

CARBON REDUCTION PLAN

Commitment to achieving Net Zero

Engenda Group is committed to achieving Net Zero emissions by 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.

The table below summarises the GHG emissions for reporting year: **1st of January 2020 to the 31st of December 2020**. This is the first year Engenda has assessed its emissions, and this will set the baseline for future assessments.

Baseline Year: 2020	
Additional Details relating to the Baseline Emissions calculations.	
<p>Engenda has appointed Carbon Footprint Ltd, a leading carbon and energy management company, to independently assess its Greenhouse Gas (GHG) emissions in accordance with the UK Government’s ‘<i>Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting Guidance</i>’.</p> <p>The GHG emissions have been assessed following the ISO 14064-1:2018 standard and has used the 2020 emission conversion factors published by Department for Environment, Food and Rural Affairs (Defra) and the Department for Business, Energy & Industrial Strategy (BEIS). The assessment follows the location-based approach for assessing Scope 2 emissions from electricity usage. The financial control approach has been used. During 2020 the Company’s operations were reduced by the Covid-19 pandemic.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	244.23
Scope 2	118.16
Scope 3 (Included Sources)	158.31
Total Emissions	530.69

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Current Emissions Reporting

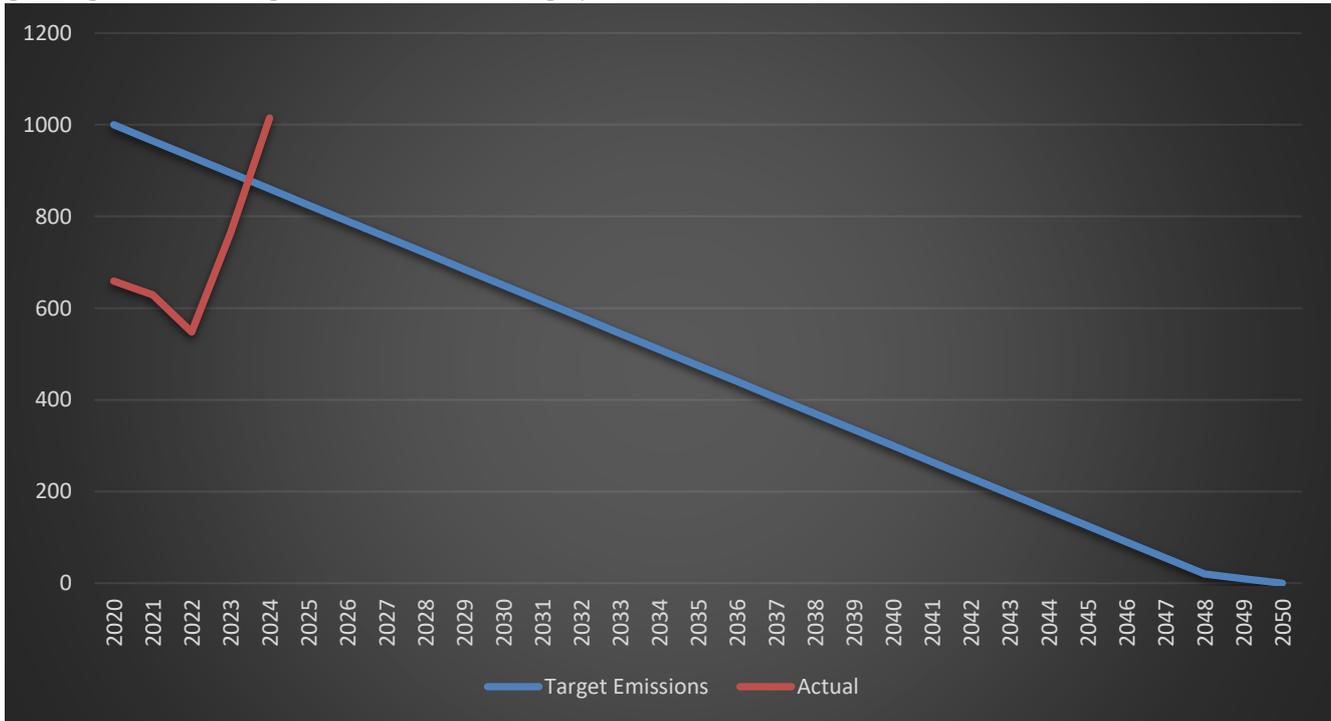
Reporting Year: 2024	
EMISSIONS	Market Based TOTAL (tCO ₂ e)
Scope 1	587.97
Scope 2	59.36
Scope 3 (Included Sources)	367.28
Total Emissions	1014.61

Emissions reduction targets

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

- A 50% reduction in emissions per employee by 2030
- A 90% reduction in emissions per employee by 2045
- A 50% reduction in overall emissions against the 2024 carbon emissions by 2035

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



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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Since the 2020 baseline, Engenda has implemented a range of environmental management measures and projects. While accurately assessing the full extent of emissions reductions is challenging—due to the disruptions caused by the Covid-19 pandemic in 2020 and 2021, and the subsequent recovery period—2024 turnover levels are now more comparable to those of 2019, offering a more reliable baseline for evaluation. Despite these challenges, Engenda has made significant efforts over the past four years to reduce emissions, as outlined below.

Reducing company car mileage by;

- increased use of MS Teams (completed & ongoing)
- Home/Hybrid working (completed & ongoing)

Reduction in electricity usage by switching to LED lighting and PIR sensors (ongoing phased implementation) and continued energy audits to see where savings can be made.

Existing facility in Elland which was previously the largest consumer of energy has been sold and replaced with a smaller facility. Further reductions in offices/workshops are being made.

EV company car fleet;

- Engenda currently have a full EV fleet of company cars
- Options for commercial EV fleet to be considered.

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

- 5% mileage reduction
- investigate switching to renewable energy tariffs where possible
- conduct studies in to installing on-site renewable power generation (PV)
- replacing all internal lighting with LEDs
- installing PIR sensors throughout the sites
- offset carbon footprint by supporting change solutions around the world

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.

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

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

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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.



Lee Foundation - Managing Director
 Engenda Group
 16 January 2025

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

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