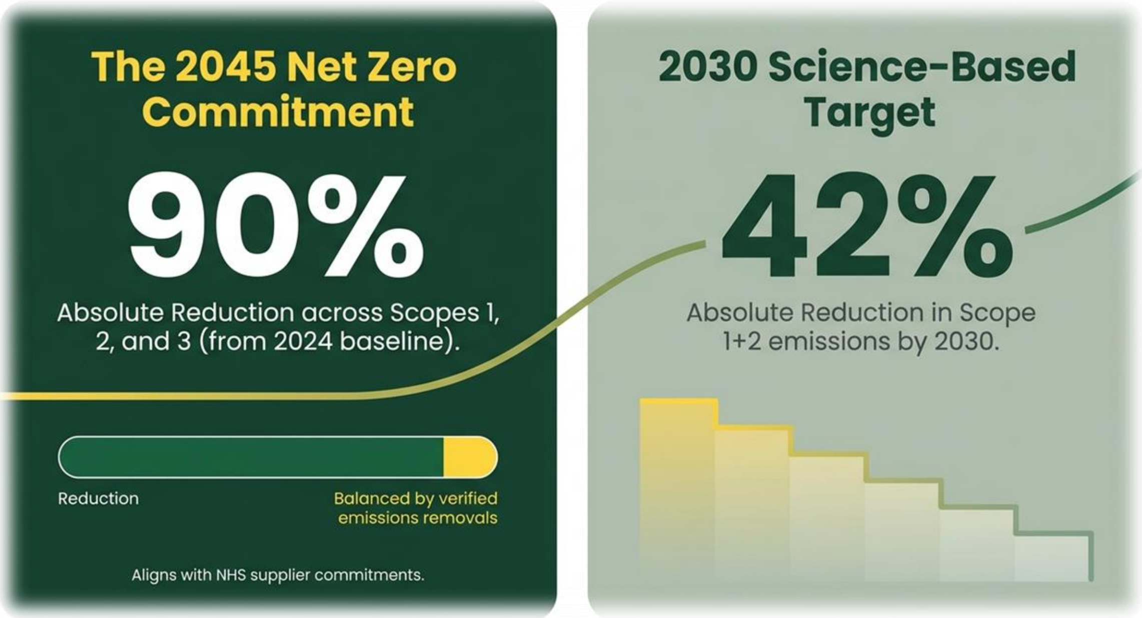
Medina Food Group Limited

Carbon Reduction Plan

June 2026

Commitment to Achieving Net Zero

Medina Food Group Limited is committed to achieving Net Zero emissions by 2045. This equates to a 90% absolute reduction across all Scope 1, 2 and 3 emissions from our 2024 baseline, with the remaining 10% balanced by verified carbon removal activities.



Baseline Emissions Footprint — 2024

Baseline emissions are the reference point against which all future emissions reductions are measured.

Our 2024 baseline was calculated using DEFRA June 2025 Government GHG Conversion Factors and the GHG Protocol methodology. Over 99% of emissions were calculated from accurate volumetric data.

Scope 1 — Direct

39.51 tCO_2e
Gas: 19.24
Vehicles: 18.13
Refrigerants: 2.14

Scope 2 — Electricity

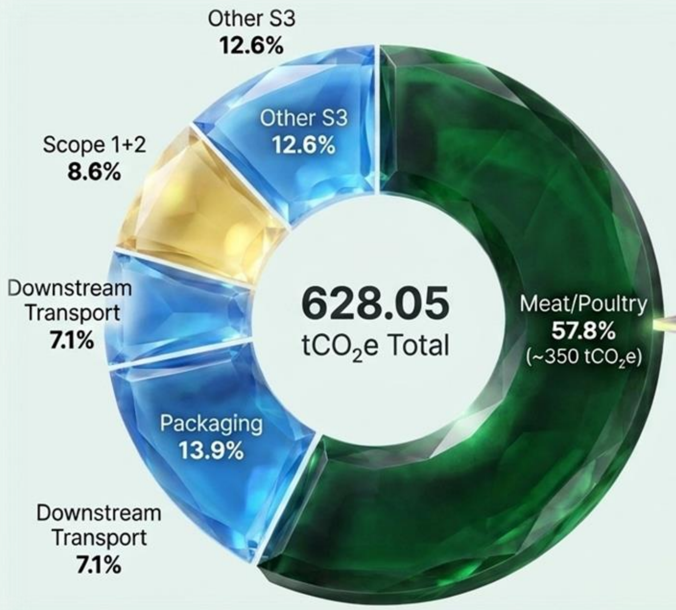
26.31 tCO_2e location
0.00 tCO_2e market
Zero Carbon Certificate active

