

Carbon and Waste Reduction Plan

Effective Date: 1st January 2025

Version: 3

Introduction

Bradley Environmental Consultants Ltd (BECL) is aiming to achieve Net Zero greenhouse gas (GHG) emissions by 2040, ahead of the UK Government's 2050 target. This Carbon Reduction Plan outlines our strategic measures, establish and reduce baseline carbon emissions, and specific actions to reduce our carbon footprint across all operational areas.

BECL is in the process of establishing its baseline carbon and GHG emissions footprint, which will serve as a reference point for all future reduction efforts. This baseline will be calculated using industry-standard methodologies and will be finalised by April 1, 2025. Additionally, BECL will publish its current carbon/GHG emissions footprint as part of its first annual review in 2025, ensuring transparency and accountability.

Looking ahead, we'll make sure to keep up with the latest industry developments so that this plan stays relevant and effective. We've also set up a dedicated team to tackle the challenges of achieving these goals head-on, finding smart ways to turn them into opportunities for innovation and improvement.

Current Emissions Reporting

Reporting year: 2024/2025

Emissions	Total (tCO₂e)
Scope 1	301
Scope 2	41.4
Scope 3	243
Total Emissions	585

Bradley Environmental Consultants Limited commits to reduce absolute scopes 1, 2 and 3 GHG emissions by 42% by 2035 from a 2025 base year.

Current Carbon and Waste Reduction Measures

Fleet Electrification

Overview: Bradley Environmental Consultants Limited (BECL) has undertaken a comprehensive initiative to reduce its carbon footprint by transitioning its vehicle fleet to low-emission alternatives.

Action: Replaced 90% of the company fleet with hybrid vehicles and 10% with fully electric vehicles.

Impact: This change has significantly reduced carbon emissions by cutting down fuel consumption and reliance on traditional internal combustion engine vehicles.

To go even further, BECL plan to look into transitioning the remaining hybrid vehicles to fully electric models as battery technology advances and charging infrastructure becomes more accessible. Additionally, the company may explore partnerships with renewable energy providers to ensure that all EVs are powered by green electricity. Incentivising staff to adopt EVs for personal use through salary sacrifice schemes or other benefits could also amplify the impact,

Installation of EV Charging Points

Overview: To support the electrification of its fleet and encourage the adoption of electric vehicles among employees and visitors, BECL has installed electric vehicle (EV) charging points at all office locations.

Action: Strategically installed EV charging infrastructure to ensure accessibility for company vehicles.

Impact: Facilitates the transition to electric mobility, reduces reliance on fossil fuels, and enhances convenience for EV users. This initiative complements the company's fleet electrification goals and promotes sustainable commuting options for employees.

To build on this progress, BECL will consider increasing the number of charging points at offices to meet growing demand as more staff transition to electric vehicles. In addition, introducing smart charging systems that optimise electricity usage during off-peak hours would help reduce costs and environmental impact. These efforts would position BECL as a leader in supporting the shift towards sustainable transportation.

Energy Efficiency in Buildings Upgrades

Overview: BECL has implemented energy-saving measures across its offices to reduce Scope 2 emissions.

Action: Retrofitted office spaces with energy-efficient LED lighting, introduced smart thermostats, and optimised heating, ventilation, and air conditioning (HVAC) systems.

Impact: Achieved an up to 15% reduction in annual electricity consumption, decreasing overall operational emissions.

To further enhance energy efficiency, BECL could explore integrating renewable energy sources like solar panels to power office operations. Incorporating advanced energy management systems with real-time monitoring could help identify additional opportunities for reducing electricity consumption. Additionally, offering training to employees on sustainable practices, such as responsible use of energy-intensive equipment, would foster a culture of conservation and further decrease operational emissions. By continuing to innovate and invest in green technologies, BECL can build on its successes and significantly advance its Net Zero ambitions.

Waste Reduction and Recycling

Overview: BECL has adopted a proactive approach to waste management, emphasising recycling and the reduction of single-use materials.

