Carbon Reduction Plan

Commitment to achieving Net Zero

The John Turner Construction Group is committed to achieving Net Zero emissions by 2050.

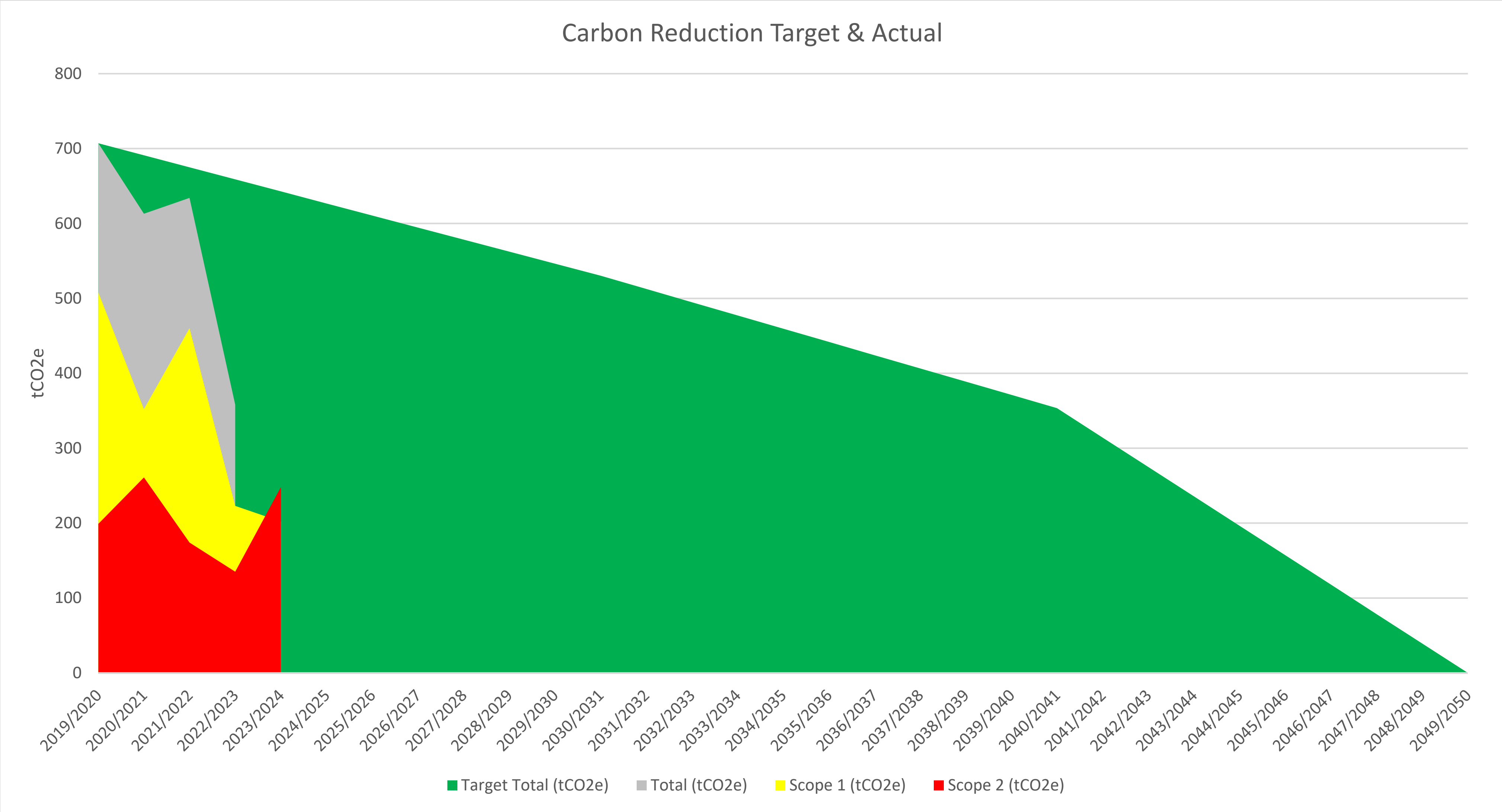
Baseline Emissions

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.

Baseline Year: 2019 / 2020	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	508.3
Scope 2	199.5
Scope 3 (Included Sources)	Scope 3 emissions were not reported during Baseline year.
Total Emissions	707.8

Reporting Year: 2023 / 2024	
Reporting year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	202
Scope 2	248
Scope 3 (Included Sources)	Scope 3 emissions were not reported during Reporting year.
Total Emissions	450

Carbon Reduction Plan



Carbon Reduction Plan

Emissions reduction targets

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

Our target is to reduce Scope 1 and 2 emissions by 25% by 2030 and by 50% by 2040, calculated on a 2019 / 2020 baseline. We will identify operational Scope 3 emissions in partnership with our supply chain by 2025.

Carbon reduction projects

The John Turner Construction Group possess the following environmental management certifications and have undertaken several carbon reduction / sustainability projects:

- accredited to ISO 50001 certification (since March 2016)
- accredited to ISO 14001 certification
- Key Performance Indicators for both environment and energy categories as part of our Integrated Management System's continual improvement commitment: including electricity usage in offices and on sites, DERV and natural gas usage
- ongoing reduction of fleet CO_2 emissions
- introduced a 'salary sacrifice' scheme for employees to lease electric vehicles
- energy efficient SMART campaign throughout offices and construction sites
- replacement of our LEV system with an energy efficient 'soft start' system with variable flow rates
- ongoing phasing out of 'traditional' lighting technologies such as sodium, florescent and incandescent lamps, replacing with high efficiency LED lighting.

Future carbon reduction projects

- we are currently undertaking a feasibility study on installing a photovoltaic system at the company's head office
- appraisal to be undertaken for a wind turbine to generate energy for our Preston head office
- appraisal to be undertaken to remove our gas powered boilers and retrofit air source heat pumps
- switch to a 100% green energy provider.

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 (in line with the company report and accounts) and the subset of Scope 3 emissions have not been reported.

This Carbon Reduction Plan has been reviewed by the board of directors.

Date: 11th January 2023

Last Review: 2nd January 2025