

# Tony Gee Pledge to Net Zero



## 2021 Annual Report

Tony Gee has signed up to '[Pledge to Net Zero](#)' and are committed to the use of science-based targets to achieve net zero for our operational carbon by 2050. The pledge was established to commit organisations from the environmental sector to take a leading role in the transition to a Net Zero carbon economy. As a signatory Tony Gee has pledged to:

- Set and commit to delivering a greenhouse gas target in line with either a 1.5°C or well below 2°C climate change scenario – covering buildings and business travel as a minimum;
- Publicly report greenhouse gas emissions and progress against this target each year; and
- Publish one piece of research or thought-leadership each year on practical steps to deliver a net zero greenhouse gas economy.

This report outlines our progress in 2021 against our baseline assessment of operational carbon, the key aspects included and the targets we have set.

### 2020 Update

During 2021 our carbon 2020 carbon emissions externally verified by CarbonFootprint.co.uk (<https://www.tonygee.com/2020-carbon-emissions-externally-verified>). In doing this we have strengthened our monitoring and calculations giving us a more accurate result in future years.

### 2021 Carbon Emissions from Tony Gee UK Operations

We have assessed our emissions for Scope 1, 2 and 3 as summarised in the table below. Note that we have had an organic Full Time Equivalent growth on average of 7% over 2021.

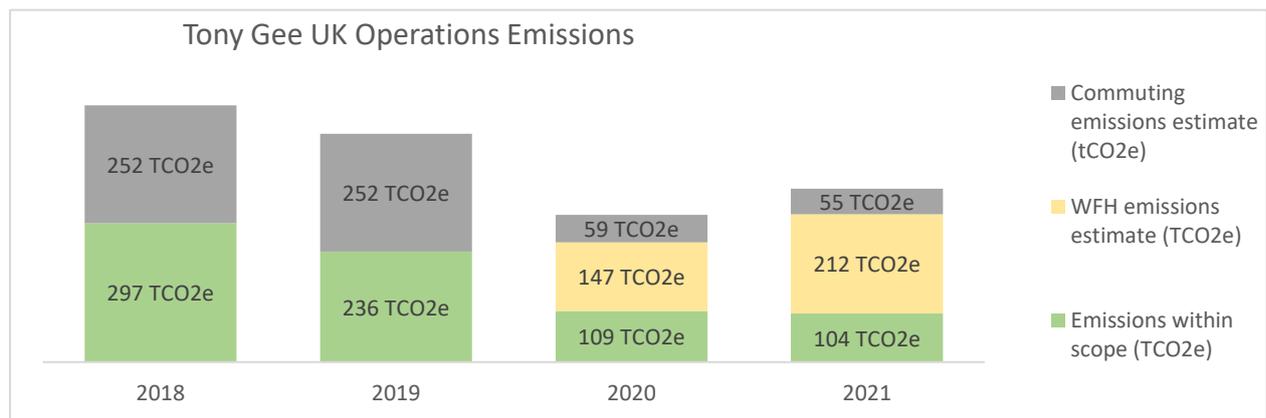
	Included Aspects	2018 Carbon Emissions	2021 Carbon Emissions
Scope 1	Emissions from company lease cars (business miles) Office gas supplies	56 tCO <sub>2</sub> e	36 tCO <sub>2</sub> e
Scope 2	Office electricity supplies	125 tCO <sub>2</sub> e	23 tCO <sub>2</sub> e
Scope 3	Transmission and losses associated with office electricity supply. Water supply and treatment (where data is available) Business travel (road, air and rail)	116 tCO <sub>2</sub> e	45 tCO <sub>2</sub> e
Total Carbon Emissions		297 tCO <sub>2</sub> e	104 tCO <sub>2</sub> e (65% reduction)
Volume of verified carbon offsets to be purchased		-	460FTE x 2tCO <sub>2</sub> e/FTE = 920tCO <sub>2</sub> e offset

# Tony Gee Pledge to Net Zero



	<i>Aspect</i>	<b>2018 Carbon Emissions</b>	<b>2021 Carbon Emissions</b>
<i>Out of scope items for reference (estimated):</i>	<i>Commuting estimate</i>	252 tCO <sub>2e</sub>	55 tCO <sub>2e</sub>
	<i>Work from Home Electricity &amp; heating</i>	0 tCO <sub>2e</sub>	212 tCO <sub>2e</sub>
	<b>Total estimated emissions including these out of scope estimates</b>	<b>549 tCO<sub>2e</sub></b>	<b>371 tCO<sub>2e</sub> (32% reduction)</b>

There has been a significant drop in emissions in 2021 compared to our baseline year, and a slight reduction (5tCO<sub>2e</sub>) from 2020. A large portion is associated with the change in working practices due to the coronavirus pandemic. We anticipate 2022 will be closer to ‘normal’ albeit it with the intention for us to continue a level of flexible home working going forward. Commuting and Work From Home emissions are not included ‘in-scope’ yet as we don’t feel confident with these values at this time, but estimates are given above. We will include this when we are satisfied with the appropriateness of both as they go hand in hand – when more staff work from home, commuting reduces, and when working in an office commuting increases. Including just one will skew the results. Our current best estimate of working from home (WFH) emissions are shown. The apparent rise in estimated emissions in 2021 is largely due to refining our calculation to be more representative.



In all aspects we have used the best data available to us to measure or estimate the associated carbon. We are using a market-based approach. Where direct measurement has not been possible (e.g. energy supply for landlord operated offices), estimates have been made. UK Government GHG Conversion Factors for Company Reporting (2021)<sup>1</sup> have been used to relate measured aspects to their associated equivalent carbon emissions (CO<sub>2e</sub>).

Aspects that are currently excluded from this pledge are: personal miles driven using company lease cars; staff commuting miles; emissions due to the products (civil engineering designs or professional services) that we produce and are that constructed by others; office supplies that we use; the remainder of our supply chain and waste generated from our offices. Whilst these aspects are excluded in line with the pledge guidance, actions to reduce our impacts in these areas are still being taken.

<sup>1</sup>[Greenhouse gas reporting: conversion factors 2021 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2021)

# Tony Gee Pledge to Net Zero



## Target

Our short-term target is 30% reduction in operational greenhouse gas emissions for our UK operations in the five-year period from our baseline, i.e. by 2023. We are currently on track to achieve this. We also commit to offsetting our residual emissions over this period.



## Key Actions Completed in 2021

- All offices we control on zero carbon electricity tariffs.
- Externally verified our 2020 emissions to strengthen our future monitoring and calculations.
- Commitment to carbon investment of 2tCO<sub>2</sub>e offsets per year per FTE.
- Refining Work From Home emissions estimation.

## Key Upcoming Actions in the Next Period

- Introduce training for staff on reducing carbon in designs and personal contributions to operational emissions.
- Externally validate 2021 emissions.
- Update commuting survey to reflect new ways of working.

Signed

Chris Young

Executive Managing Director

Natalie Cropp

Sustainability Director