



# Carbon Reduction Plan 2024

W. R. Swann & Co. Ltd

Swann-Morton® LTD



Swann-Morton  
(Microbiological Laboratory  
Services) Limited



JEWEL BLADE LTD

Reporting Period - 01/10/2023 to 30/09/2024

**Supplier name:**

Swann-Morton Limited, a Group company fully owned by W. R. Swann & Co. Ltd. Swann-Morton Limited is registered in England and Wales under the company number 0696744.

**Publication date:** 9th April 2025

**Commitment to achieving Net Zero:**

Swann-Morton Limited, as part of the W. R. Swann Group are committed to achieving Net Zero by 2050.

**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 induction of any strategies to reduce emissions.

**Baseline emissions are the reference point against which emissions reductions can be measured.**

**URL:** <https://www.swann-morton.com/uploads/CRP.pdf>

**Baseline Year: Fiscal 2022-2023 (1st October 2022 to 30th September 2023)<sup>6</sup>****Additional Details relating to Baseline Emissions calculations:**

The baseline has been set as the financial year of 1st October 2022 to 30th September 2023, this is also our first reporting year.

**Baseline Year Emissions 2023: 1st October 2022 to 30th September 2023**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	376.29 (tCO <sub>2</sub> e)
Scope 2	1,181.26 (tCO <sub>2</sub> e)
Scope 3	11,686.59 (tCO <sub>2</sub> e)
(Included Sources)	Waste: 54.04 (tCO <sub>2</sub> e) Business Travel: 18.54 (tCO <sub>2</sub> e) Employee Commute: 155.70 (tCO <sub>2</sub> e) Upstream Transport & Distribution: 1,257.75 (tCO <sub>2</sub> e) Downstream Transport & Distribution: 172.89 (tCO <sub>2</sub> e) Purchased Goods & Services (Critical Suppliers Only): 10,027.67 (tCO <sub>2</sub> e)
<b>Total Emissions</b>	<b>13,244.14 (tCO<sub>2</sub>e)</b>



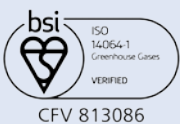
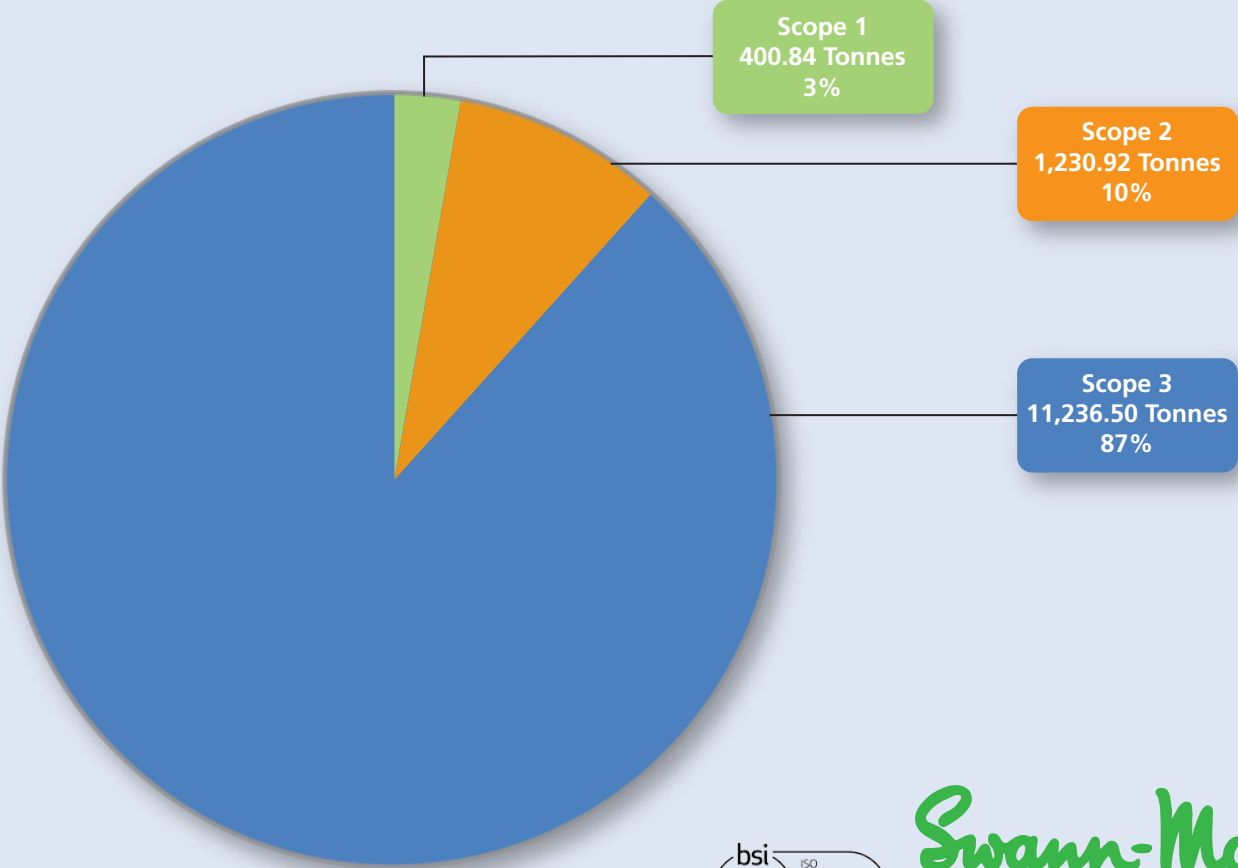
**Swann-Morton**