Scope 3 — Value Chain

536.94 tCO_2e
89% of total footprint
7 categories reported

Intensity

31.70 tCO_2e/employee
19 employees
Mandatory intensity metric

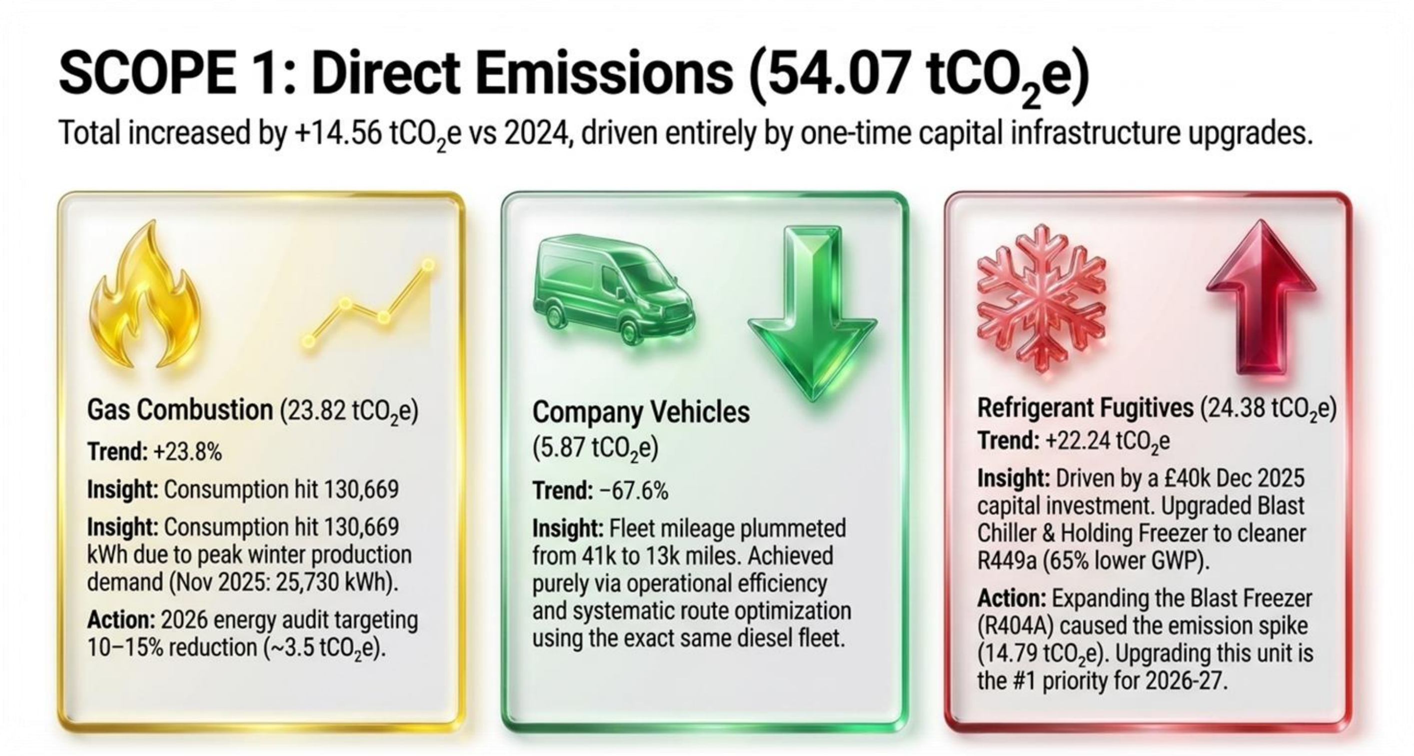


The Lifecycle Reality

Over three-quarters of our entire footprint stems from our supply chain. Meat and poultry make up just 33% of our ingredients by weight, but generate 57.8% of total emissions due to ruminant livestock methane. This dictates our long-term carbon strategy.

Current Emissions Reporting — 2025

Emissions	Total (tCO_2e)
Scope 1 (Gas, Vehicles, Refrigerants)	54.07
Scope 2 — Location-based	44.41
Scope 2 — Market-based (Zero Carbon Certificate — renewed)	0
Scope 3 — Purchased Goods & Services (Cat.1)	473
Scope 3 — Fuel & Energy Related (Cat.3)	9.57
Scope 3 — Upstream Transport (Cat.4)	2.55
Scope 3 — Waste Generated (Cat.5)	0.26
Scope 3 — Business Travel (Cat.6)	0
Scope 3 — Staff Commuting incl. homeworking (Cat.7)	1.24
Scope 3 — Downstream Transport (Cat.9)	42.95
Total Emissions	**628.05**
Emissions Intensity (tCO_2e / employee)	31.4



SCOPE 2: Electricity

Consumption **tripled** (+167% to 339,093 kWh) to support major food production expansion.

