Carbon Reduction Plan

SUPPLIER NAME: THE SENATOR GROUP

PUBLICATION DATE: AUGUST 2025

Commitment to Achieving Net Zero

The Senator Group UK Manufacturing commits to reducing absolute scope 1 and 2 greenhouse gas emissions by 50% by 2030 and by 100% by 2040, from a 2019 baseline year. The Senator Group UK Manufacturing also commits to achieving net zero for scope 3 emissions by 2050, with a near-term target of achieving 40% of its direct UK commodity suppliers by spend to have set science-based targets, and/ or have a robust carbon reduction plan in place by FY2026.

These targets have been approved by the Pledge to Zero Scheme, and the business reports its progress against these targets to the Scheme annually.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past, prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Table 1: Baseline emissions

Baseline Year: 2019		
The Senator Group UK Manufacturing used 2019 as the baseline year to represent a realistic greenhouse gas inventory, unaffected by the Covid-19 pandemic. The 2019 baseline emissions cover scope 1 and 2, and partial scope 3 emissions, where the data was available, for UK Manufacturing and Logistics only.		
Emissions	**Category and Description**	**Total (tCO$_2$e)**
Scope 1	**Gas** – 1,657.40 **Biomass** – 69.53 **Propane** – 81.50 **Diesel** – 3,442.22	5,250.7
Scope 2	**Electricity** (location-based) - 1,750	1,750
Scope 3	**1. Purchased Goods and Services** – 67,951 **2. Capital Goods** – included in Cat 1 **3. Fuel and Energy Related Activities** – 1,415 **4. Upstream Transportation & Distribution** – 1,328 **5. Waste Generated in Operations** – 13 **6. Business Travel** – Insufficient data to calculate. **7. Employee Commuting** – Insufficient data to calculate. **9. Downstream Transportation & Distribution** – Insufficient data to calculate. **11. Use of Sold Products** – Insufficient data to calculate.	70,706
Total Emissions (location-based)		77,706.65

Table 2: Current Emissions

Reporting Year: 2024		
The Senator Group UK Manufacturing reports the greenhouse gas inventory for the previous financial year in the year following. The 2024 greenhouse gas inventory has been third-party verified by Environmental Strategies Limited. The reporting year inventory covers scope 1 and 2, and scope 3 emissions for UK Manufacturing and Logistics only. This report will be updated annually to reflect progress in decarbonisation and data accuracy.		
Emissions	**Category and Description**	**Total (tCO$_2$e)**
Scope 1	**Gas** – 1,448.7 **Biomass** – 13.3 **Propane** – 32.4 **Diesel** – 2,038.8 **Petrol** – 463.8 **HVO** – 1.3	3,997.9
Scope 2	**Electricity** (location-based) – 1,004.7 **Electricity** (market-based) – 10.3 **Electric Vehicles** – 0.5	Location: 1,005.2 Market: 10.8
Scope 3	**1. Purchased Goods and Services** – 31,638.2 **2. Capital Goods** – 1,164.6 **3. Fuel and Energy Related Activities** – 1,218.5 **4. Upstream Transportation and Distribution** – 5,579.5 **5. Waste Generated in Operations** – 16.4 **6. Business Travel** – 984.7 **7. Employee Commuting** – 1,071.8 **8. Upstream Leased Assets** – 369.1 **9. Downstream transportation and distribution** – Insufficient data to calculate. **11. Use of Sold Products** – 1,977.3 **12. End-of-life Treatment of Sold Products –** 821.6	44,841.8
Total Emissions (location-based)		49,844.9
Total Emissions (market-based)		48,850.5

Emissions Reduction Targets

In order to achieve the targets set, The Senator Group UK Manufacturing has adopted the following greenhouse gas reduction targets:

- The pledge equates to a 4.55% reduction in scope 1 and 2 emissions p.a. to achieve a 50% reduction by 2030. Between 2030 and 2040, a 5% p.a. reduction in scope 1 and 2 is required to achieve a 100% reduction by 2040.
- To support the scope 3 net zero target, the business is targeting 40% of key direct commodity suppliers, by spend, to have set science-based targets and/or have a robust carbon reduction plan in place by FY2026.

The 2019 scope 1 and 2 baseline emissions were 7,001 tCO$_2$e. To achieve the pledged targets, The Senator Group UK Manufacturing is required to reduce emissions to the following quantities, as a minimum, for each of the following years:

- 2025: 5,091 tCO$_2$e;
- 2030: 3,500 tCO$_2$e; and
- 2035: 2,100 tCO$_2$e.

