Newcastle studio during a proportion of 2023 is not available, so the average monthly electricity consumption from the months where data is available in 2023 and the first four months of 2024 has been used as a proxy.</i>
	<b>2.2 Emissions resulting from business related electricity consumption in vehicles owned by the business: 0.1</b>
	<b>Scope 2 Total: 5.8</b>

<b>Scope 3</b> (Included Sources)	<b>3.3: Fuel- and energy related activities (not included in scope 1 or scope 2): Working from Home:</b>	<b>19.4</b>
	<i>*This is an estimate based on an average of 10 staff members Working from Home per working day, by WSP estimates of home working energy usage.</i>	
	<b>3.4: Upstream transportation and distribution:</b>	<b>N/A</b>
	<i>*This would relate to delivery of office supplies, groceries and packages only. At present, data is unavailable for emissions associated with these deliveries, but we expect them to be very small.</i>	
	<b>3.5: Waste generated in operations:</b>	<b>7.5</b>
	<i>*This is an estimate based on an average of 500kg of waste per person per year, split into 25% paper and cardboard recycling, 25% plastics recycling and 50% to landfill.</i>	
	<b>3.6: Business travel:</b>	
	<i>*Data for some sub-categories of business travel is incomplete for the entire reporting period, so estimates in this category have been produced from available data from 2023 and 2024 and pro-rata'd where required.</i>	
	- 3.6.1: Car Travel:	5.7
	- 3.6.2: Train Travel:	6.2
- 3.6.3: Domestic Air Travel:	0.7	
- 3.6.4: Short Haul Air Travel:	0.4	
- 3.6.5: Long Haul Air Travel:	2.1	
- 3.6.6: Hotel Stays:	1.2	
<b>Total Business Travel:</b>	<b>16.3</b>	
<b>3.7: Employee commuting:</b>	<b>37.1</b>	
<i>*This is an estimate based on an average of 40 staff members commuting per working day, by 2022 national average transport modes and distances derived from DfT data table NTS0409</i>		
<b>3.9: Transportation and distribution of sold products:</b>	<b>N/A</b>	
<i>*GT3's product is intellectual property and is generally distributed digitally rather than on a physical medium, therefore we consider this category not to be applicable to our business.</i>		
<b>Scope 3 Total:</b>	<b>80.3</b>	
<b>Total Emissions</b>	<b>105.6</b>	

## Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	<p><b>1.2 Emissions resulting from Gas Boiler space heating in our studios: 19.5</b></p>
Scope 2	<p><b>2.1 Emissions resulting from electricity consumption in our studios: 5.7</b></p> <p><i>*Data for monthly electricity consumption at our Newcastle studio during a proportion of 2023 is not available, so the average monthly electricity consumption from the months where data is available in 2023 and the first four months of 2024 has been used as a proxy.</i></p>
	<p><b>2.2 Emissions resulting from business related electricity consumption in vehicles owned by the business: 0.1</b></p>
	<p><b>Scope 2 Total: 5.8</b></p>
Scope 3 (Included Sources)	<p><b>3.3: Fuel- and energy related activities (not included in scope 1 or scope 2): Working from Home: 19.4</b></p> <p><i>*This is an estimate based on an average of 10 staff members Working from Home per working day, by WSP estimates of home working energy usage.</i></p>
	<p><b>3.4: Upstream transportation and distribution: N/A</b></p> <p><i>*This would relate to delivery of office supplies, groceries and packages only. At present, data is unavailable for emissions associated with these deliveries, but we expect them to be very small.</i></p>
	<p><b>3.5: Waste generated in operations: 7.5</b></p> <p><i>*This is an estimate based on an average of 500kg of waste per person per year, split into 25% paper and cardboard recycling, 25% plastics recycling and 50% to landfill.</i></p>
	<p><b>3.6: Business travel:</b></p> <p><i>*Data for some sub-categories of business travel is incomplete for the entire reporting period, so estimates in this category have been produced from available data from 2023 and 2024 and pro-rata'd where required.</i></p>
	<p>- 3.6.1: Car Travel: 5.7</p>
	<p>- 3.6.2: Train Travel: 6.2</p>
	<p>- 3.6.3: Domestic Air Travel: 0.7</p>
	<p>- 3.6.4: Short Haul Air Travel: 0.4</p>
	<p>- 3.6.5: Long Haul Air Travel: 2.1</p>

