



Carbon Reduction Plan

Supplier name: Sigma PLC

Publication date: 31/03/2023

Website: www.sigmapl.com/sustainability

Commitment to achieving Net Zero

Sigma PLC is committed to achieving Net Zero emissions by 2050 at the latest.

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: September 2021 to August 2022

Additional Details relating to the Baseline Emissions calculations

Due to the limited scope of reporting in previous years, this year will be taken as the baseline year by which to measure progress towards Sigma plc Net Zero commitments. The conversion factors used are for location based reporting.

The scope 1 and 2 data is from supplier sourced data which has a good confidence interval and therefore a high certainty ranking. The scope 3 data has been generated using best available data, however is considered to have a poor confidence interval and therefore a poor certainty ranking.

All data has been compiled with reference to and using data from :

- <https://ghgprotocol.org/corporate-standard>
- <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting> (2022 data set)

Scope 3 category	Assumptions used	2023 actions to improve data accuracy
4. Upstream transportation and distribution	Based on delivery mileage by vehicle type	Engage with suppliers to provide data; capture by accounts in on invoicing
5. Waste generated in operations	From supplier data	Changed suppliers and now capturing monthly accurate data
6. Business travel	Based on sample extrapolated	Expenses process being changed to capture data routinely

7. Employee commuting	Based on staff survey responses extrapolated to total workforce	HR systems having commuting data linked to attendance
9. Downstream transportation and distribution	Based on delivery volumes	Engage with suppliers to provide data; capture by accounts on invoicing

The figures and information used in calculations have been provided as accurate to the best of our knowledge and as far as practicable we have assumed that figures are representative of our operations. We undertake a continual process of improving our data quality. In the case that we identify any material changes, we may recalculate the data in the future.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)														
Scope 1	1,485														
Scope 2	311														
Scope 3 (Included Sources)	1,686 <table border="1" data-bbox="584 987 1369 1218" style="margin-left: 20px;"> <thead> <tr> <th><i>Scope 3 category breakdown</i></th> <th><i>tCO₂e</i></th> </tr> </thead> <tbody> <tr> <td>4. Upstream transportation and distribution</td> <td>333</td> </tr> <tr> <td>5. Waste generated in operations</td> <td>15</td> </tr> <tr> <td>6. Business travel</td> <td>0.4</td> </tr> <tr> <td>7. Employee commuting</td> <td>608</td> </tr> <tr> <td>9. Downstream transportation and distribution</td> <td>730</td> </tr> <tr> <td><i>Total Reduction Plan Scope 3</i></td> <td>1686</td> </tr> </tbody> </table>	<i>Scope 3 category breakdown</i>	<i>tCO₂e</i>	4. Upstream transportation and distribution	333	5. Waste generated in operations	15	6. Business travel	0.4	7. Employee commuting	608	9. Downstream transportation and distribution	730	<i>Total Reduction Plan Scope 3</i>	1686
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Total Emissions	3,482														

Current Emissions Reporting

Reporting Year: September 2021 to August 2022 (as baseline)															
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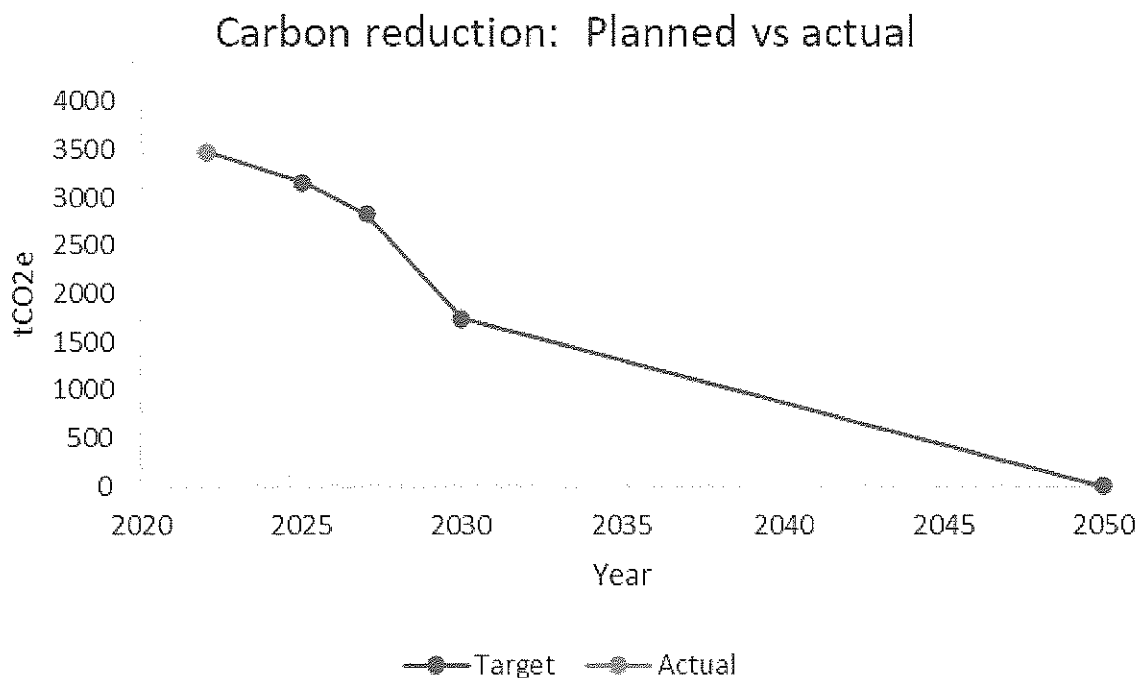
Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 2,829 tCO₂e by 2027. This is a reduction of 19%

The acceleration in progress from 2027 to 2030 is anticipated to be from savings arising in internal, upstream and downstream transportation footprints. This will be due to changes in fleet type and fuel source.

As this is our baseline year there is no progress to be tracked yet against our targets, however our reduction path is plotted below.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

No management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes therefore equate to 0 tCO₂e, a 0 %ge reduction against the 2022 .

As this is the first year of reporting there are no quantified savings from carbon reduction projects to report

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

Scope 1:
Route optimisation

Move from Internal Combustion Engine to Electric powered vans on local routes

Scope 2:

Install solar panels on buildings on Watford site
Transition to renewable energy sourced electricity supplies across estate

Scope 3:

Create and launch green travel plan and launch to colleagues
Considering salary sacrifice for employees to switch to electric vehicles
Business travel reduction due to switch to electric vehicles and public transport
Supply chain fleet switches to more sustainable vehicles and fuels
Collaboration with waste suppliers to reduce waste, reduce waste to landfill and increase circularity.

The future savings have yet to be quantified. As more accurate granular data becomes available and our strategy evolves, we will quantify the savings targets

Declaration and Sign Off

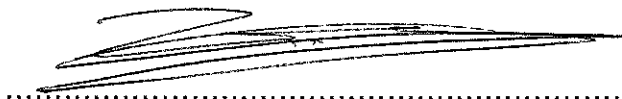
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with **the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².**

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



.....Date: 19/4/2023.....

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

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

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