As part of the W.R. Swann Group, Swann-Morton has made a commitment to reduce its Greenhouse Gas emissions over the coming years and are working towards being **'Net Zero'** by 2050

Current Emissions Reporting:

Reporting Year: Fiscal 2023-2024 (1st October 2023 to 30th September 2024) <sup>6</sup>	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	400.84 (tCO <sub>2</sub> e)
Scope 2	1,230.92 (tCO <sub>2</sub> e)
Scope 3	11,236.50 (tCO <sub>2</sub> e)
(Included Sources)	Waste: 18.23 (tCO <sub>2</sub> e) Business Travel: 27.34 (tCO <sub>2</sub> e) Employee Commute: 174.03 (tCO <sub>2</sub> e) Upstream Transport & Distribution: 901.05 (tCO <sub>2</sub> e) Downstream Transport & Distribution: 214.16 (tCO <sub>2</sub> e) Purchased Goods & Services (Critical Suppliers Only): 9,901.69 (tCO <sub>2</sub> e)
Total Emissions	12,868.26 (tCO <sub>2</sub> e)

W. R. Swann Group Emissions 2024

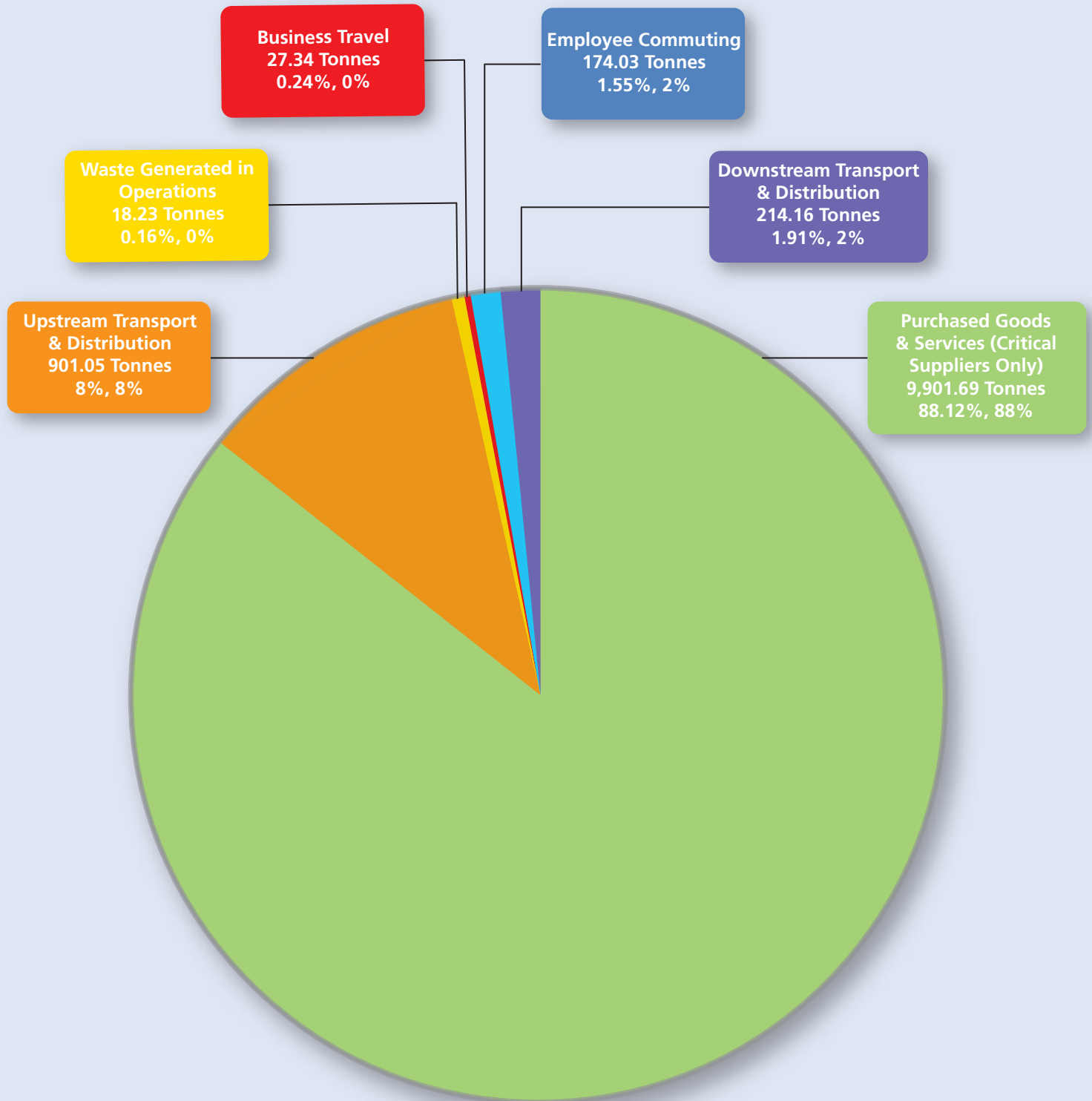


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## W. R. Swann Group - Scope 3 Emissions 2024

Categories below defined by Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard<sup>4</sup>.



