Carbon Reduction Plan

TC Care Limited

Revision: 25 November 2026

1. Commitment to achieving Net Zero

TC Care Limited is committed to supporting the London Borough of Hounslow's ambition to achieve Net Zero by 2030 and will work towards reducing its own greenhouse gas emissions through continual environmental improvement. We will reduce the environmental impact of our domiciliary care services while maintaining safe, effective, person-centred care.

2. Organisational boundary and baseline

TC Care Limited operates from rented accommodation at Premier House, 50–52 Cross Lances Road, Hounslow, TW3 2AA. The building is shared; TC Care occupies approximately 50%. Premier House Lettings Ltd, a separate company under common ownership, controls the heating.

The original plan dated 29 June 2026 adopted 2026 as its baseline year. This revision retains 2026 as the intended baseline, subject to completion of a consistent annual inventory. The 2026 utility invoices are used as a historical proxy; current vehicle and staff travel estimates are annualised.

Provisional annual emissions profile

Source	Scope	tCO2e
Company cars	1	4.20
Allocated heating and electricity	2 (provisional)	4.55
Personal-car business travel	3	63.84
Quantified planning subtotal		72.59

3. Calculation methodology

Scope 1 – company vehicles

Three company cars are used by managers. Annual fuel expenditure is estimated from current monthly costs. Assuming petrol at £1.40/litre and a provisional factor of 2.31 kgCO2e/litre, emissions are calculated as annual expenditure ÷ fuel price × factor ÷ 1,000.

Vehicle	Monthly cost	Annual litres	tCO2e
Lexus LBX Premium Plus CVT (hybrid)	£79	677.1	1.56
SEAT Arona Xperience Lux EcoTSI	£58	497.1	1.15
Volvo (petrol)	£75	642.9	1.49
Total	£212	1,817.1	4.20

Scope 2 – purchased electricity and acquired heating

ENGIE invoices for January–November 2026 are addressed to Premier House Lettings Ltd. December is estimated using winter consumption.

Energy (kWh)	Gas	Electricity
Jan–Nov invoiced	27,556.5	16,638.4
December estimated	4,500.0	1,600.0
Annual building estimate	32,056.5	18,238.4
TC Care share (50%)	16,028.25	9,119.2
Provisional factor (kgCO2e/kWh)	0.183	0.177
Allocated emissions (tCO2e)	2.93	1.61

Combined allocated emissions are approximately 4.55 tCO2e (rounded from unrounded calculations).

4. Scope 3 and annual reporting

There are 56 carers who drive their own cars. The original plan assumed 4,000 annual business miles per driver. Retaining that assumption gives 224,000 miles × the original implied factor (66.12 tCO2e ÷ 232,000 miles) = 63.84 tCO2e. Shared journeys are counted once, not once per passenger. Cycling and walking have no direct travel emissions.

Required Scope 3 category	Reporting status
Business travel	Personal-car estimate: 63.84 tCO2e; 52 carers use public transport. Shared journeys counted once.
Employee commuting	26.13 tCO2e
Waste generated in operations	One dedicated general waste bin and one recycling bin, collected weekly. Illustrative waste weight: 1.56 tonnes/year.
Upstream transportation and distribution	18 identified deliveries/year (12 PPE, 6 stationery). Illustrative emissions: 0.07 tCO2e.
Downstream transportation and distribution	Not applicable: TC Care provides domiciliary care and does not sell or distribute physical products.

Baseline and current emissions reporting (provisional)

Emissions (tCO2e)	2026 provisional baseline	2026 provisional current reporting
Scope 1	4.20	4.20
Scope 2	4.55	4.55
Scope 3 required subset (partial)	63.84	63.84
Total quantified emissions	72.59	72.59

The figures above use the best available information: 2026 utility consumption as a proxy for this year, estimated fuel expenditure, office occupancy allocation and estimated care worker business travel.

Both columns are identical because 2026 is the intended initial reporting year; no measured year-on-year reductions are claimed. TC Care will refine the inventory through regular monitoring of energy, fuel, employee travel, waste and relevant supply chain activities. The interim target is Net Zero by 2030.

5. Emissions reduction targets

Interim target: reduce quantified operational and personal-car business travel emissions by 20% by 2030 against a validated baseline.

Year	Reduction	Scope 1	Scope 2	Scope 3*	Total
Baseline	0%	4.20	4.55	63.84	72.59
2027	5%	3.99	4.32	60.65	68.96
2028	10%	3.78	4.10	57.46	65.33
2029	15%	3.57	3.87	54.26	61.70
2030	20%	3.36	3.64	51.07	58.07

*Personal-car business travel only. All emissions in tCO2e. Totals calculated before rounding. Indicative annual saving by 2030: 14.52 tCO2e.

6. Existing carbon reduction initiatives

- Electronic rostering and route planning to reduce unnecessary journeys and improve care visit scheduling.
- For double-handed care calls, where one allocated carer drives, the other travels in the same vehicle where practicable, avoiding separate journeys.
- Carers use bicycles and public transport; walking is encouraged for local visits where safe and practical.
- Use of a hybrid Lexus company car; encouragement of lower-emission personal vehicles when replaced.
- Digital care records, electronic documentation, HR, payroll and training systems; remote meetings where appropriate.
- Switching off unused lighting and electrical equipment; recycling paper and cardboard where facilities permit; responsible PPE disposal in line with infection prevention requirements.
- Staff environmental guidance through induction and ongoing training; responsible printing and procurement.

These initiatives are reported as existing practices, not quantified emissions savings. Care quality, staff safety and continuity of care remain paramount.

7. Future carbon reduction action plan

Scope / action	Proposed owner	Timing / measure
1 – Record fuel litres and expenditure for each company car; promote efficient driving and servicing.	Fleet / finance lead	Monthly; 20% fuel reduction ambition by 2030.
1 – Review electric or hybrid replacements and charging feasibility.	Senior management	At vehicle renewal.
2 – Agree energy allocation, heating schedules and efficiency measures with landlord.	Office manager / landlord	2027; monthly kWh monitoring.
2 – Review LED lighting, IT sleep settings and renewable electricity tariffs.	Office manager	2027–28; 20% energy reduction ambition by 2030.
3 – Optimise routes and maintain shared travel for double-handed calls.	Care coordination team	Ongoing; review business miles annually.
3 – Survey staff travel modes, mileage and commuting; promote cycling and public transport.	HR / care managers	2027; repeat annually.
3 – Review waste and supplier transport data; responsible procurement.	Office / procurement lead	2027; annual review.
All – Review inventory, targets and progress; publish approved plan.	Directors / nominated lead	Annually.

The directors will nominate accountable leads, review monthly energy and fuel information, and assess annual emissions against the validated baseline. Changes in service volumes and occupancy will be recorded to explain trends. Corrective actions will be agreed where progress is below target.

8. Declaration and sign-off

This plan is structured with reference to PPN 006 and its Carbon Reduction Plan technical standard, the GHG Protocol Corporate Standard and Corporate Value Chain (Scope 3) Standard.

Reference materials

UK Government: PPN 006 – Taking account of Carbon Reduction Plans in the procurement of major government contracts; technical standard for completion of Carbon Reduction Plans.
https://www.gov.uk/government/publications/ppn-006-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts

UK Government: Greenhouse gas reporting conversion factors.
https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

Director approval

Signed on behalf of TC Care Limited: 

Name and position: Christine Cotton. Registered Manager TC Care Limited.

Date of approval / publication: 25th November 2026.