



Cabinet Office

**GRUNDON**

## **Carbon Reduction Plan PPN06/21**

**Supplier Name:  
Grundon Waste Management Ltd**

**Publication date: 9<sup>th</sup> January 2024**  
Version 1.2 – September 2024



## Commitment to achieving Net Zero

Grundon Waste Management is committed to achieving net-zero emissions by 2040. This ambitious target includes all Scope 1, Scope 2 and Scope 3 emissions.

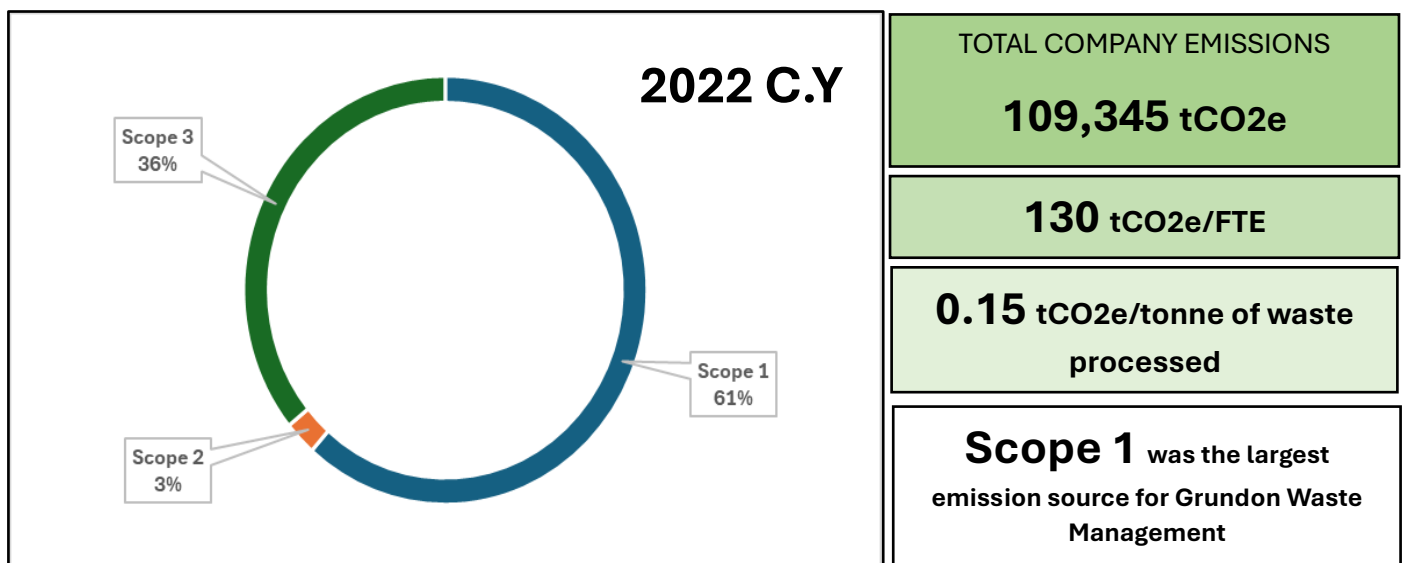
## Baseline Emissions Footprint

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.

<b>Baseline Year: 1<sup>st</sup> January to 31<sup>st</sup> December 2022</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p><i>Grundon Waste Management has historically measured carbon emissions (Scope 1 and 2) since the year 2000. In our Plan, 2022 has been used as the baseline year due to the measurement of and inclusion of Scope 3 data.</i></p> <p><i>The Greenhouse Gas Protocol’s Corporate Accounting and Reporting Standard (WR1 and WBCSD, 2011) has been used to calculate these figures. The calculation has been externally verified.</i></p>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	67,639.8
Scope 2	2860.4
Scope 3 (Included Sources)	39,445 Includes Categories 1, 2, 3 ,4, 6, 6, 9, 10, 13 & 15, others were scoped out of the calculation.
<b>Total Emissions</b>	<b>109,945 tCO<sub>2</sub>e</b>

Current Emissions Reporting

Reporting Year: 2022 (same as baseline)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	67,639.8
Scope 2	2,860.4
Scope 3 (Included Sources)	39,445
<b>Total Emissions</b>	<b>109,945 tCO<sub>2</sub>e</b>

