



CARBON REDUCTION PLAN FOR OLIVIAN HOMES LTD.

In compliance with PPN 06/21

Supplier: **OLIVIAN HOMES LTD**

Company registration Number: **12837333**

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Olivian Homes Ltd, as a provider of specialised care and support services for adult Social Care Services, acknowledges its inherent responsibility to integrate environmental sustainability into its core operational framework.

We recognise the direct and consequential impact of our activities on the broader ecological system. Therefore, we are unequivocally committed to achieving net-zero carbon emissions by the year 2045.

This commitment goes beyond mere regulatory compliance; it represents a fundamental strategic shift to embed sustainability as a foundational principle within our organisational ethos and service delivery protocols. Our strategic approach is meticulously structured to facilitate a comprehensive reduction in carbon emissions across all operational domains, including residential accommodations, administrative processes, and the entirety of our supply chain, through the implementation of rigorously defined strategies and the adoption of cutting-edge sustainable innovations.

Baseline Emissions Assessment: Quantifying the Current Environmental Footprint (2023-2024)

- To effectively chart a course towards carbon neutrality, a comprehensive and granular assessment of our current emissions footprint was conducted. This baseline assessment, executed during the 2023-2024 fiscal year, yielded a detailed understanding of our primary emissions sources, enabling targeted mitigation strategies with precision and efficacy.
- Procurement and Supply Chain Management: This domain represents the most substantial and complex component of our environmental impact. It encompasses the acquisition of a diverse array of materials, including perishable food provisions, essential office consumables, durable furniture, and other indispensable supplies required for the operation of our supported living accommodations. The intricate nature of this domain necessitates a nuanced and strategic approach to emissions reduction.
- Operational Facility Electricity Consumption: The energy utilised within our residential facilities and administrative offices constitutes a significant contributor to our indirect emissions profile. This necessitates a focus on energy efficiency and the transition to renewable energy sources.

- **Employee Commuting and Business Travel Logistics:** The transport of staff members between various operational sites and to external engagements generates a measurable carbon footprint. This necessitates the implementation of sustainable transport policies.
- **Waste Management and Disposal Protocols:** Inefficient waste handling practices, particularly the disposal of non-recyclable materials, contribute to landfill emissions and necessitate the adoption of robust recycling and waste reduction strategies.
- Our initial analytical assessment indicates a total carbon footprint for the 2023-2024 period ranging between 600 and 800 metric tonnes of carbon dioxide equivalent (tCO₂e), with the majority attributable to our procurement activities and energy consumption patterns.

Carbon Reduction Objectives:

A Strategic Roadmap for Sustainable Transformation. In alignment with global climate objectives, industry-leading sustainability benchmarks, and our ethical imperatives, Olivian Homes Ltd has established a series of clearly defined, measurable, achievable, relevant, and time-bound (SMART) carbon reduction objectives:

Short-Term Objectives (by 2030):

- Achieve a minimum 25% reduction in Scope 3 emissions (indirect emissions), bringing them to a range of approximately 450-600 tCO₂e.
- Implement a robust sustainable procurement policy, prioritising vendors with verifiable carbon reduction strategies and certifications such as ISO 14001.
- Transition all residential accommodations to 100% renewable energy sources, ensuring that our electricity consumption contributes no greenhouse gas emissions. This will involve exploring the installation of solar panels and obtaining renewable energy certificates.

- Reduce waste generation and increase recycling rates by at least 50% across all properties. This will include conducting thorough waste audits and implementing educational programs for residents and staff.
- Minimise staff travel-related emissions by promoting the use of public transport, cycling, carpooling, and virtual communication platforms. This includes implementing a travel policy and providing incentives for sustainable travel.

Long-Term Objectives (by 2045):

- Achieve a 90% reduction in total emissions, with a primary focus on procurement, energy efficiency, and travel-related emissions.
- Establish a net-zero supply chain policy, ensuring that our vendors and service providers adhere to stringent carbon reduction commitments and transparent reporting.
- Employ carbon capture technologies and verified carbon offset programmes to neutralise any residual emissions that cannot be eliminated through operational modifications, ensuring the offsets are of high quality and permanence.



Procurement and Supply Chain Sustainability:

- Cultivate strategic partnerships with local suppliers to minimise transport-related emissions and support the local economy.
- Engage exclusively with vendors who adhere to sustainable sourcing practices, including the utilisation of recycled materials, ethical labour practices, and transparent supply chain management.
- Conduct periodic sustainability audits of our key suppliers to ensure ongoing compliance with our carbon reduction objectives and to foster continuous improvement.
- Transition to environmentally friendly office supplies, such as recycled paper, biodegradable cleaning agents, and reusable materials.
- Implement a lifecycle analysis on high-volume purchased items.

Energy Efficiency and Renewable Energy Adoption:

- Secure renewable energy contracts for all properties, sourcing electricity from wind, solar, or hydroelectric power, and exploring on-site renewable energy generation.
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- Install LED lighting, motion sensors, and energy-efficient appliances in all accommodations and offices, and improve building insulation.
- Conduct annual energy audits to identify areas for efficiency improvements and implement energy management systems.
- Educate staff and residents on energy conservation practices through workshops and information campaigns.

Sustainable Travel and Transport Policy:

- Implement a comprehensive Green Travel Policy, encouraging the use of public transport, cycling, and carpooling, and providing access to electric vehicle charging stations.
- Minimise the need for business travel through the adoption of virtual meeting solutions and remote collaboration tools.
- Offer incentives for sustainable commuting practices, such as subsidised public transport passes and bike-to-work schemes.
- Gradually transition to low-emission courier services and electric vehicle fleets.

Waste Management and Recycling Initiatives:

- Establish comprehensive recycling programmes across all Olivian Homes Ltd, ensuring the proper segregation and processing of recyclable materials.
- Collaborate with waste management partners to reduce landfill contributions and explore composting options for organic waste.
- Implement paperless office practices and digital documentation systems to minimise paper consumption.
- Conduct sustainability workshops for residents and staff to promote waste reduction and recycling practices.



Completed and Planned Carbon Mitigation Initiatives:

Already Taken:

- Formation of a dedicated Sustainability Committee with defined roles and responsibilities.
- Completion of an initial carbon footprint audit to establish a baseline.
- Establishment of partnerships with environmentally responsible suppliers.
- Implementation of digital administrative processes to reduce paper consumption.

Planned Measures (2025-2030):

- Development and implementation of a comprehensive Supplier Sustainability Framework with clear evaluation criteria.
- Implementation of an Energy Reduction Programme including building retrofits and smart energy management systems.
- Delivery of Carbon Literacy Training to all staff and residents to promote awareness and engagement.
- Engagement in Community Sustainability Initiatives such as tree planting and local environmental projects.
- Implementing a building management system to monitor and control energy usage.

Projected Emission Reductions:

- Reduction from 600-800 tCO₂e to 450-600 tCO₂e by 2030.
- Further reduction of 50-60% by 2040, targeting emissions below 300 tCO₂e.
- Achievement of net-zero status by 2045.

Monitoring and Reporting Progress:

- Annual carbon footprint assessments conducted by an independent auditor.
- Publication of an annual Sustainability Report detailing progress and areas for improvement.
- Regular internal sustainability reviews and performance evaluations.
- Publicly accessible data via a sustainability dashboard.

Compliance and Approval:

This Carbon Reduction Plan aligns with PPN 06/21 guidelines, ISO 14001 standards, and adheres to best practices in environmental sustainability.

Reviewed and approved by:

Name: Mrs Chinwe Dorathy Okam

Position: Director - Olivian Homes Ltd

Date: 01/31/2025

