



Carbon Reduction Plan

Organisation name: Jeenie Solutions Ltd

Baseline year: September 2024 – August 2025

Plan last updated: Review August 2025

Location: Falcon Building, The Hawk Creative Business Park, Hawkhill, Easingwold YO61 3FE

1. Executive Summary

Jeenie Solutions is committed to achieving Net Zero carbon emissions by 2045. Our organisation is founded on sustainability, operating from an ultra-low-energy office complex and taking deliberate action to reduce Scope 1, 2, and 3 emissions across our operations. This Carbon Reduction Plan outlines our baseline year (2024/25), our methodology, and the initial actions we're taking to move toward a low-carbon future.

Our base at the Hawk Creative Business Park provides a strong foundation for our carbon reduction efforts. The site's ultra-low EPC rating of 15, achieved through biomass heating, passive cooling, and low-energy lighting, supports our Scope 2 emission reduction goals. These infrastructure advantages are integral to our strategy for achieving Net Zero by 2045.

2. Meeting the Reporting Requirements

This plan has been produced in compliance with **PPN 06/21** and meets the required reporting standards. It aligns with the **GHG Protocol, Streamlined Energy and Carbon Reporting (SECR)**, and the **Corporate Value Chain (Scope 3) Standard**.

3. Commitment to Achieving Net Zero

Jeenie Solutions commits to achieving Net Zero greenhouse gas emissions by **2045**. We recognise the role SMEs play in driving meaningful change and are embedding sustainability at every level of our business strategy.

4. Carbon Footprint Methodology

We have calculated emissions using UK Government GHG conversion factors, based on:

- Fuel usage (diesel mileage)
- Office energy consumption assumptions (biomass use results in negligible net emissions)
- Scope 3 import emissions based on freight estimates from China

This is a first-year reporting baseline, with future years to show comparative performance.



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5. Baseline Carbon Emissions (Sept 2024 – Aug 2025)

Scope 1 (Direct emissions)

- Diesel van mileage: **12,000 miles**
- Emission factor: 0.241 kg CO₂e/mile
- **Estimated emissions: 2.89 tCO₂e**

Scope 2 (Indirect energy use)

- Office heating from biomass = considered carbon neutral
- Electricity = ultra-low EPC rating, passive cooling and automated LED lighting
- **Estimated emissions: 0.25 tCO₂e**

Scope 3 (Supply chain and transport)

- International freight (bulk shipment from China twice/year):
Est. 2 x 1.5 tCO₂e shipments = **3.0 tCO₂e**
- Hotel stays, flights: None
- Waste/recycling: negligible due to full recycling
- **Total Scope 3: ~3.0 tCO₂e**

Total Estimated Emissions: ~6.14 tCO₂e

6. Emission Reduction Targets

- By 2028: 50% reduction (target: ~3.07 tCO₂e)
- By 2035: 90% reduction (target: ~0.6 tCO₂e)
- Net Zero by 2045

7. Carbon Reduction Projects

- Continued office-based energy efficiency (already in passive low-emission space)
- Switching to electric van by 2028
- Consider carbon offsetting for freight emissions through verified carbon schemes
- Explore options for UK-based warehousing in future phases to shorten supply chain

8. Scope 1 Actions (Van Use)

- Plan transition to electric vehicle by 2028
- Encourage low-speed, fuel-efficient driving practices
- Maintain optimal tyre pressure and vehicle servicing for efficiency

9. Scope 2 Actions (Office Energy Use)

- Maintain high-efficiency office practices already in place (passive cooling, biomass)
 - Add solar panels (subject to building agreement)
 - Smart plug timers and continued use of low-energy LED lighting
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10. Scope 3 Actions

- Maintain bulk freight ordering to limit shipping emissions
- Investigate partnerships with freight carriers using biofuel or offset programmes
- Encourage suppliers to share sustainability credentials
- Document annual waste volumes and aim for zero landfill by 2026

11. Leadership

The Director of Jeenie Solutions (Lee Quickmire) personally oversees sustainability performance and reporting. Emissions reporting and environmental performance are built into business reviews and planning for product development, procurement, and logistics.

12. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance. Emissions have been reported using the UK Government conversion factors and in line with GHG Protocol standards.

Signed:

A handwritten signature in black ink, appearing to be "Lee Quickmire", written over a horizontal line.

Lee Quickmire
Founder & Safe Patient Care Specialist
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