



Carbon Reduction Plan

Commitment to achieving Net Zero

Opalion 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: October 2021 - September 2022		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	27.23	tCO ₂ e
Scope 2	1.37 13.12	tCO ₂ e – Market Based tCO ₂ e – Location Based
Scope 3 (Included Sources)	8,834.11	tCO ₂ e – Market Based
Total Emissions	8,862.71 8,874.46	tCO ₂ e – Market Based tCO ₂ e – Location Based

Our Baseline calculations includes:

Scope 1: Mobile Combustion

Scope 2: Purchased Electricity

Scope 3:

- Category 1: Purchased goods and services
- Category 2: Capital Goods
- Category 3: Fuel and energy related activities
- Category 4: Upstream transportation and distribution
- Category 5: Waste generated in operations
- Category 6: Business travel
- Category 7: Employee commuting / Homeworking
- Category 9: Downstream transportation and distribution
- Category 12: End of life treatment of sold products

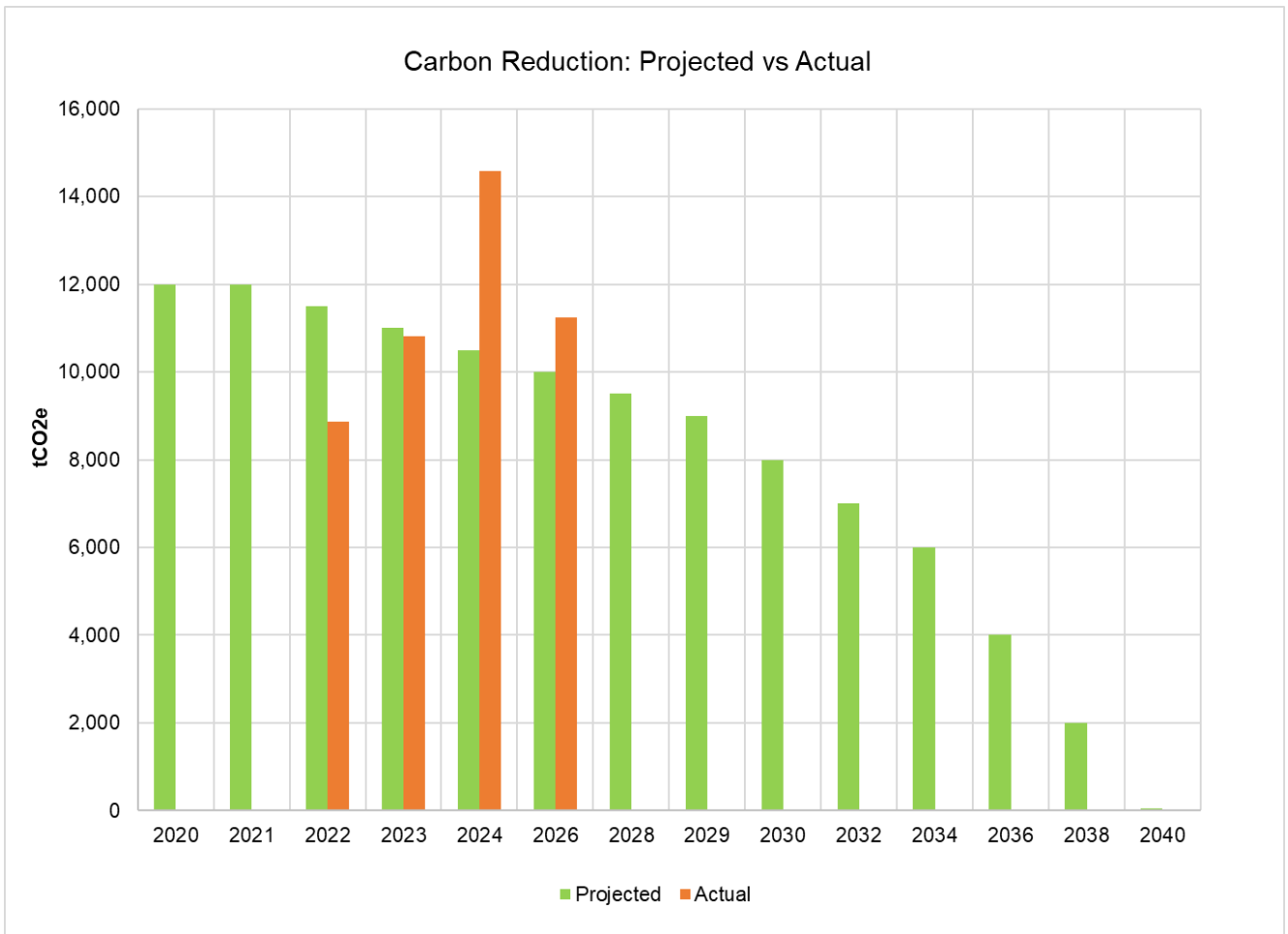


Current Emissions Reporting

Reporting Year: October 2024 - September 2025		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	28.93	tCO ₂ e
Scope 2	0.00 18.16	tCO ₂ e – Market Based tCO ₂ e – Location Based
Scope 3 (Included Sources)	11,189.93	tCO ₂ e – Market Based
Total Emissions	11,218.86	tCO ₂ e – Market Based
	11,237.02	tCO ₂ e – Location Based

Comments on 2024 / 2025 results

Scope	Total tCO ₂ e			
	FY2022	FY2023	FY2024	FY2025
Scope 1	27.23	50.81	32.34	28.93
Scope 2 (market based)	1.37	4.12	0.41	0
Scope 2 (location based)	13.12	16.72	11.86	18.16
Scope 3	8,834.11	10,751.82	14,535.67	11,189.93
Total Emissions (market based)	8,862.71	10,806.74	14,568.43	11,218.86
Total Emissions (location based)	8,874.46	10,819.35	14,579.88	11,237.02



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Opalion 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 generates 55% of the electricity requirement for this site.

In addition to this, the surplus electricity generated was exported back to the grid which resulted in avoided emissions of 8.53 tonnes CO₂e. These exported units are backed by Renewable Energy Guarantees of Origin (REGOs), supporting the UK's decarbonisation targets and contributing to the greening of the grid and shows our positive influence that stretches beyond our direct operations.