Action: Implemented robust recycling programs for all waste streams, ensuring proper segregation and disposal of paper, plastic, and e-waste.

Action: Phased out single-use plastics and promoted the use of reusable alternatives in office operations, such as refillable bottles and sustainable packaging.

Impact: Reduced waste sent to landfill by 30% over two years, aligning with circular economy principles and our reduction targets.

Digital Transformation

Overview: BECL has embraced digital tools and workflows to minimize resource consumption and enhance operational efficiency.

Action: Reduced paper usage by over 90% through digitized workflows, e-signatures, and cloud-based collaboration tools.

Action: Adopted remote meeting solutions such as video conferencing platforms to replace business travel for internal and client meetings.

Impact: These changes have cut down paper waste and significantly reduced emissions from business travel, contributing to lower emissions.

BECL plans to build on this by exploring advanced technologies such as AI-driven process optimisation and energy-efficient data storage solutions to further enhance sustainability. The organisation will also invest in employee training programs to ensure seamless adoption of digital tools and foster a culture of continuous improvement. Additionally, BECL intends to collaborate with partners and clients to implement eco-friendly practices across the value chain, aiming for broader environmental impact and alignment with global sustainability goals.

Sustainable Sourcing and Operations

Overview: BECL actively works with suppliers who follow sustainable practices.

Action: Shifted procurement to suppliers with carbon-neutral certifications and introduced paperless systems across operations to reduce waste.

Impact: Reduced emissions linked to supply chain activities and lowered paper usage by 65% over two years.

BECL aims to deepen its commitment to sustainable procurement by engaging suppliers in collaborative initiatives to innovate and implement greener supply chain practices. The company will prioritise partnerships with suppliers that demonstrate measurable progress toward net-zero goals and adopt circular economy principles.

Participation in Tree-Planting Programs

Overview: To offset unavoidable emissions, by 1st April 2025, BECL aims to partner with The Woodland Trust to contribute to afforestation initiatives in the UK.

Action: BECL aim to sponsor the planting of 500 native trees annually as part of reforestation efforts.

Impact: Captures approximately 12 tonnes of CO₂ annually, contributing to carbon sequestration.

Staff Commuting and Travel Policies

Overview: BECL has implemented policies to encourage sustainable travel for staff.

Action: Introduced flexible working and home working policies, reducing employee commuting emissions. Additionally, incentivised the use of public transport and carpooling.

Impact: Reduced commuting-related Scope 3 emissions by 20% over three years.

These initiatives highlight BECL's comprehensive approach to reducing emissions, enhancing sustainability, and aligning with its goal of achieving carbon neutrality by 2050.

The organisation will expand its incentives for low-emission travel, such as subsidies for electric vehicle purchases and the installation of EV charging stations at office locations. Additionally, BECL intends to partner with local governments and organisations to advocate for improved public transport infrastructure and accessibility locally. To sustain momentum, the company will regularly review and update its travel policies, ensuring alignment with evolving sustainability standards and employee needs.

Future Goals

- BECL is committed to incremental reductions in emissions, aiming to:
- Establish our current carbon/GHG emissions footprint by 1st April 2025.
- Establish our carbon/GHG emissions reduction targets by 1st April 2025.
- Establish a recognised standard to measure our carbon/GHG emissions footprint by 1st April 2025.
- Our plan will be third-party verified by 1st April 2025.
- Continue to identify and implement further carbon/GHG reduction initiatives.
- Committed to transitioning to renewable energy sources to power its office operations.



BECL's Carbon Reduction Plan demonstrates our commitment to sustainability and environmental responsibility. Through strategic action, innovative solutions, and a collaborative approach, we aim to significantly reduce our carbon footprint while supporting the UK's Net Zero ambitions. This plan will evolve as we progress, ensuring it remains aligned with the latest best practices and technologies.

Signed

A handwritten signature in black ink, appearing to read "Adam Crellin".

Adam Crellin

Director