



## 1. INTRODUCTION

This Greenhouse Gas (GHG) Emissions Report presents the carbon footprint of Planteria Group for the reporting period 2023. The report aligns with **ISO 14064-1:2019** and provides transparency regarding our emissions inventory, methodology, and reduction efforts.

## 2. ORGANISATIONAL BOUNDARIES

Organisational and reporting boundaries have been defined in alignment with ISO 14064-1:2019. We will disclose any significant changes to our boundaries as part of our commitment to transparent GHG emissions reporting.

In line with ISO 14064-1:2019 the control approach has been taken which covers all facilities and activities that Planteria has operational control over.

Organisational boundaries defined using the operational control approach. All sites Planteria are responsible for have been included within boundaries and have been selected to be a true and fair representation of our core activities as a business.

## 3. METHODOLOGY

The emissions inventory follows the **GHG Protocol, ISO 14064-1:2019, Streamlined Energy and Carbon Reporting (SECR) and Policy Procurement Notice 06/21 Carbon Reduction Plan (PPN 06/21 CRP)** standards. The data sources include utility bills, fuel purchase records, and internal monitoring systems.

Planteria have adopted the use of the UK Government GHG conversion factors in order to convert activity data into tCO<sub>2</sub>e. These are updated annually in June by the Department for Business, Energy & Industrial Strategy.

As part of Planteria's commitment to continuous monitoring of its emissions, the most up-to-date emission factors will be used to track trends. As factors are generally released mid-year, the newest factors will then be retrospectively applied to activity data to report on emissions most accurately. For the reporting period being examined in this report the 2023 UK DEFRA emissions factors have been applied. For categories including capital goods, purchased goods and services and downstream leased assets (servers) where the spend-based approach was taken, the Office for National Statistics GHG intensity emission factors were utilised where relevant.

### 3.1 EMISSION CATEGORIES

Emissions are categorised as follows:

- **Scope 1 (Direct GHG emissions and removals):** Stationary combustion, company vehicles, process emissions.
- **Scope 2 (Indirect GHG emissions from imported energy):** Purchased electricity.
- **Scope 3 (Other GHG Indirect Emissions):** Business travel, supply chain emissions, commuting, purchased goods and services, capital goods, waste disposal, water supply, downstream leased assets, homeworking





#### 4. EMISSIONS SUMMARY

The total GHG emissions for 2023 are as follows:

##### EMISSIONS BY SCOPE - 2023

	TONNES CO2E	% OF TOTAL EMISSIONS
SCOPE 1	368.94	38.63
SCOPE 2 (LOCATION)	28.17	2.95
SCOPE 2 (MARKET)	40.27	4.22
SCOPE 3	558.01	58.42
<b>TOTAL (LOCATION)</b>	<b>955.13</b>	
<b>TOTAL (MARKET)</b>	<b>967.22</b>	

#### 5. REDUCTION INITIATIVES

To minimize our carbon footprint, we have implemented the following measures:

- Look at introducing renewable energy sources.
- Improving energy efficiency in facilities and equipment.
- Encouraging low-carbon transportation for employees and reduce emissions associated with commuting.
- Engaging with suppliers to reduce Scope 3 emissions.
- Making an organisation commitment to reducing emissions to achieve Net Zero by 2050 or earlier.
- Annually quantifying and declaring emissions of GHGs.

#### 6. VERIFICATION AND ASSURANCE

This report has been independently verified. The assurance was conducted by **NQA** to ensure accuracy and compliance with international reporting standards. (Verification Opinion Statement ISO 14064-1:2019).

#### 7. CONCLUSION

Planteria remains committed to reducing our carbon footprint and continuously improving our sustainability efforts. Future reports will track our progress, help maintain consistency and accuracy in results and outline additional strategies for emissions reduction.

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