The Senator Group UK Manufacturing intends to secure its target of a 50% reduction in absolute scope 1 and 2 carbon emissions by 2030, despite its growth aspirations for this period. In line with the Pledge to Net Zero and SBTi guidance, future material acquisitions or methodology changes may require the business to revisit the baseline.

Progress against these targets can be seen in Figure 1 below. The adjusted trajectory assumes continued robust action on decarbonisation to 2040.

Figure 1: Emissions Projection – Scope 1 and 2 (UK Manufacturing and Logistics) (Market-based)
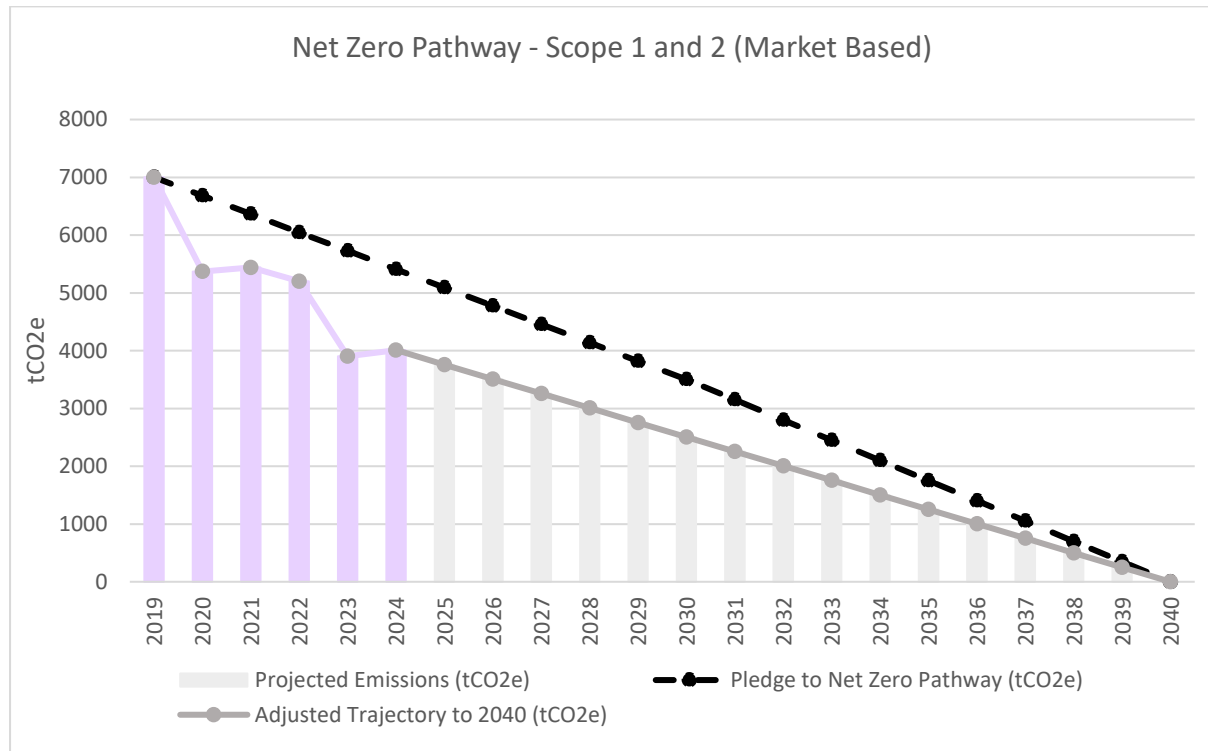
In 2024, scope 3 emissions accounted for approximately 90% of the total UK Manufacturing emissions, with Purchased Goods and Services (Category 1) being the largest contributor. In acknowledgement of this, the business has a supplier engagement target and is working with its suppliers to improve scope 3 data availability and to drive decarbonisation within the supply chain.

Carbon Reduction Projects

The greenhouse gas management measures and projects outlined in Table 3 have been completed or implemented since the 2019 baseline. The focus has been with scope 1 and 2 emissions, as this is where the business has the greatest control. The scope 1 and 2 emissions reductions achieved by the projects outlined below equates to reduction of approximately 2,991.94 tCO_2e per annum. This is a 42.7% reduction against the 2019 baseline (market-based).

The scope 3 footprint has fluctuated significantly since the 2019 baseline year, however, this has largely been as a result of increased data availability within the business and value chain. The Sustainability Team continue to work closely with each department and suppliers to improve the accuracy of the scope 3 footprint and to report against all relevant categories, with the best available data.

