Carbon Emissions Reduction Plan

Document owner: Managing Director, Danpol Ltd.
Baseline year: FY2019/20
Published: 1 December 2025
Scope: Company-wide scope 1, scope 2, and material scope 3 emissions covering construction mobilisation, depots, travel, and supply chain categories.

1. Targets

- Reduce absolute scope 1 and 2 emissions 50% by 2030 versus the 2019/20 baseline (target: 1,250 tCO■e → 625 tCO■e).
- Achieve net-zero operations by 2040 with validated Science Based Targets initiative (SBTi) submission in 2026.
- Cut scope 3 categories 1, 4, and 5 (purchased goods, transport, waste) by 30% by 2030 through supplier interventions.

2. Current performance

FY2024/25 footprint: 820 tCO■e (scope 1+2) and 2,400 tCO■e (key scope 3). Progress is tracked via monthly dashboards, third-party verification, and Constructionline CAS submissions.

3. Decarbonisation initiatives

1. **Fleet electrification:** Transition 60% of vans and welfare units to electric/hybrid by 2027, install rapid chargers at depots and client compounds, and incentivise green car salary-sacrifice uptake.
2. **Renewable energy:** Purchase 100% REGO-backed electricity for offices and depots; deploy solar+battery units for long-duration site compounds.
3. **Low-carbon materials:** Prioritise EPD-backed concrete, steel, and aggregates; collaborate with suppliers on cement replacements (GGBS/PFA) and recycled content.
4. **Logistics optimisation:** Use telematics to enforce anti-idling, optimise routing, and consolidate deliveries; expand offsite fabrication to reduce site emissions.
5. **Waste & circularity:** Achieve 98% diversion from landfill through reuse hubs, segregated skips, and digital waste tracking linked to PAS 402 suppliers.
6. **Energy efficiency:** Upgrade HVAC, LED lighting, and smart BMS across office estate; deploy temporary welfare pods with high-efficiency heat pumps.
7. **Digital mobilisation:** Replace paper RAMS/packs with digital workflows, reducing travel and printing.
8. **Supplier engagement:** Require carbon reduction plans from tier-one suppliers, host quarterly forums, and integrate CO■ intensity KPIs into contracts.

4. Governance & reporting

- Net-Zero Steering Group meets quarterly, chaired by the Managing Director.
- Progress reported to the board, clients, and stakeholders via the Policy Vault and annual ESG report.
- Carbon data is audited annually and stored in the mobilisation evidence log used for PPN 06/21 compliance.

5. Offsets & removals

Residual emissions (projected <10% by 2040) will be balanced via UK woodland creation and verified engineered removals. Offsets are not used to meet interim targets.

6. Review cadence

The plan is reviewed each financial year and whenever significant operational changes occur. Version control, approvals, and evidence (dashboards, supplier attestations) are archived in the Danpol policy vault.

Signed on behalf of Danpol Ltd.:

Daniel Nowakowski

Managing Director

1 December 2025

Digitally signed with authorisation stored in the Danpol policy vault.