



# Carbon Reduction Plan | Cabinet Office

Supplier name: Synertec Limited

Publication date: 29/02/2024

## 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: 2022/23

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 update our baseline from 2019 to 1<sup>st</sup> April 2022 – 31<sup>st</sup> March 2023 because this is a more reflective baseline for the company:

- In 2020 we acquired a third production site in Milton Keynes as such this addition to our estate increased our scope 1 and scope 2 emissions in the short term; and
- As anticipated, Scope 3 Supply Chain emissions significantly increased our carbon footprint as we captured and reported more detailed emissions in our procurement process.

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	33.24
Scope 2	0.00
Scope 3 (Included Sources)	784.36 (Water, Commuting, Home working, Waste Management, Business travel and Purchased Goods/ Services)
Total Emissions	817.60

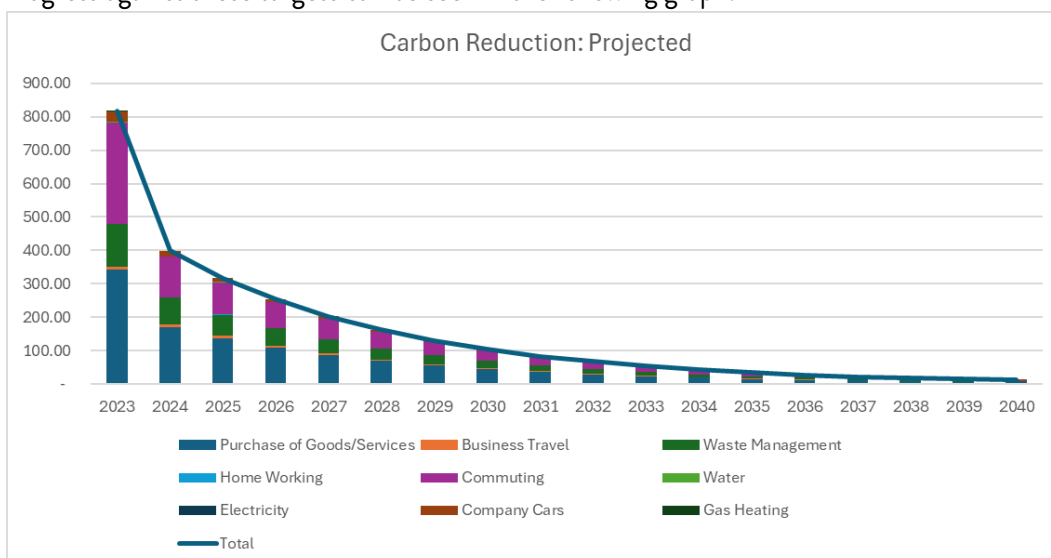
### Emissions reduction targets

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.

We project that carbon emissions will decrease over the next five years to 162.23 tCO<sub>2</sub>e by 2028. This is a reduction of 80.16%

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 across the business. Including:

- 89% of vehicle fleet transitioned to Hybrid
- Adoption of a Hybrid working model, resulting in a 40% reduction in travel to our offices.
- Ongoing optimisation of building energy use
  - Implementation of Solar panels and battery technology across 50% of the property estate
  - Energy provider uses a minimum of 75% renewable energy and the tariff is a zero-emission tariff.
- Optimisation of emissions as part of business travel.
  - Reduced 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.
  - Moved to virtual meetings using Microsoft Teams as default.
    - Employees must challenge why a physical meeting is required before business travel is undertaken.

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

- Certification for ISO 14001 in progress.
- Ongoing optimisation of building energy use
  - Behavioural activity changes including switching off lights and monitors when not in use and replacement LED lighting with switch or PIR controls.
  - Implementation of Solar panels and battery technology across the remainder of the property estate
  - Change of provider to renewable energy sourced provider, incorporating Eco tariff's
  - Removal of gas services across the property estate
- Optimisation of emissions as part of business travel.
  - Planned transition to fully Hybrid car fleet by 2025
  - Further transition to full EV by 2027
  - Ongoing marketing of EV leasing and cycle to work schemes to be implemented.
- 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
- Hybrid working model enhancements.
- Waste Disposal initiatives
  - Supply chain initiatives related to packaging and end of life treatment.
  - Enhanced recycling options / separation of waste
- Purchased Goods and Services
  - Investigate and implement plumbed water coolers across the property estate.
  - Investigate the feasibility of use of refurbished IT equipment rather than new.
- Carbon Offsetting
  - Implementation of a certified scheme of purchasing offsetting credits that aligns with the company's values.

## 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 Finance Director on behalf of the Board and the Executive Management Team.

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

Date: 29<sup>th</sup> Feb 2024

**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>