

Carbon Reduction Plan

Supplier name: Biffa Limited

Publication date: June 2025

Application

This Carbon Reduction Plan is for the whole Biffa group and applies to all trading entities and supplementary companies and divisions within the Biffa Group, including but not exclusively:

- Biffa Waste Services Ltd
- Biffa Municipal Ltd
- Biffa Environmental Municipal Services Ltd
- Biffa Landfill Solutions Ltd
- Company Shop Ltd

Commitment to achieving Net Zero

Biffa is committed to achieving Net Zero emissions by no later than 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: Scope 1&2 = FY19 (April 2018 – March 2019) Scope 3 = FY22 (April 2021 – March 2022)	
Additional Details relating to the Baseline Emissions calculations.	
Scope 1 and 2 emissions are based on FY19 figures Scope 3 figures were rebased for FY22 after the group's acquisition of Viridor.	
Baseline emissions	Total (tCO₂e)
Scope 1	779,184
Scope 2	31,145 (market and location based)

Scope 3 (Included Sources)	905,594 (base year of 2022)
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Current Emissions Reporting

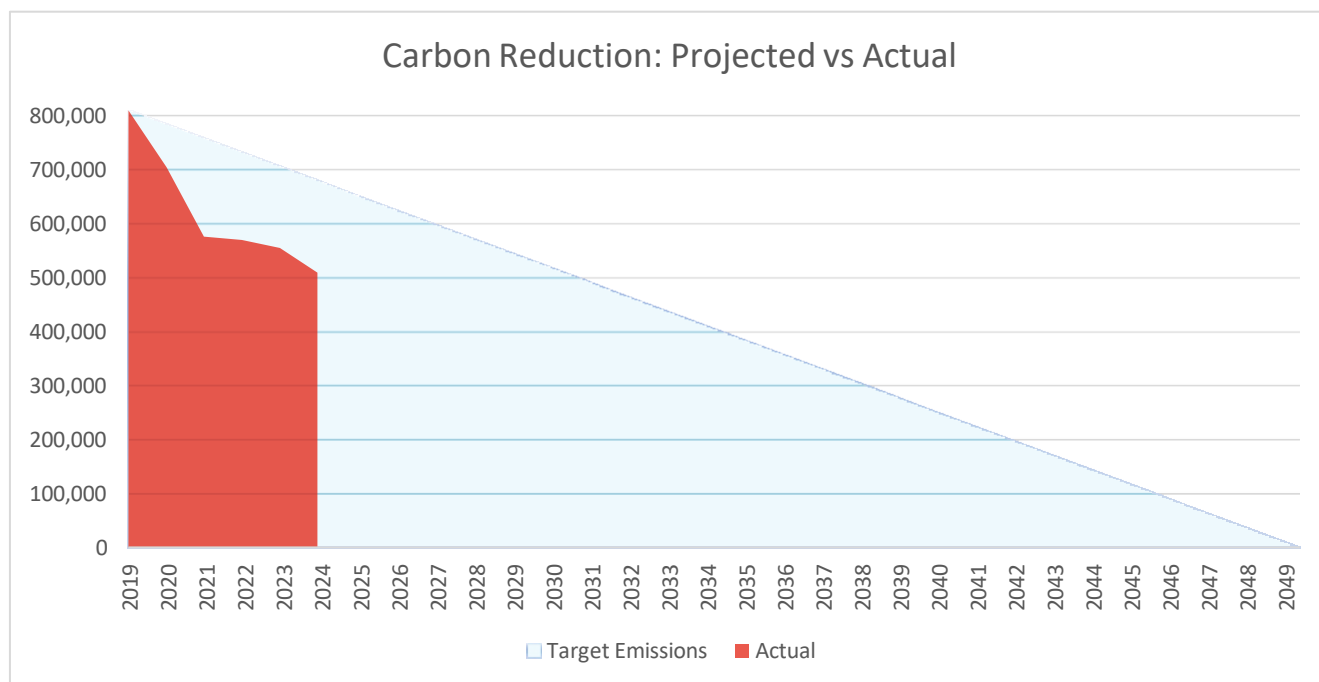
Reporting Year: FY24 (April 2023 – March 2024)	
Emissions	Total (tCO ₂ e)
Scope 1	492,834
Scope 2	16,786 (Market Based)
Scope 3 (Included Sources)	844,749
Total Emissions	1,354,369 (market based)

Emissions reduction targets

In order to help us achieve Net Zero, we have adopted the following near term carbon reduction targets.

