

Carbon Reduction Plan  Cabinet Office

Supplier name: Synertec Limited

Publication date: 25/04/2022

### Commitment to achieving Net Zero

Synertec Limited is committed to achieving net zero emissions by 2035 (Scope 1 and 2) and 2040 (Scope 3).

### 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.

Baseline Year: 2019

Additional Details relating to the Baseline Emissions calculations.

Business carbon emissions have been quantified and a business carbon emissions inventory created. Significant emission sources have been identified and highlighted. Our baseline emission calculations have been prepared in accordance with the methodology of BS EN ISO 14064-1:2019; Quantification and reporting of greenhouse gas emissions and removal with guidance from the Greenhouse Gas Protocol and SECR guidelines.

The assessment quantification adheres to the Department for Environment, Food and Rural Affairs (Defra) guidance on quantifying and reporting greenhouse gas emissions.

This assessment provides a baseline inventory against which carbon reduction achievements can be measured, monitored and reported. The quantification and analysis provided facilitates the setting of a strategic target for carbon reduction, identification of areas of focus for carbon reduction efforts and facilitates monitoring of progress towards those targets.

We have taken the decision to baseline 2019 as this was unaffected by the pandemic, our plan is to publish our current emissions reporting based on 2022.

## Baseline Emissions Reporting

Reporting Year: 2019	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	68.05
Scope 2	281.48
Scope 3 (Included Sources)	107.41 (Waste, Water and expensed fuel)
Total Emissions	456.94

## Emissions reduction targets

In order to progress to achieving net zero, we have adopted the following carbon reduction targets.

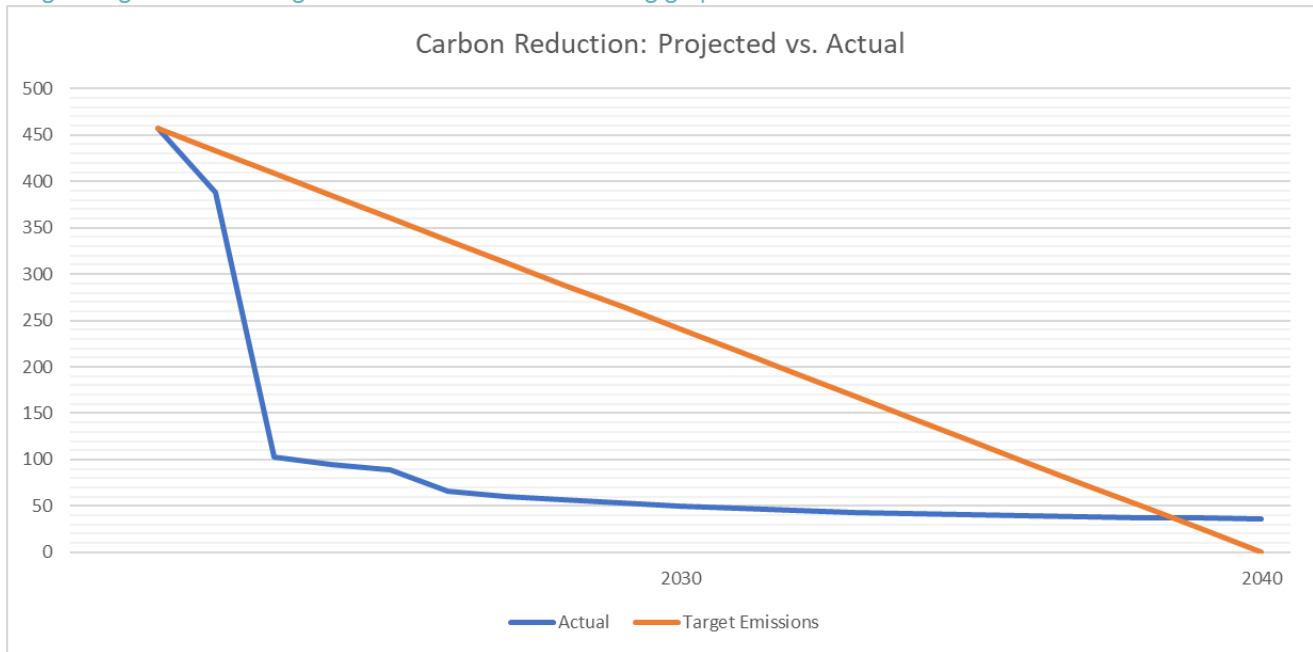
We have set our net zero target for direct operations Scope 1 and Scope 2 emissions by 2035 and committed to a Science Based Target to become net zero for indirect Scope 3 emissions by 2040.

In 2020 we acquired a third production site in Milton Keynes as such this addition to our estate will increase our scope 1 and scope 2 emissions in the short term, but we are committed to meeting our net zero targets by 2035.

We anticipate Scope 3 Supply Chain emissions to significantly increase our carbon footprint as we capture and report more detailed emissions in our procurement process. Excluding the unknown impact of our supply chain emissions, we project that carbon emissions will decrease over the next five years. This is based on our current Scope 3 reporting of waste, water, expensed fuel, business travel and EV charging.

We project that carbon emissions will decrease over the next five years to 60.6 tCO<sub>2</sub>e by 2027. This is a reduction of 86.74%

Progress against these targets can be seen in the following graph:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 68.42 tCO<sub>2</sub>e, a 14.97% reduction against the baseline.

- Move to virtual meetings using Microsoft Teams
- 67% of vehicle fleet transitioned to Hybrid
- Adoption of a Hybrid working model, resulting in a 40% reduction in travel to our offices.

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

- Ongoing optimisation of building energy use
  - Estimated 10% reduction in behavioural activities, these include switching off lights and monitors when not in use and replacement LED lighting
  - Implementation of Solar panels and battery technology across property estate
  - Change of provider to renewable energy sourced provider, incorporating Eco tariff's
- Optimisation of emissions as part of business travel.
  - Planned transition to fully Hybrid vehicle fleet by 2025
  - Further transition to full EV by 2027
  - Reduce commuting emissions through introduction of EV leasing across the company and increasing the proportion of home working across the business.
  - Introduction of cycle to work initiative.
- Improve data and reporting to improve accuracy of carbon accounting
  - Engage with our suppliers to ensure they set science-based carbon reduction targets and commit to net zero

- Waste Disposal initiatives
  - Hybrid working model
  - Supply chain initiatives related to packaging and end of life treatment
  - Enhanced recycling options / separation of waste

## 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 emission conversion factors for greenhouse gas company reporting<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 Executive management team.

**Signed on behalf of the Supplier:** *Craig Richmond*

Date: 13th May 2022

**Intended Audience:** Synertec Limited customers, employees, and any interested 3rd parties.

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

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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