



CARBON REDUCTION PLAN NET ZERO

I. Executive Summary

The Carers Group recognises the pressing challenge of climate change and is fully committed to a comprehensive plan to achieve Net Zero Carbon Emissions by 2050. Our strategy is centred on more innovative energy use and enhanced energy efficiency to effectively mitigate carbon emissions.

II. Introduction

Background

Taking responsibility for our environment, we pledge to establish clear, time-bound targets for reducing carbon emissions, ultimately attaining net zero by 2050.

Objectives

Our primary aim is collective action toward achieving Carbon Net Zero by 2050, including intermediate milestones of a 25% reduction by 2025, a 50% reduction by 2030, and a 75% reduction by 2040, culminating in 100% net zero emissions by 2050.

Scope

This plan encompasses the comprehensive accounting of Scope 1, Scope 2, and Scope 3 emissions originating from energy consumption, waste generation, and transportation.

III. Baseline and Targets

Baseline Emissions (2022)

Total Scope 1 Emissions: 15 tCO₂e

Total Scope 2 Emissions: 30 tCO₂e

Total Scope 3 Emissions: 30 tCO₂e

Total Baseline Year Emissions: 75 tCO₂e

Emissions Targets

Short-term target: Achieve a 25% reduction (18.75 tCO₂e) by 2025. Medium-term target: Attain a 50% reduction (37.5 tCO₂e) by 2030. Long-term target: Realise a 75% reduction (56.25 tCO₂e) by 2040. Ultimate target: Reach net-zero emissions by 2050

IV. Reduction Strategies

In our pursuit of Net Zero, we have implemented an array of carbon reduction initiatives:



- Promoting staff carpooling to reduce car journeys, and encouraging remote work to minimise commuting
- Advocating green commuting methods like walking, biking, or public transport, and the Adoption of recyclable bin bags
- Commitment to environmental considerations, including furniture reuse and recycling
- Transitioning from desktops to laptops, where feasible
- Implementing energy-saving measures such as turning off lights, monitors, and computers
- Procurement of energy-efficient hardware, optimisation of monitor brightness
- Activation of power-saving settings on computers
- Setting printers to power down when not in use automatically
- Nightly shutdown of communal equipment and weekend power-off of all electrical equipment
- Prioritising the use of recycled papers and toners for printing. Embracing digital communications to reduce paper waste. Installation of energy-efficient LED lighting in classrooms. Exploration of solar panel installation to meet electricity needs. Launching an annual tree planting initiative to offset emissions. Reduction of overall waste production
- Investigation of green energy sources like solar panels
- Exploration of various recycling methods to minimise waste disposal emissions

V. Monitoring and Reporting

Monitoring

Our regular monitoring of energy consumption, waste generation, and transportation emissions enables us to track our progress toward our set targets. Progress is discussed during monthly senior management meetings and with stakeholders.

Reporting (2023)

- Total Scope 1 Emissions: Reduced to 13 tCO₂e (13.33% reduction)
- Total Scope 2 Emissions: Reduced to 25 tCO₂e (16.67% reduction), Total Scope 3 Emissions: Reduced to 27 tCO₂e (10% reduction)
- Total Reporting Year Emissions: Reduced to 65 tCO₂e (13.33% overall reduction)

These results are shared annually with stakeholders, informing necessary adjustments to our strategies and informing the development of new ones.

VII. Future

The Carers Group is unwavering in its commitment to a greener and more sustainable future. Achieving global net-zero emissions by 2050 is an ambitious yet attainable goal, made possible through collective effort. We believe that by integrating sustainability into our



decision-making and operational processes, our Carbon Emissions Reduction Plan will not only meet reduction targets but also yield substantial financial savings, enhance overall operations, and make a positive impact on the environment, paving the way for a sustainable, low-carbon future.

VI. Review and Improvement

This plan will undergo annual reviews to ensure its effectiveness.

Last Review: November 2024

Next Review: November 2025