We have committed to reduce our Scope 1 and 2 carbon emissions by 50% from the 2019 baseline by 2030. This means we will reduce our Scope 1 and 2 emissions to 389,592 tCO₂e by 2030.

Progress against this target can be seen in the graph below:



*Recalculated in 2024 due to threshold for recalculation being exceeded.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 300,710 tCO₂e, a 37% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

As part of our emissions reduction strategy to be net-zero no later than 2050 across Scope 1 and 2 emissions, we have a near-term target to reduce our Scope 1 and 2 emissions by 50% by 2030 and reduce scope 3 emissions by 25% in the same timeframe. Our near-term Scope 1, 2 and 3 emissions targets have been approved by the Science Based Targets initiative (SBTi). As part of this we have also set a supplier engagement target, by which a 27.6% of our suppliers by emissions will have to set their own science-based targets by 2027. We held a supplier engagement day in February 2024 to outline what was required from our suppliers and continue to work collaboratively with our suppliers to achieve our target.

Our carbon reductions to date have been achieved through the continued improvement of our landfill gas capture and efficiency gains within our operations. Examples of these are detailed below.

Biffa has built the largest, most efficient Industrial and Commercial (I&C) collection platform in the UK, with our acquisitions helping us improve collection route efficiency and unlock carbon-saving benefits through consolidating our fleet. We have started to convert our collections fleet away from diesel towards alternative fuels and continue to explore a range of options to help us deliver our target to purchase no more diesel-fuelled vehicles beyond 2030. Since the launch of our sustainability strategy our M&A activity and improved route mapping has led to the removal of 68 diesel vehicles from our fleet, saving of 2,900 tCO₂e per year.

As part of our decarbonisation journey, we continue to trial the use of Battery Electric Vehicles (BEVs) across our fleet. In 2019, we began a project with Manchester City Council to utilise 27 electric refuse-collection vehicles (E-RCVs). We have now added over 150 alternatively fuelled vehicles to our fleet including our first electric skip loader which operates on the Isle of Wight. This includes both BEVs and transitioning traditional internal combustion engine (ICE) assets to hydrotreated vegetable oil (HVO).

We have also made changes to our fleet of company cars. We have saved 879 tCO₂e across our company car fleet following the introduction of our new company car scheme in September 2023. This is a reduction of over 56% compared to the previous year and has been achieved by the roll-out of electric and plug-in hybrid cars. To support our employees in this change, we have 165 charge point sockets across our portfolio with more to be installed in the coming year.

We also consider the electricity consumed at our sites. In FY20 we transitioned our portfolio to a new energy management system to aid more granular data analysis. We have also completed a Non-Half Hourly (NHH) meter replacement exercise to allow us to have greater understanding of our electricity usage and quickly identify problems.

During FY23 we moved our facilities management inhouse and implemented a Computer Aided Facilities Management System which has allowed for the development of regional networks, reducing the mileage travelled for reactive maintenance. We also operate a rolling upgrade programme of energy efficiency improvements across our sites. In FY24 we have fitted 90

external LED floodlights and a new roof insulation project has been installed at our Head Office to provide greater energy efficiency. It is estimated that these improvements will save c.25tCO₂e per year.

In FY22 we completed energy and utility audits in our Municipal division. Building on the success of these, during FY23 and FY24 our Resources and Energy business have undertaken energy and utility audits to identify potential areas for energy efficiency improvements to be made. By identifying our sites individual energy usage, we can take more effective measures to reduce the energy consumption.

We have received 'B' rating from CDP for the Climate Change questionnaire and A- for the supplier segment. We have also submit our credentials to Ecovadis each year. These demonstrate our commitment to sustainability.

In the future we will continue to work towards the KPIs outlined in our Sustainability Strategy and implement further measures. Initiatives that are designed to help us achieve these targets and reduce our emissions include:

- Use the mileage of our collection vehicles and the number of lifts they do to determine collection route efficiency. We have set a target to increase our collection route efficiency by 10% by 2025 and 20% by 2030. By improving our collection route efficiency through rerouting or removing vehicles we are able to reduce our carbon emissions.
- Continue to work with our supply chain to explore opportunities for alternative fuelled vehicles and have set out an alternative fuel strategy.
- Continue to explore renewable energy sources including the installation of solar on our sites. This includes 3 sites where we have submitted planning permission.
- Work collaboratively with our suppliers so we can reduce our value chain emissions.

As a result of our positive progress to date, we are well on course to achieve our targets to reduce carbon emissions by 50% by 2030 and net zero no later than 2050.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Sarah . C. Parsons

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Updated: 24 June 2025

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>