Table 3: Carbon Reduction Projects

Emissions Source	Initiatives
Offices	• Solar panel installation across four buildings. A further two buildings were fitted with solar panels in 2024, which are to go live in Q1 2025. • Delivered an internal stakeholder engagement programme comprising over 60 presentations to c.1,000 employees to raise awareness around sustainability at work and at home. • Switched to LED lighting and installed motion sensors in offices spaces. • Switched all electric heaters from manual to programmed mode. • Acquired in a new, energy efficient warehouse with a focus on low-carbon heating. Infra-red heating was selected in the warehouse, avoiding the need for gas heating. • Conducted thermal surveys of all buildings, generating a list of improvement projects.
Manufacturing	• Transition to Industry 4.0, improving efficiencies in the manufacturing process at the desking factory. • Investment into and installation of hundreds of smart sensors around the manufacturing sites to gather equipment specific consumption data to improve run times. • Improved the fitting of and installed automatic closure on warehouse loading bay doors to reduce heat losses. • Roof repairs to reduce heat losses and improve stability for solar panels. • Roll out of heated jackets in key areas to reduce the need for space heating. • Switched to LED lighting and installed motion sensors in warehouse spaces. • Reduction in overtime working and shift pattern changes. • Conducted decarbonisation surveys of all sites and manufacturing processes, generating a plan to phase gas out of our operations.
Logistics, Business Travel and Employee Commuting	• Transitioned company and pool cars to plug-in hybrid vehicles. • Installed electric charging points at UK manufacturing sites and at company car owners' homes. • Installed tyre pressure sensors to optimise efficiency. • Offer a Cycle to Work scheme for employees. • Continuous programme of fleet modifications for fuel efficiency. • Fleet procurement strategy to favour more fuel efficient vehicles. • Issued a digital employee commuting survey to improve the capture of UK commuting emissions. • Purchased 36,000l of HVO fuel for our commercial fleet, lowering emissions associated with transport.
Purchased Goods and Services	• Improved data collection for scope 3. • Worked with SME supply chain to deliver training workshops on GHG inventory calculation. • Invested in OneClick LCA to calculate the lifecycle emissions of products. • Use OneClick LCA when designing new products to understand the environmental impact of design decisions.
End of Life of Products	• Use of the 'Sustain' recycling facility to provide reuse, repurposing and recycling services for product end of life management. • Donate furniture for reuse via the 'Sustain Wishlist'.

	- Circular economy projects set up to reduce carbon, including packaging reuse, closed-loop recycling, and increased recycled content in products. - Reviewed product ranges to increase ability to deliver knock down furniture to increase space optimisation, and reduce packaging, waste and fuel use during transportation. - Offer a remanufacturing service to clients to reduce product embodied carbon and material waste.
Waste Generated in Operations	- Packaging is 100% recyclable. - Backhauling packaging waste after installation projects and reuse of packaging items around new products. - 87% of operational waste was recycled in 2023. - Feed material back to suppliers to be incorporated into purchased goods. - Regular internal and external ISO 14001 audits of waste management practices.

Further Measures

In the future, The Senator Group UK Manufacturing hopes to implement further measures, such as:

- Continue to deliver the ESG Strategy objectives, as supported by the ESG Steering Group.
- Continue to develop opportunities to feed material back into the supply chain with suppliers.
- Roll out another phase of solar panel installation at UK manufacturing sites.
- Research alternative packaging options to reduce wastage, increase reuse and prioritise easier to recycle materials.
- Complete the woodland tree planting project.
- Continue to build relationships with suppliers and customers to address the scope 3 footprint and identify opportunities for collaboration.
- Continue to improve data visibility and accuracy within scope 3, incorporating supplier EPDs where available.

Declaration and Sign Off

The Carbon Reduction Plan has been prepared in accordance with PPN 06/21 and the associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans, the GHG Protocol Corporate Standard[i], and the GHG Protocol Corporate Value Chain (Scope 3) Standard[ii]. The appropriate conversion factors, as issued by the UK Department for Energy Security and Net Zero in June 2024 for greenhouse gas company reporting[iii], have been applied.

The boundary of the greenhouse gas inventory reported in this Carbon Reduction Plan is The Senator Group's UK manufacturing and logistics operations only, excluding all other global operations.

This Carbon Reduction Plan has been reviewed and signed off by the Board of Directors.

Signed on behalf of the Supplier:

Date: 29/08/2025

Name: Kristian Roberts

Position: Finance Director

[i] https://ghgprotocol.org/corporate-standard

[ii] https://ghgprotocol.org/standards/scope-3-standard

[iii] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting