



Carbon Reduction Plan

Roshal Space Consultants Ltd

Supplier name	Roshal Space Consultants Ltd
Reporting period	01 April 2025 to 31 March 2026
Baseline year	2025/26
Current reporting year	2025/26
Approval	To be reviewed and approved by Craig Parsons, Managing Director before publication

Commitment to achieving Net Zero

Roshal Space Consultants Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050 or earlier for its UK operations.

Roshal recognises the importance of reducing the environmental impact of its activities and supporting the sustainability objectives of NHS and public sector clients. As a commercial refurbishment, fit-out, furniture, electrical, joinery and interiors contractor, our main areas of environmental impact relate to vehicle use, site attendance, purchased materials, deliveries, waste, energy use and supply chain activity.

Organisational boundary

This Carbon Reduction Plan covers the UK operations of Roshal Space Consultants Ltd, including office and workshop use, project management, site delivery, directly employed operatives, company vehicles, business travel, employee commuting, waste generated through our operations and relevant transportation activity.

The plan relates to the services Roshal provides, including commercial refurbishment, fit-out, interior works, design coordination, furniture supply and installation, blinds, signage, joinery, electrical works and associated project delivery.

Baseline emissions footprint

Baseline emissions are the greenhouse gases produced prior to the introduction of formal reduction tracking. Roshal has selected 2025/26 as its baseline year as this represents the first year for which suitable emissions data has been collated.

Emissions source	Baseline emissions tCO ₂ e	Current reporting year tCO ₂ e
Scope 1	50.18	50.18
Scope 2	8.77	8.77
Scope 3	51.80	51.80
Total emissions	110.74	110.74

Roshal's current calculated reportable emissions are 110.74 tCO₂e, equivalent to 3.36 tCO₂e per employee and 24.61 tCO₂e per GBP million turnover.



Detailed emissions calculation

Emissions source	Scope/category	Activity data	Emission factor	tCO2e
Company vehicles - diesel	Scope 1	17,709.63 litres	2.57082 kgCO2e/litre	45.53
Company vehicles - unleaded petrol	Scope 1	2,246.00 litres	2.06916 kgCO2e/litre	4.65
Gas	Scope 1	0 kWh	0.18296 kgCO2e/kWh	0.00
Purchased electricity	Scope 2	49,527.67 kWh	0.177 kgCO2e/kWh	8.77
Upstream / downstream transportation and distribution	Scope 3 Category 4/9	0 additional miles	Included in Scope 1 diesel fuel	0.00
Waste generated in operations	Scope 3 Category 5	55.38 tonnes by stream	weighted 394.408 kgCO2e/tonne	21.84
Business travel	Scope 3 Category 6	27,746 miles	0.26915 kgCO2e/mile	7.47
Employee commuting - non-EV / unknown fuel vehicles	Scope 3 Category 7	80,657 miles	0.26915 kgCO2e/mile	21.71
Employee commuting - fully electric vehicle	Scope 3 Category 7	12,000 miles	0.06512 kgCO2e/mile	0.78

Waste data breakdown

Waste has now been calculated from Roshal's waste stream schedule rather than treating all waste as a single mixed-waste total. General Mixed Waste remains the main waste emissions driver and has been treated conservatively as commercial and industrial waste to landfill. Segregated streams use recycling, recovery or disposal proxy factors pending final confirmation from the waste carrier.

Waste stream	Tonnes	Assumption	Factor kgCO2e/t	tCO2e
General Mixed Waste	41.794	C&I waste - landfill proxy	520.533	21.755
Mixed Packaging	2.775	Segregated packaging - recycling proxy	4.686	0.013
Wood Grade C	1.722	Segregated construction wood - recovery proxy	4.686	0.008
Mixed Metals	5.120	Segregated construction metals - closed-loop proxy	1.008	0.005
Plasterboard	0.611	Segregated plasterboard - closed-loop proxy	4.686	0.003
Paper & Cardboard	0.353	Segregated paper/board - closed-loop proxy	4.686	0.002
Plastics	0.155	Segregated average plastics - closed-loop proxy	4.686	0.001
Soil	2.850	Construction soils - landfill/disposal proxy	19.547	0.056
Total / weighted average	55.380		394.408	21.842

Employee commuting data

Employee commuting has been calculated using an anonymised employee mileage schedule supplied by Roshal. The schedule has been refined to reflect revised annual mileage estimates and one fully electric vehicle. Non-EV mileage has been calculated using the average car, unknown fuel factor; the fully electric vehicle mileage has been calculated using the average battery electric vehicle factor.

Name	Daily miles	Annual miles
Employee A	19	4,940
Employee B	16	4,100
Employee C	27	7,050
Employee D	27	7,050
Employee E	2	517
Employee F		12,000 (fully electric vehicle)
Employee G		15,000
Employee H		25,000
Employee I		17,000
Total		92,657



Carbon reduction targets

Roshal is committed to reducing emissions over time and achieving Net Zero by 2050 or earlier. Following establishment of this baseline, Roshal will monitor emissions annually and implement reduction measures focused on the areas where we have the greatest operational influence, including vehicle fuel use, logistics, waste, material selection, energy use, site efficiency and supply chain coordination.

Roshal's initial target is to reduce absolute emissions and/or emissions intensity by improving operational efficiency, reducing avoidable travel, improving procurement planning, increasing waste segregation and recycling, and selecting more sustainable products and materials where commercially and technically appropriate. Once the baseline has been reviewed and improved through waste carrier route confirmations and logistics checks, Roshal will set measurable interim targets to support progress towards Net Zero.

Carbon reduction measures

- Use of simPRO, our cloud-based job and project management system, to improve scheduling, reduce paper-based administration, coordinate labour and materials, and improve visibility of project workflows.
- In-house design capability, including AutoCAD and 3D modelling, allowing layouts, finishes and furniture proposals to be reviewed earlier, reducing abortive work, incorrect specification and unnecessary site changes.
- Consolidated ordering and delivery planning to reduce unnecessary journeys and repeat visits.
- Use of directly employed operatives and established local/regional supply chains where appropriate, reducing excessive travel and improving programme control.
- Waste segregation and responsible disposal through licensed waste carriers and site-specific waste arrangements.
- Reuse of existing furniture, fixtures, fittings and materials where suitable and agreed with clients.
- Specification of durable, repairable and sustainable products where available, including responsibly sourced timber-based products and furniture with appropriate manufacturer warranties.
- Early project planning to reduce rework, material waste, programme delays and inefficient site attendance.
- Coordination of electrical, joinery, furniture, signage, blinds and fit-out works through a single project team to reduce supplier duplication and inefficient interfaces.
- Review of company vehicle use, fuel efficiency, route planning and unnecessary idling.

Measures to be applied in performance of NHS contracts

Where Roshal delivers services for NHS clients, we will apply project-specific environmental controls proportionate to the scope of works. These may include early design and specification review, coordination of deliveries, reuse of existing assets, sustainable product and material options, waste segregation and recycling, responsible disposal of construction and packaging waste, efficient site programming, digital project records and communication, local supplier consideration and compliance with relevant NHS estate requirements and site rules.




Data quality and assumptions

Area	Assumption / action
Fuel	Diesel and unleaded petrol have been split using Roshal-supplied annual litre totals.
Deliveries	Delivery mileage of 10,173 miles per year and the associated GBP 1,330 fuel cost have been retained as supporting operational evidence only. Roshal has confirmed this fuel is already included within the total diesel figure, therefore no separate Scope 3 transport emissions have been added.
Waste	Waste is calculated from the Roshal-supplied waste stream schedule. General Mixed Waste is treated conservatively as C&I landfill. Segregated streams use recycling/recovery/disposal proxy factors until the waste carrier confirms actual routes.
Employee commuting	Commuting is based on an anonymised employee mileage schedule supplied by Roshal. Employee F has been confirmed as a fully electric vehicle and has therefore been calculated separately using the average battery electric vehicle factor. A staff commuting survey by travel mode, vehicle type and fuel type would improve future accuracy.

Declaration and sign-off

This Carbon Reduction Plan has been prepared with reference to PPN 006 and associated guidance. Roshal Space Consultants Ltd confirms its commitment to achieving Net Zero emissions by 2050 or earlier for its UK operations.

This Carbon Reduction Plan must be reviewed and approved at company director level before publication on the Roshal website.

Signed	
Name	Craig Parsons
Position	Managing Director
Date	13/05/26

References

- UK Government greenhouse gas conversion factors for company reporting: <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>
- PPN 006 - Taking account of Carbon Reduction Plans in the procurement of major government contracts: <https://www.gov.uk/government/publications/ppn-006-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts>
- NHS England supplier Net Zero and Carbon Reduction Plan guidance: <https://www.england.nhs.uk/greenernhs/get-involved/suppliers/>