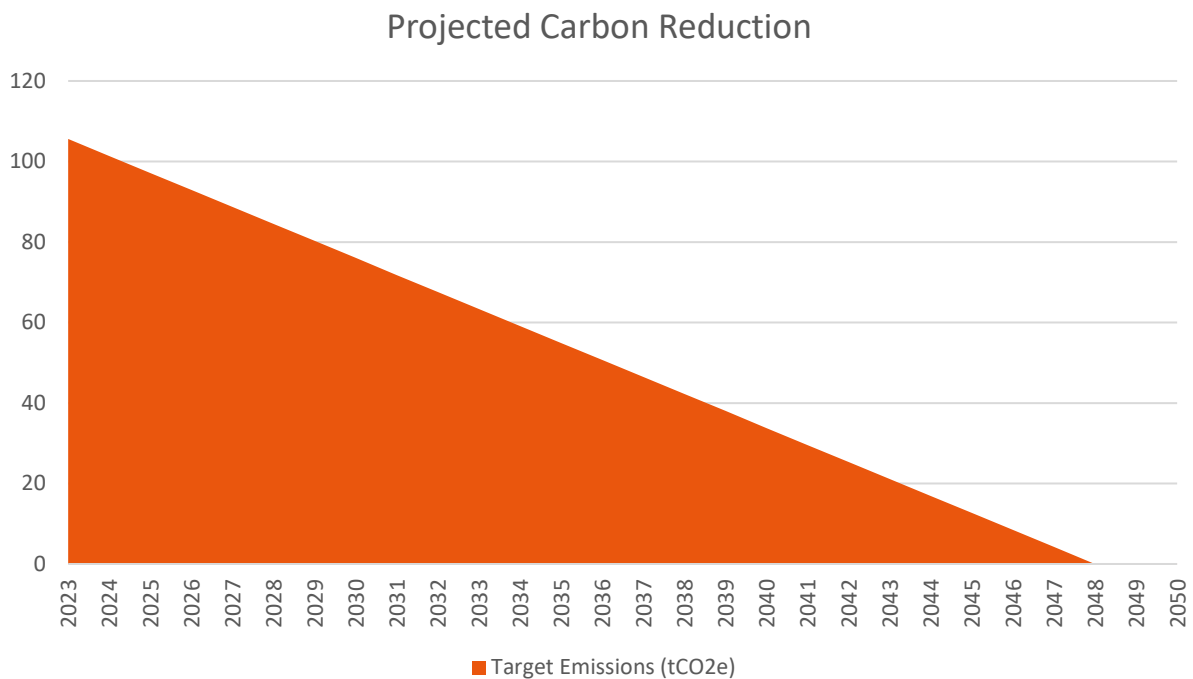
	- 3.6.6: Hotel Stays:	1.2
	<b>Total Business Travel:</b>	<b>16.3</b>
	<b>3.7: Employee commuting:</b>	<b>37.1</b>
	<i>*This is an estimate based on an average of 40 staff members commuting per working day, by 2022 national average transport modes and distances derived from DfT data table NTS0409</i>	
	<b>3.9: Transportation and distribution of sold products:</b>	<b>N/A</b>
	<i>*GT3's product is intellectual property and is generally distributed digitally rather than on a physical medium, therefore we consider this category not to be applicable to our business.</i>	
	<b>Scope 3 Total:</b>	<b>80.3</b>
<b>Total Emissions</b>		<b>105.6</b>

## Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to **84.5 tCO<sub>2</sub>e** by the end of 2028. This is a reduction of 20%

Our current projected carbon reduction strategy can be seen in the graph below and we will intend to plot progress against this projection (or any revision to this projection to make it more ambitious) in the coming years:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed and these measures will be in effect when performing the contract:

- ISO 14001 Accreditation.
- LED Lighting in our Newcastle studio.
- Policy of favouring train travel over car travel for business trips wherever practicable.
- Increased use of video conferencing over travelling to in person meetings.
- Participating in the Nexus salary sacrifice corporate metro season ticket scheme (for the Tyne & Wear Metro), to encourage staff to commute by public transport.
- Provision of secure internal cycle storage, lockers and showers in our Newcastle studio to encourage Active Travel commuting.
- Including energy efficiency as one of the selection criteria when purchasing new equipment.
- Reducing our use of paper and other office supplies.

### Proposed Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

- Accurately measure actual staff commuting emissions rather than relying on national average based proxy data.
- Further incentivising staff to commute via public transport and/or active travel modes.
- Support Staff to measure and reduce the carbon emissions resulting from any work from home that they undertake.
- Support Staff to measure and reduce their personal carbon footprint.
- Replacing the existing gas boilers at our studios with air source heat pumps if practical.
- Reducing water heating demand at our studios by introducing on-site solar pre-heat panels if practical.
- Introducing on-site electricity generation such as PV solar panels at our studios if practical.
- Improving the thermal performance of the building fabric at our studios if practical.
- Further reducing our use of paper and other office supplies, equipment and furniture where possible. Purchasing recycled / refurbished and recyclable

equipment, products and materials where these alternatives are available, economical and suitable.

- Composting our food waste.
- Ensuring all Business travel via cars is in electric vehicles (via Co-Wheels or similar)
- Reviewing our electrical supply tariff on an annual basis to ensure our Scope 2 market-based emissions are minimised and/or eliminated.
- Offsetting any emissions we cannot eliminate via reputable Carbon Sequestration schemes.

## **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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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

**Signed on behalf of the Supplier:**



Date: 17<sup>th</sup> JUNE 2024