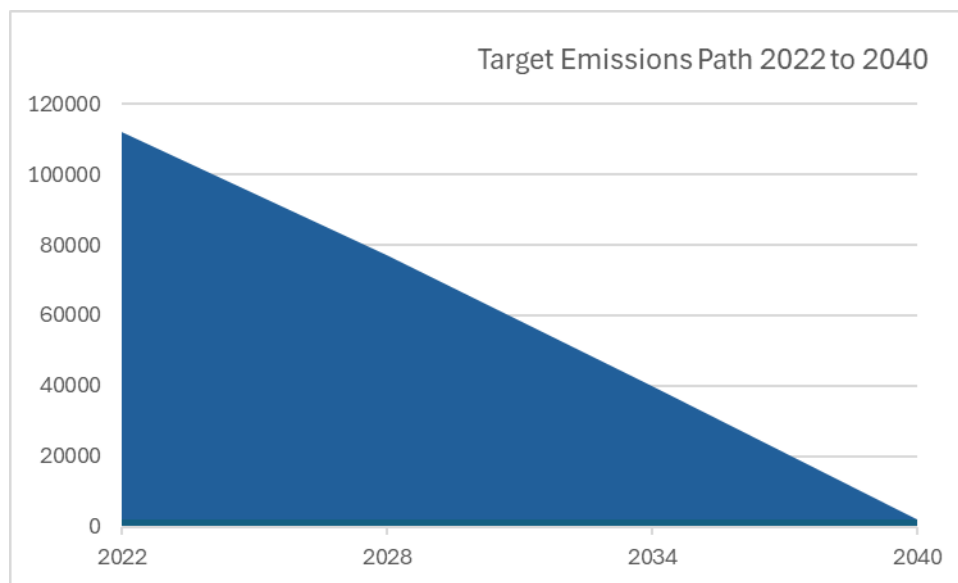


## Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted more stringent targets than the Government’s one of 2050 by looking to achieve Net Zero by 2040.

We project that carbon emissions will decrease over the next five years to 80,000 tCO<sub>2</sub>e by 2029. This is a reduction of 27.2%.

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

Since 2022 is our baseline year and is the only full year of data which has been calculated inclusive of Scope 3, it has not been possible to quantify total emission reductions achieved since this date at the time of writing.

From a holistic view however, since 2000 Grundon has decreased our Scope 1 and Scope 2 emissions by 69.8% [Calculated from: 233,144 tCO<sub>2</sub>e (2000) to 70,500.2 tCO<sub>2</sub>e (2022)].

Grundon as a company is passionate for pursuing environmental improvement in all that we do, being certified to ISO 14001 and from an energy-specific perspective, ISO 50001. These are externally audited by BSI.

We have invested in more effective handling of our Landfill Gas (LFG) through considerate design in construction, alongside utilising gas for energy production. We currently self-supply most of the electricity consumed on several of our landfill sites.

Alongside LFG, we are investing in cleaner energy across our sites, including harnessing solar power and advancing the decarbonisation of our fleet. To date, we have in operation four fully electric BEV waste collection vehicles, a dual-fuel hydrogen collection vehicle, and

a rapidly electrified company car fleet. We have had our fleet accredited as Carbon Neutral since 2014; this year we are off-setting 6,352 tCO<sub>2</sub>e by supporting a cookstove project in Kenya and a community solar scheme in India.

We have also launched a UK-first inhaler return scheme for the NHS, helping to enable carbon savings through recycling of the HFC contained within. Finally, energy efficiency is a prime approach to reduce emissions, and we have been proactive in considering LED lighting to replace outdated FLT fixtures.

In the future we hope to implement further measures such as:

- During 2024 we will be registering and committing to our targets through the Science Based Initiative.
- Improving our measurement of Scope 3 emissions to improve the accuracy of our reporting.
- Continue to expand our reliance on ICE within our fleet of vehicles and invest in more electric and other alternative fuels.
- Increasing our use of renewable energy.
- Working with our customers to encourage them to reduce the amount of waste they produce and educate them to start seeing it as a resource.



**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 standard<sup>1</sup> and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)<sup>2</sup>.

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) Standard<sup>3</sup>.

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:**

A handwritten signature in black ink, appearing to be "I. K. B.", with a long horizontal line extending to the left and a wavy line extending to the right.

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Date: 09/01/24

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

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

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