## Emission Reduction Targets

### Emission Reduction Targets:

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

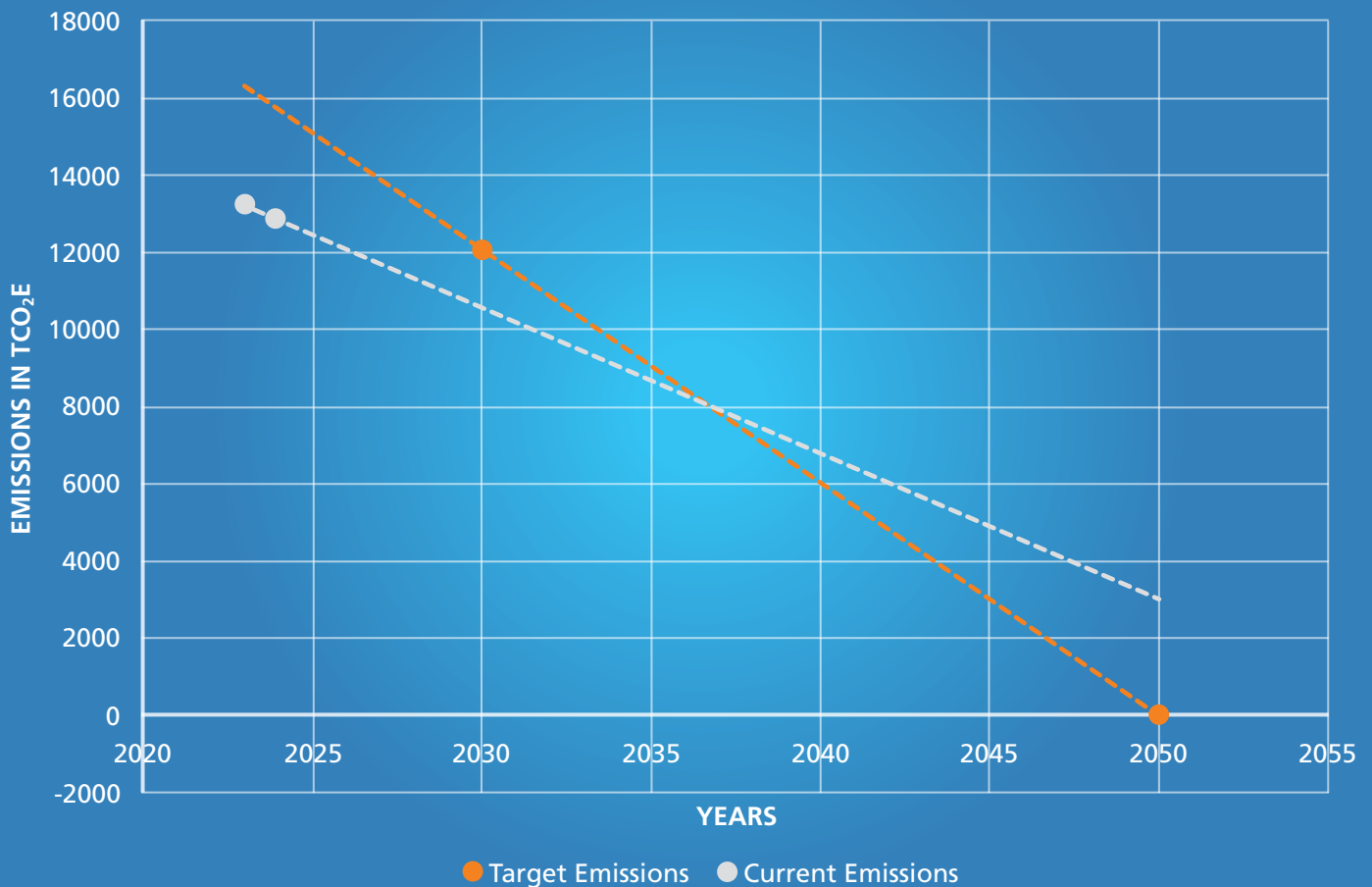
To reduce Scope 1 & 2 emissions through the existing EELSAMS System Environmental, Energy and Labour Standards Objectives and Targets which are set and consider the reduction of GHG emissions,

for example, Objectives to reduce the amount of Electricity, Gas and Hydrogen used by W. R. Swann Group every year.

We project a 10% reduction of our Scope 3 carbon emissions by 2030.

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

### Carbon Reduction Target vs Actual



### Carbon Reductions Projects

#### Completed Carbon Reduction Initiatives:

W. R. Swann Group have implemented initiatives to reduce our Greenhouse Gas (GHG) emissions which include accreditation to ISO 14001 Environmental Management System (Original Registration Date: 26/03/2003) and ISO 50001 Energy Management System (Original Registration Date: 18/11/2015).

