



2. Commitment to achieving net zero

2.1. S M Control Engineering Ltd is committed to achieving net zero emissions by 2050.

3. Baseline emissions footprint

- 3.1. 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.
- 3.2. Baseline emissions are the reference point against which emissions reduction can be measured.

**Baseline year: 2022**

**Additional details relating to the baseline emissions calculations:**

Financial Year 22/23 is the baseline year for future carbon reporting. The emissions detailed with this carbon reduction plan are calculated in accordance with the GHG Protocol Technical Guidance for Calculating Scope 3 Emissions.

**Baseline year emissions:**

Emissions	Total (tCO <sub>2</sub> e)
Scope 1	1230
Scope 2	1940
Scope 3 (included sources)	5130
<b>Total emissions</b>	<b>8300</b>

**Current emissions reporting**

**Reporting year: 2025**

Emissions	TOTAL (tCO <sub>2</sub> e)
Scope 1	930
Scope 2	1240
Scope 3 (included sources)	4030
<b>Total emissions</b>	<b>6200</b>

4. Emissions reduction targets

- 4.1. In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets.
- 4.2. We project that carbon emissions will decrease over the next five years to **4,340 tCO<sub>2</sub>e by 2030**. This is a reduction of **30%**.

## 5. Carbon reduction projects

### 5.1. Completed carbon reduction initiatives

- 5.1.1. The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equates to 2,100 tCO<sub>2</sub>e, a 25.3% reduction against the 2022 baseline and the measures will be in effect when performing the contract.
- 5.1.2. 100% of lights are LED, significantly reducing energy consumption and associated carbon emissions.
- 5.1.3. Our head office has undergone energy optimisation, including maximising natural daylight and strategic reorganisation of the office layout. These measures have effectively reduced demand for artificial lighting, heating, and cooling systems.
- 5.1.4. All company vehicles are equipped with Lightfoot technology, leading to a 15% reduction in CO<sub>2</sub> emissions, and 45% less wear and tear, thereby extending vehicle lifespan and reducing embedded carbon from premature replacements.
- 5.1.5. We have introduced our third electrical vehicle (EV) into the fleet. It operates with zero tailpipe emissions, is more energy efficient, and has a lower lifecycle carbon footprint compared to internal combustion engine vehicles.
- 5.1.6. We promote low-carbon culture through visual prompts around the workplace and deliver ongoing staff training, such as 'Toolbox Talks' for apprentices and engineers, to increase awareness of carbon reduction practises, including waste segregation and resource efficiency.
- 5.1.7. We actively support flexible and remote working, in addition to car sharing, reducing emissions associated with commuting and overnight accommodation.
- 5.1.8. We seek volunteering opportunities to engage with environmental projects, to increase carbon sequestration and improve environmental management: for example, we volunteered in Kent, developing gardens, planting trees and picking litter. This enhanced carbon sequestration, aided stabilisation of the local climate, reduced flood risk, prevented soil contamination and carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and volatile organic compound (VOCs) release.
- 5.1.9. On our London-based contracts, we collaborate with waste management partners to divert 100% of waste from landfill, prioritising reuse, refurbishment, remanufacturing and recycling of products, in line with circular economy principles.
- 5.1.10. Our offices are equipped with waste segregation systems, and we've introduced flexible plastic (polypropylene) recycling, to reduce carbon emissions from landfill-bound plastic waste.

### 5.2. Future carbon reduction initiatives

- 5.2.1. In the future we hope to implement further measures such as:
- 5.2.2. We will continue our fleet transition to electric vehicles by 2035.
- 5.2.3. We will transition contracts to a 100% renewable energy provider, such as Octopus Energy, to reduce scope 2 emissions.
- 5.2.4. Implementing progressive waste reduction targets aims to reduce overall waste consumption by [8]% year on year; reduce landfill waste by [15%] year on year.
- 5.2.5. We will install photovoltaic (PV) solar panels at our head office to reduce reliance on grid energy and cut emissions from purchased electricity.
- 5.2.6. Remove all single-use items from our operations; reducing waste volumes and emissions associated with production, transport and disposal.
- 5.2.7. Ensure all office appliances achieve EPC rating C or above by 2028; EPC rated B or above by 2030.

5.2.8. We will commit to partnering, sponsoring, and volunteering exclusively with organisations and charities that have a formal net-zero target by 2050, and are actively progressing towards it.

6. Declaration and sign off

- 6.1. This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standard for Carbon Reduction Plans.
- 6.2. 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>13</sup> and uses the appropriate government emission conversion factors for greenhouse gas company reporting.<sup>14</sup>
- 6.3. Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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>15</sup>
- 6.4. This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

<sup>13</sup> <https://ghgprotocol.org/corporate-standard>

<sup>14</sup> [www.gov.uk/government/collections/government-conversion-factors-for-company-reporting](http://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)

<sup>15</sup> <https://ghgprotocol.org/standards/scope-3-standard>

<b>CARBON REDUCTION PLAN DOCUMENTATION REVIEW</b>			
To ensure that we comply with the requirements imposed by legislation our Carbon Reduction Plan Statement and Documentation will be reviewed periodically and at least annually.			
<b>DATE OF REVIEW</b>	<b>REVIEWED BY</b>	<b>BRIEF DESCRIPTION OF CHANGES</b>	<b>NEXT REVIEW DATE</b>

