



Carbon Reduction Plan v2024

Supplier name: Wonde Limited

Publication date: June 2024

Commitment to achieving Net Zero

Wonde Limited is committed to achieving Net Zero emissions by 2030

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: 2021 (data April 2021 to March 2022)	
Additional Details relating to the Baseline Emissions calculations.	
The baseline year is the first year of collate the emissions and consumption data and the company will be refining are management process for the collation and reporting of the emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	12.1 tCO ₂ e – This is associated with the natural gas consumption
Scope 2	0 - The electricity used by the company is supplied via a REGO certified green electricity supply contract
Scope 3 (Included Sources)	0.46 tCO ₂ e – Electricity supply T&D emissions 3.5 tCO ₂ e – Staff commuting to the offices

	0.048 tCO ₂ e – Emissions associated with the water and wastewater consumption 900 tCO ₂ e – Third party data centre related emissions
Total Emissions	16.2 tCO ₂ e (excluding the data centre) 916 tCO ₂ e (including the data centre)

Current Emissions Reporting

Reporting Year: 2023 (data April 2023 to March 2024)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	4.8 tCO ₂ e – This is associated with the natural gas consumption 2.3 tCO ₂ e - Business Travel, associated with company owned vehicles
Scope 2	25.98 tCO ₂ e – This is associated with electricity consumption
Scope 3 (Included Sources)	2.2 tCO ₂ e – Electricity supply T&D emissions 0.8 tCO ₂ e – Natural gas supply T&D emissions 13.8 tCO ₂ e – Business Travel (in vehicles not owned or operated by reporting company) 20.1 tCO ₂ e – Employee Commuting 0.03 tCO ₂ e – Emissions associated with the water consumption and associated wastewater generation 2.85 tCO ₂ e – Third party data centre related emissions
Total Emissions	72.9 tCO ₂ e

GHG Scope 3 Emission review

The following is a review of the five Scope 3 GHG categories that are detailed in the *Technical standard for Completion of Carbon Reduction Plans*.

- **Category 4, Upstream transportation and distribution** – this does not apply as there are no applicable emissions associated with the operations of Wonde Limited.
- **Category 5, Waste generated in operations** – other than domestic waste there is negligible waste generated by the operations of Wonde Limited.
- **Category 6, Business Travel** – the processes for the capture of the data for business related activities, in facilities not owned or controlled by Wonde Limited, has been put in place to enable the data to be included in the submission for 2023.

- **Category 7, Employee commuting** – an estimated emission factor is included in the submission data.
- **Category 8, Downstream transportation and distribution** – this does not apply as there are no applicable emissions associated with the operations of Wonde Limited.