W. R. Swann Group have also implemented a GHG Sustainability Management System in accordance with BS EN ISO 14064-1:2019, Greenhouse Gases, and have been verified by our notified body to an organizational level carbon footprint to this standard<sup>5</sup>.



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## Emission Reduction Targets

Swann-Morton Ltd have been designing, building and installing more energy efficient production machinery since 2015; The most recently developed models utilize at least 50% less compressed air.

By replacing current lighting with LEDs in various areas of the factory and offices, 5.51 tCO<sub>2</sub>e have been saved which is a reduction of Scope 2 emissions since the baseline year.

A compressed air management system has been installed to reduce compressed air usage which is one of the largest energy uses of Scope 2; this shall significantly contribute to the reduction of Scope 2 emissions.

Since 2016 Swann-Morton Ltd have reduced the size of product packaging by 20% which has equated to a saving of 1.7 million m<sup>2</sup> of foil.

Additionally, the discontinuation of cellophane wrapping since 1st January 2022 equates to a saving of 12.31 tonnes of cellophane, equating to 35.83 tCO<sub>2</sub>e.

**The above measures will be in effect when performing the contract.**

W. R. Swann Group have implemented a project to purchase steel with recycled content to reduce Scope 3 emissions by an estimated 10% within the next 5 years, which equates to 1,168.66 tCO<sub>2</sub>e against our base-line emissions. Within this reporting period we have reduced our Scope 3 emissions by 450.09, tCO<sub>2</sub>e which equates to a 3.85% decrease since the baseline year.

As part of our Environmental, Energy and Labour Standards Management System we aim to continually improve and have set the following objectives, these include but are not limited to:

- ✔ Continue with the replacement of current lighting with LEDs in various areas of the factory and offices.
- ✔ Continuing to improve the efficiency of grinding machines by manufacturing more energy efficient machines (this will result in a large reduction in energy usage as the new machines will use at least 50% less compressed air).
- ✔ Installing PIR sensors in areas of low footfall.
- ✔ Researching potential long term energy saving projects such as solar panels, green energy, and air source heat pumps, amongst others.
- ✔ Identifying improvements related to Sustainability for the W. R. Swann Group.
- ✔ Feasibility of sustainable fleet car options.
- ✔ Reduce packaging waste materials generated by the manufacturing process.
- ✔ Reducing the environmental impact of degreasing solvents used in the manufacturing process.

**Other Initiatives:**

- ✔ At the start on 2023 we made the decision to hold meetings paper free (where possible) and by doing so, we have saved approximately 49,500 sheets of paper and printing costs to date.
- ✔ Investigating, where possible, to identify and implement the use of more recyclable materials utilized by the organisations within the W. R. Swann Group.
- ✔ Introduced a 'Cycle 2 Work' scheme to incentivize employees of a more environmentally friendly and healthier alternative of getting to work and reintroduced our car share policy (put on hold due to Covid).
- ✔ Use of more environmental friendly materials throughout the production process, where it does not affect the products.



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## 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>. The appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup> (for that year) or Department for Environment Food & Rural Affairs, Supply chain emission factors for spending on products<sup>3</sup> have been utilised.

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) Accounting and Reporting Standards<sup>4</sup>.

This Carbon Reduction plan has been reviewed and signed on behalf of W. R. Swann Group.



**Richard Whiteley**  
**Managing Director**  
**Date 9th April 2025**

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

<sup>2</sup> <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024>

<sup>3</sup> [https://carbonsaver.org/tools/scope\\_3\\_CO2e\\_factors.php](https://carbonsaver.org/tools/scope_3_CO2e_factors.php)

<sup>4</sup> <https://ghgprotocol.org/corporate-value-chain-scope-3-standard>

<sup>5</sup> <https://www.swann-morton.com/uploads/ISO-14064-1-Verification-Opinion.pdf>

<sup>6</sup> [https://www.swann-morton.com/uploads/GHG\\_InventoryReport.pdf](https://www.swann-morton.com/uploads/GHG_InventoryReport.pdf)



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