

Tony Gee Pledge to Net Zero



2020 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 2020 against our baseline assessment of operational carbon, the key aspects included and the targets we have set.

2020 Carbon Emissions from Tony Gee UK Operations

We have assessed our emissions for Scope 1, 2 and 3 as summarised in the table below.

	Included Aspects	2018 Carbon Emissions ¹	2020 Carbon Emissions ²
Scope 1	Emissions from company lease cars (business miles) Office gas supplies	56 tCO ₂ e	25 tCO ₂ e
Scope 2	Office electricity supplies	150 tCO ₂ e	55 tCO ₂ 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)	115 tCO ₂ e	48 tCO ₂ e
Total Carbon Emissions		322 tCO₂e	128 tCO₂e (60% reduction³)

There has been a significant drop in emissions in 2020 associated with the change in working practices due to the coronavirus pandemic. The long-term implications of the pandemic on our working practices, and carbon emissions, is yet to be fully understood although our ways of working will undoubtedly change. We will continue to improve our measurement of our carbon footprint and the scope it covers to reflect our operations as the business adapts post-covid.

¹ We have reduced our 2018 baseline emissions following more detailed analysis and receipt of better data for that period. As we progress through this journey to Net Zero, the systems and methods that Tony Gee have in place to measure our carbon footprint are evolving and strengthening and this has allowed us to refine the values to be more accurate.

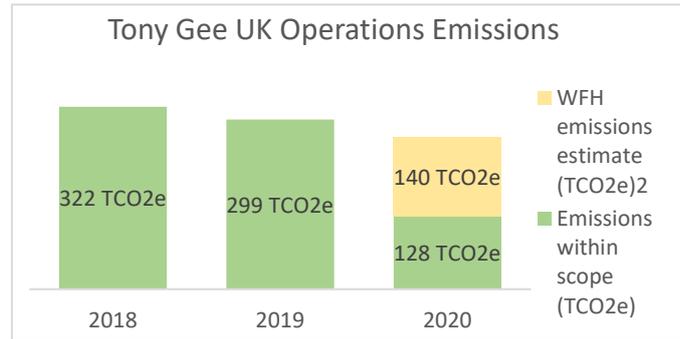
² Figures for 2020 are significantly lower and are largely related to the coronavirus pandemic and the move to working from home. An estimate of the Scope 1 + 2 emissions associated with energy consumption and additional heating used by staff at home is in the order of 140 tCO₂e, adding this to our 2020 total results in an overall reduction of 17% from baseline.

³ Electricity data for some offices has not been made available yet for 2020 Q4 and will be updated when received however this is not envisaged to make a significant impact.

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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 (2018)⁴ have been used to relate measured aspects to their associated equivalent carbon emissions (CO₂e).



Aspects that are 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.

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 2020

- Glasgow and Stonehouse offices switched to 100% renewable electricity.
- Energy and Travel Management Plan implemented.
- Working from home and necessary IT infrastructure improvements reducing business travel.
- Detailed commuting survey completed (pre-lockdown)

Key Upcoming Actions in the Next Period

- Esher (Head Office) to switch to 100% renewable electricity in 2021.
- Continuing momentum of reduced business travel
- Improved monitoring of business travel to allow us to reduce this further.

Signed

Chris Young

Executive Managing Director

Natalie Cropp

Sustainability Director

⁴<https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2018>