

Carbon Reduction Plan

Supplier name: Opalion Plastics Limited

Publication date: 22nd July 2024

Commitment to achieving Net Zero

Opalion Plastics Ltd is committed to achieving Net Zero emissions by 2040.

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: 2021 / 2022 (updated)	
Additional Details relating to the Baseline Emissions calculations.	
We engaged with an external company to help prepare our Carbon Footprint Report for the Fiscal Year 2022 and we will use this report as our base year from which we will formulate plans to reduce our CO ₂ emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	27.23 tCO ₂ e
Scope 2	1.37 tCO ₂ e – Market Based 13.12 tCO ₂ e – Location Based
Scope 3 (Included Sources)	8,834.11 tCO ₂ e – Market Based 8,834.11 tCO ₂ e – Location Based
Total Emissions	8,862.71 tCO ₂ e – Market Based 8,874.46 tCO ₂ e – Location Based

Current Emissions Reporting

Reporting Year: 2022 / 2023		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	50.81	tCO ₂ e
Scope 2	4.12	tCO ₂ e – Market Based
	16.72	tCO ₂ e – Location Based
Scope 3 (Included Sources)	10,751.82	tCO ₂ e – Market Based
	10,751.82	tCO ₂ e – Location Based
Total Emissions	10,806.74	tCO ₂ e – Market Based
	10,819.35	tCO ₂ e – Location Based

Comments on 2022 / 2023 results

The 2022 / 2023 data shows an increase in tCO₂e due to a number of factors – these include:

- Increase in turnover of approx. 18% compared to 2022 which directly influence our tCO₂e due to the nature of the product we supply.
- Commencement of a significant healthcare contract whose product requires a higher percentage of virgin material for sanitary and performance reasons.
- Full year of increased number of staff and warehousing locations due to an acquisition made late in 2022.

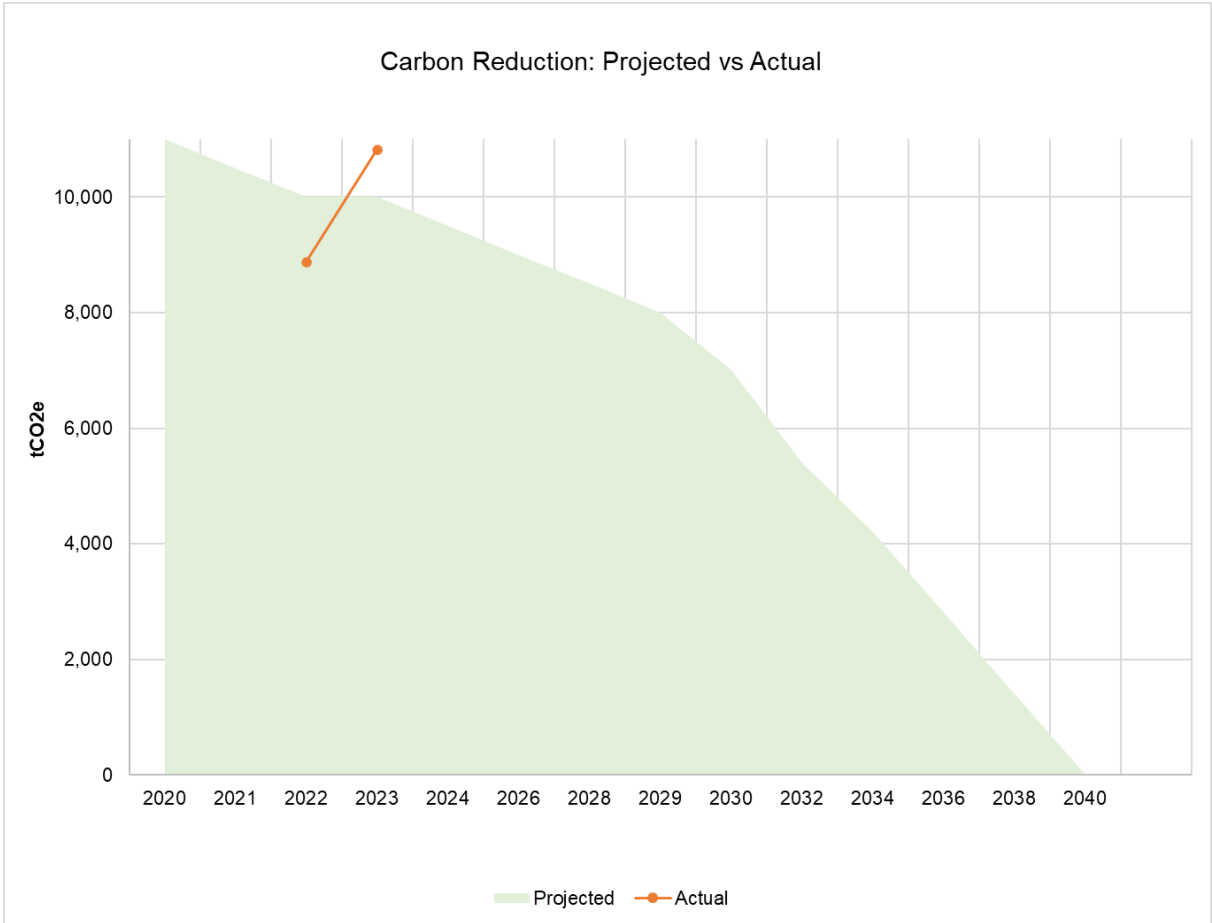
Emissions reduction targets

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

- Reformulating products whenever possible to increase the use of recycled plastic materials and to reduce the amount of virgin plastics in our products.
- Working with customers to reduce the number of deliveries we make to their sites.
- Encourage our suppliers to adopt and use more sources of green energy such as solar and wind.
- Reduce the number of journeys our staff make to and from work by either car-pooling, encourage the use of public transport whenever possible.
- Look to offset any unavoidable carbon emissions by investing in renewable energy projects and carbon capturing technologies in Europe and Africa.

We project that our carbon emissions will decrease to 7,000 tCO₂e by 2030. This is a reduction of 12%. This will be accelerated after 2030 when any investments we make in reducing the unavoidable carbon emissions are operational.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Opalion Plastics is ISO14001 certified and as part of our environmental policy, we are always looking for ways to reduce the amount of carbon emissions and waste we generate as a business.

The 52.48kWp Solar Photovoltaic Panel System installed on the roof at our Baldock Warehouse is fully operational and a proposal is currently being prepared for the installation of a system at our Scotland Warehouse with the aim is to install it within the next 12 – 18 months.

All our light fittings have been switched over to LED fittings with PIR sensors installed whenever possible to further reduce or energy requirement.

In the future, we hope to implement further measures such as replacing all company diesel and petrol cars with electric / hybrid ones – already 50% of the fleet has been converted.

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: 22nd July 2024

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>