

Carbon Reduction Plan 2025

This plan is aimed at reducing Aptus' carbon emissions, commencing with the measurement of carbon production in the year 2024 and implementation of carbon reduction methods. Aptus is committed to achieving Net Zero emissions by 2050.

2023 Baseline Emissions Footprint

As the first stage in implementing a carbon reduction plan and achieving Net Zero emissions by 2050, Aptus measured its carbon output in 2023 to establish a baseline for tracking reduction efforts. We follow the Government's Procurement Policy Notice PPN 06/21 to ensure compliance with technical standards for accurate emissions measurement and reporting.

We utilise the Business Carbon Calculator tool powered by Normative, as recommended by the UK Government's SME Climate Hub. Project-based emissions are calculated using the Government's Greenhouse Gas Reporting: Conversion Factors 2021 dataset.

Our 2023 emissions total 619 tonnes CO₂e across the three scopes:

Scope 1 – 28.7 tonnes CO₂e

Scope 2 – 3.27 tonnes CO₂e

Scope 3 – 587.92 tonnes CO₂e

The detailed carbon emission report is contained on the following page.

Decarbonisation and Sustainability Working Group

To drive emissions reduction, Aptus has established a Decarbonisation and Sustainability Working Group to review all business operations, including site activities, and identify opportunities for reducing emissions and enhancing sustainability (economic, social, and environmental).

Carbon Reduction Strategy on Projects

For every project, Aptus implements a Carbon Reduction Strategy (CRS) managed by the HSEQ Manager. Reducing carbon emissions in construction projects starts at the design stage, with the Design Team supporting the HSEQ Manager in designing and advising with carbon efficiency in mind. The CRS includes:

- Following SKA and BREEAM guidance to reduce carbon emissions in design
- Implementing our Sustainable Procurement Plan at tender stage and throughout the project
- Enforcing our Environmental Management and Sustainability Policy, including a Waste Management Plan and Energy Monitoring and Reduction Plan
- Integrating carbon reduction into project-specific Social Value and Sustainability Delivery Plans, covering aspects such as transport to site, local supply chain engagement, and virtual communication to reduce travel emissions

Aptus acknowledges the current limitations in measuring all Scope 3 emissions and will expand resources to enhance emissions measurement and reporting capabilities.

Carbon, Energy, Water, and Waste Reduction Targets

Carbon Emissions Reduction Targets

- Short-term (by 2026): Reduce Scope 1 & 2 emissions intensity by 30% per £1m turnover and Scope 3 emissions intensity by 15% per £1m turnover compared to 2023 levels.
- Mid-term (by 2030): Reduce Scope 1 & 2 emissions intensity by 60% per £1m turnover and Scope 3 emissions intensity by 40% per £1m turnover.
- Long-term (by 2040): Achieve Net Zero operational emissions and a significant reduction in Scope 3 emissions.

Energy Reduction Targets

- Short-term (by 2026): Reduce total energy consumption by 15% per £1m turnover.
- Mid-term (by 2030): Achieve a 40% reduction in energy consumption per £1m turnover.
- Long-term (by 2040): Transition to 100% renewable electricity and net-zero operational energy.

Water Reduction Targets

- Short-term (by 2026): Reduce water consumption by 10% per £1m turnover.
- Mid-term (by 2030): Achieve a 25% reduction in water consumption per £1m turnover.
- Long-term (by 2040): Implement closed-loop water systems and rainwater harvesting on all feasible sites.

Waste Reduction Targets

- Short-term (by 2026): Reduce total waste by 10% per £1m turnover while maintaining at least 99% diversion from landfill.
- Mid-term (by 2026-2030): Achieve a 40% reduction in waste per £1m turnover and work towards zero waste to landfill.
- Long-term (by 2040): Fully integrate circular economy principles and eliminate landfill waste from operations.

Key Actions for Waste Reduction:

- ✓ Improve Material Efficiency: Reduce waste at the source by optimising material use.
- ✓ Enhance Recycling & Reuse: Increase on-site material reuse and collaboration with suppliers.
- ✓ Implement Circular Economy Practices: Partner with supply chain members for material recovery.
- ✓ Waste Segregation: Increase on-site recycling rates through improved waste sorting and tracking.
- ✓ Sustainable Procurement: Prioritise suppliers that offer recyclable or reusable materials.
- ✓ Contractor Training: Ensure subcontractors follow waste minimisation best practices.

Accountability and Progress Tracking

Aptus' Board of Executive Directors holds overall responsibility for embedding this plan into the business and communicating the approach to internal employees, subcontractor partners, and supply chain members.

This plan will be reviewed annually to ensure it remains fit for purpose. During the review process, data will be collected to provide an overview of performance against these targets.

Signed by Aptus Board of Directors



Date: 01/04/2025

Chris Price

Managing Director

Revision due April 2026