



# 2022 Carbon Reduction Plan

ACHIEVING NET ZERO BY 2035

# Our commitment to achieving Net Zero

WGS Waste Management is committed to achieving Net Zero emissions by 2035.

Publication date: 01/09/2023

## Baseline emissions footprint

Baseline year: 2022 (1/01/2022 – 31/12/2022)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2022 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2022

Emissions		Total (tCO <sub>2</sub> e)
	Scope 1	5.02
	Scope 2	0.56
	Scope 3	2.91
Included Sources	Business travel	0.00
	Employee commuting	2.45
	Upstream transportation and distribution	0.46
	Downstream transportation and distribution	0.00
	Waste generated in operations	0.00
Total Emissions		8.49



## Current emissions footprint

Reporting year: 2022 (1/01/2022 – 31/12/2022)		
The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2022 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.		
Reporting year emissions: 2022		
Emissions		Total (tCO <sub>2</sub> e)
	Scope 1	5.02
	Scope 2	0.56
	Scope 3	2.91
Included Sources	Business travel	0.00
	Employee commuting	2.45
	Upstream transportation and distribution	0.46
	Downstream transportation and distribution	0.00
	Waste generated in operations	0.00
Total Emissions		8.49

## Reporting period

WGS Waste Management will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK Operations from 1st January to 31st December.

## Baseline year & current reporting year

Due to 2022 being the first year we have measured our CO<sub>2</sub>e emissions, the report for the Baseline Year and Current Reporting year contains the same figures. Due to this, the explanations below apply to both sets of data:

### Scope 1

Scope 1 is reported as 5.02 tCO<sub>2</sub>e in 2022 as we have tracked the mileage travelled by our fleet. WGS Waste Management do not have boilers, on-site manufacturing, or f-gases to report emissions on.

### Scope 2

Within Scope 2, we have measured the emissions released from working from home and the consumption of purchased gas and electricity in office. With WGS Waste Management employees making the most of hybrid working, we have calculated 1 out of 5 days as spent working from home

and the other 4 from the office. Heating, lighting and computer consumption have all been taken into account to calculate emissions released due to working from home.

## Scope 3

Scope 3 is quantified as the four following sections.

### Business Travel

The Business Travel Subset in Scope 3 is reported as 0 tCO<sub>2</sub>e in 2022 due to WGS Waste Management not travelling by Air, Rail, Bus, travel in rental cars or travel in employee-owned vehicles other than the commute to and from work. All employee travel is therefore reported in the Employee Commuting Subset of Scope 3.

### Employee Commuting

The emissions resulting from employee commuting have been calculated at 0.46 tCO<sub>2</sub>e, considering factors such as the distance travelled, mode of transportation, and average fuel consumption. This calculation accounts for the total commuting emissions generated by our employees and the corresponding greenhouse gas emissions associated with their transportation choices.

### Upstream & Downstream transportation and distribution

The emissions resulting from upstream and downstream transportation have been assessed and quantified at 3.07 tCO<sub>2</sub>e. This calculation considers the transportation activities involved in sourcing materials and delivering finished products, taking into account factors such as distance travelled, modes of transportation, and fuel consumption. It accounts for the greenhouse gas emissions generated during both the upstream and downstream transportation processes, contributing to a comprehensive understanding of our carbon footprint.

### Waste Generated in Operations

As of now, WGS Waste Management does not have a waste removal provider. Therefore, we do not have access to specific data regarding CO<sub>2</sub>e emissions related to waste disposal.

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 4.24 tCO<sub>2</sub>e by 2028. This is a reduction of 50%

## Carbon reduction projects

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction initiatives:

- » Automatic LED lightning in the office to prevent electricity being wasted.
- » Introduced a hybrid working scheme, allowing employees to work from home reducing emissions.

## 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<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.

Signed on behalf of the Supplier:

Date:

<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>