LOCATION-BASED

44.41 tCO_2e

Definition:
Carbon intensity averaged across the UK national grid.
Up +18.10 tCO_2e vs 2024.

Context: The UK grid factor improved by 37% in 2026. Without this cleaner national grid, our footprint would have been 70.2 tCO_2e. The grid automatically saved us 25.8 tCO_2e.

MARKET-BASED

0.00 tCO_2e

Definition:
Our specific purchased tariff.

Asset: British Gas Zero Carbon Certificate (SALE/GEC/002) — 100% renewable and nuclear generation.

Impact: Regardless of how much our production and consumption grow, our electricity footprint remains strictly zero.

SCOPE 3: The Value Chain (529.57 tCO_2e)

Represents **84.3%** of total footprint. Down −7.37 tCO_2e vs 2024.

THE DOMINANT FACTOR

Category 1: Purchased Goods (473.00 tCO_2e)

The Meat Reality: Lamb/mutton carries ~24 $kgCO_2e$ per kg due to enteric fermentation. Meat/poultry is only 1/3 of ingredient weight but generates 57.8% of the entire company footprint (~350 tCO_2e).

Packaging: Rigid plastics (~67 tCO_2e) and energy-intensive aluminium foil (~10 tCO_2e) are secondary targets.

Cat 9 (Downstream Transport): 42.95 tCO_2e
Down −2.35 tCO_2e due to route efficiency.

Cat 3 (Upstream Fuel/Energy): 9.57 tCO_2e
Grid decarbonization lowered transmission losses.

Cat 5 (Waste): 0.26 tCO_2e
Physical waste volume is identical to 2024 (31.2t); drop is purely a DEFRA methodology change.

Cat 7 (Commuting): 1.24 tCO_2e
Just 0.2% of footprint — 17 of 20 employees walk to work.

2024 vs 2025 — Full Emissions Diagnostic

Emission Source	2024 Baseline (tCO_2e)	2025 Reporting (tCO_2e)	Change	Driver
Scope 1 Gas	19.24	23.82	+4.58 ↑	Higher production volumes
Scope 1 Vehicles	18.13	5.87	−12.26 ↓	Route optimisation + third-party logistics
Scope 1 Fugitives	2.14	24.38	+22.24 ↑	Dec 2025 refrigeration capital investment ①
SCOPE 1 TOTAL	**39.51**	**54.07**	**+14.56**	
Scope 2 Location	26.31	44.41	+18.10 ↑	Electricity tripled for expanded production
Scope 2 Market	0.00	0.00	✓ Zero	Zero Carbon Certificate — renewed and active
S3 Cat1 PG&S	461.62	473.00	+11.38 ↑	Expanded ingredient volumes
S3 Cat3 F&ER	16.27	9.57	−6.70 ↓	UK grid factor fell 37% (DEFRA 2026)
S3 Cat4 Upstream	2.55	2.55	—	Unchanged
S3 Cat5 Waste	16.36	0.26	−16.10 ↓	② DEFRA 2026 methodology change only
S3 Cat6 Travel	0.00	0.00	—	No business travel
S3 Cat7 Commuting	1.74	1.24	−0.50 ↓	17/20 employees walk to work
S3 Cat9 Downstream	45.30	42.95	−2.35 ↓	Route efficiency improvement
SCOPE 3 TOTAL	**536.94**	**529.57**	**−7.37 ↓**	
GRAND TOTAL	**602.73**	**628.05**	**+25.32** (+4.2%)	
Intensity/employee	31.70	31.40	−0.30 ↓	

Emission Reduction Targets

Medina Food Group has committed to a long-term target of achieving Net Zero by 2045. In practice this equates to a 90% absolute reduction in Scope 1, 2 and 3 emissions from our 2024 baseline. The remaining 10% will be balanced by verified emissions removals. We have also adopted a near-term target in line with the Science-based Targets initiative:

- **42% absolute reduction in Scope 1+2 emissions by 2030 from our 2024 baseline.**

The 2025 Scope 1+2 increase on a location basis reflects the December 2025 capital investment in refrigeration infrastructure and higher electricity consumption from expanded production. On a market basis, Scope 1+2 is 54.07 tCO_2e because our Zero Carbon electricity certificate has been successfully renewed and market-based Scope 2 remains zero.