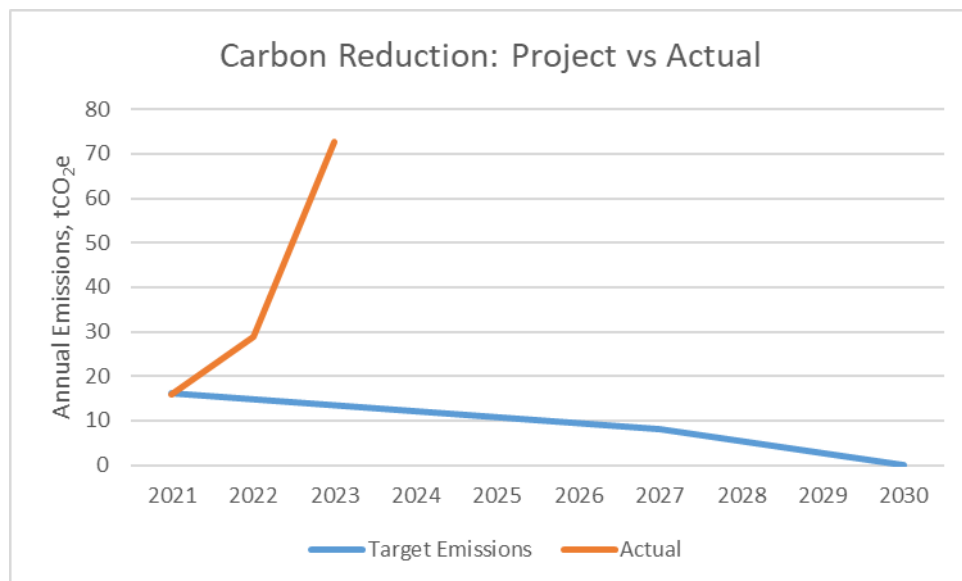
Emissions reduction targets

Excluding the third party data centre emissions we project that carbon emissions will decrease over the next five years to 8.0 tCO₂e by 2027, a reduction of 50% on the baseline, with a view to achieving Net Zero for our Scope 1, 2 and 3 (excluding data centre) emissions by 2030 or earlier.

To achieve this ambition, we have identified the following improvement areas

- To maintain a REGO certified electricity supply contract
- Review and where possible replace the gas fired boiler and Domestic Hot Water system with an electric system, using either an Air Source Heat Pump or Air Conditioning system to maximise the efficiency that these systems provide
- Review the viability of Solar PV to further reduce our energy consumption and the reliance on the electricity supply contract.
- Review third party data centre provision with a view where viable to reduce our associate Scope 3 emissions.

Progress against these targets can be seen in the graph below



Review for 2023

Since 2021 there has been an expansion in the business which is reflected in the figures reported.

- The business is now operating from a second site. The total annual electricity consumption has increased from 24,510 kWh in 2021 to 125,451 kWh in 2023. Additional changes are:
- Improved understanding of the Data Centre emissions has enabled improved reporting of this impact. The Data Centre operator utilise a renewable electricity supply and hence the low GHG impact. This is now included in the actual emission volume illustrated in the chart above. However, the amount of renewable energy purchased at the data centre in 2023 was lower than previous years, which may have led to increase in total emissions.
- There has been an increase in office based employees by approximately 31%, which may have resulted in an increase consumption and staff commuting.
- In November 2022 there was a renewal of the electricity supply contract. Due to the significant increase experienced nationally in the unit cost rate, a decision was taken that it was not commercially viable at this stage for this to be via a green, REGO certified, electricity supply contract. This to be re-considered at the next contract renewal.
- There has been a further reduction in the annual gas consumption from 66,257kWh in 2021 to 26,167 kWh in 2023 which reflects the continued transfer of the staff to Unit 14, from Unit 2, which does not have a gas supply.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

To continue our progress to achieving our goal net zero by 2030 and sooner, if possible, the following measures and actions have been taken.

Actions taken in 2022:

- Company and pool cars are being replaced with electric vehicles.
- An energy survey has been completed to identify improvement opportunities to deliver energy and emissions savings
- Where possible the use of home working is supported and encouraged to reduce the un-necessary commuting related emissions.
- Business mileage is kept to a minimum with meetings where required undertaken remotely

Actions taken in 2023:

- There has been a lighting upgrade in the office to LED, to deliver energy savings and reduce reliance on offsetting through our supply contract
- The implementation of automatic timers on the AC units, to ensure cooling is provided during operating hours and are not in-use when not required.
- EV Scheme has been adopted, with the incentive designed to promote the adoption of electric vehicles to reduce greenhouse gas emissions and decrease dependence on fossil fuels

- Windows have been repaired, reducing air-tightness heat losses and maintaining consistent indoor temperature and comfort levels in occupiers
- Roof has been repaired, reducing air-tightness heat losses and maintaining consistent indoor temperature and comfort levels in occupiers
- Migration of data capture from paper to electronic use, reducing paper resource usage has been adopted

Moving forward towards the 2027 target we aim to

- Review and where possible replace the gas fired boiler and Domestic Hot Water system with an electric system, using either an Air Source Heat Pump or Air Conditioning system to maximise the efficiency that these systems provide.
- Review the viability of Solar PV to further reduce our energy consumption and the reliance on the electricity supply contract.
- Review third party data centre provision with a view where viable to reduce our associate Scope 3 emissions.
- Though previously implemented, and not maintained for the current contract renewal due to significant commercial pressures, a green, REGO certified, electricity supply contract to be considered at the next renewal stage.

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 Wonde:



Peter Dabrowa, CEO

June 2024

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>