2030 pathway — three key actions

(1) Zero Carbon electricity tariff successfully renewed — market-based Scope 2 secured at zero. (2) Energy efficiency audit planned for 2026 — targeting 10–15% reduction in gas consumption. (3) Blast freezer refrigerant transition from R404A (GWP 3,943) to R449a (GWP 1,397) planned for 2026–27 capital programme — this alone will eliminate approximately 14.79 tCO_2e.

Carbon Reduction Projects

Medina Food Group Limited is committed to taking action to bring down emissions in line with our near-term and long-term targets. A materiality analysis confirms that our impact is overwhelmingly caused by our Purchased Goods, particularly raw ingredients — especially meat and poultry which represents 57.8% (~350 tCO_2e) of our total footprint despite being only one-third of ingredients by weight.

1. Low Carbon Meals

The largest contributor to our footprint is the procurement of mutton and other meats for our recipes. Despite representing only one-third of total ingredients by weight, these ingredients account for over 70% of our Purchased Goods emissions (~350 tCO_2e) due to the high environmental impact of ruminant animals.

- Investigate the feasibility of raising awareness of the climate impacts associated with menu choices and engage clients on the benefits of lower carbon meals, while fully respecting dietary requirements.
- Work with meat suppliers to gain a comprehensive understanding of farm-level environmental impacts and production methods, improving the transparency and accuracy of our emissions data.
- In the longer term, develop carbon labels for our meals, quantifying cradle-to-grave emissions in line with the planetary health diet.

2. Refrigerant Management and Energy Efficiency

In December 2025, Medina Food Group invested £40,626 in expanding and upgrading two refrigeration units at our Park Road site, carried out by EP Refrigeration Ltd (REFCOM certified, Job No. 35715).

Unit	Change	Refrigerant	Environmental outcome
Blast Chiller	Room extended 3.5m×3m. New J E Hall 25kw condensing unit.	R404A (GWP 3,943) → R449a (GWP 1,397)	Fugitives: 5.03 → 4.15 tCO_2e despite larger unit.
Holding Freezer	Full replacement. New Danfoss Optyma 5kw unit.	R404A (GWP 3,943) → R449a (GWP 1,397)	Fugitives: 3.25 → 1.15 tCO_2e.
Blast Freezer	Expanded capacity. 15 kg → 25 kg R404A.	R404A maintained. Next priority for R449a transition.	14.79 tCO_2e. Priority for 2026–27 capital.

R449a has 65% lower warming potential per kg than R404A. Both upgraded units now use R449a, representing a significant environmental improvement per unit of cooling delivered. We will also commission an energy efficiency audit at Park Road to identify cost-effective reductions in gas and electricity consumption, and explore solar PV feasibility.

3. Fleet Efficiency and Downstream Logistics

Fleet mileage reduced dramatically in 2025 — from 41,167 to 13,000 miles, a 68% reduction — saving 12.26 tCO_2e in a single year. This was achieved through systematic route optimisation and more effective use of third-party courier and logistics partners for longer delivery routes.

- Continue reviewing delivery schedules to maximise load per trip and reduce empty or light-load runs.
- Engage with logistics partners to understand their carbon reduction strategies and explore further route consolidation to reduce total tonne.km per delivery.

4. Packaging and Circularity

Packaging contributed 83.77 tCO_2e (approximately 13.9% of total) in 2025. We are in active dialogue with packaging suppliers to increase recycled content in rigid plastic trays and investigate bio-based alternatives. We are also working with our foil supplier on recycled-content aluminium foil alternatives. A mixed dry recycling collection commenced in 2025 and we will develop food waste segregation to further reduce waste emissions.

5. Staff Travel and Local Employment

17 of our 20 employees walk to work, keeping commuting emissions to just 0.2% of our total footprint (1.24 tCO_2e in 2025). We will continue to prioritise local employment to maintain this advantage.

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 and use the appropriate Government emission conversion factors for greenhouse gas company reporting (DEFRA GHG Conversion Factors, June 2026 publication).

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 Corporate Value Chain (Scope 3) Standard.

References:

GHG Protocol Corporate Standard: https://ghgprotocol.org/corporate-standard

Government Conversion Factors: https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

GHG Protocol Scope 3 Standard: https://ghgprotocol.org/standards/scope-3-standard

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Signature:

Date: June 2026

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This Carbon Reduction Plan is published on our website in accordance with PPN 06/21.