



## Carbon Reduction Plan v2023

Supplier name: Wonde Limited

Publication date: June 2023

### 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.

<b>Baseline Year: 2021</b> (data April 2021 to March 2022)	
<b>Additional Details relating to the Baseline Emissions calculations</b>	
The baseline year is the first year of collating emissions and consumption data and Wonde will be refining its management process for the collation and reporting of emissions. Secure Schools Limited were acquired by Wonde Limited in August 2022 and are taking steps to ensure they have their own Carbon Reduction Plan (CRP) as soon as reasonably practicable, but in the interim fall under this CRP as part of Wonde Ltd. For the purposes of this report, 'Wonde' constitutes Wonde Limited and Secure Schools Limited.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>

<b>Scope 1</b>	12.1 tCO <sub>2</sub> e – This is associated with the natural gas consumption
<b>Scope 2</b>	0 – The electricity used by the company is supplied via a REGO certified green electricity supply contract
<b>Scope 3 (Included Sources)</b>	0.46 tCO <sub>2</sub> e – Electricity supply T&D emissions 3.5 tCO <sub>2</sub> e – Staff commuting to the office 0.048 tCO <sub>2</sub> e – Emissions associated with the water and waste water consumption 900 tCO <sub>2</sub> e – Third party data centre related emissions
<b>Total Emissions</b>	16.2 tCO <sub>2</sub> e (excluding the data centre) 916 tCO <sub>2</sub> e (including the data centre)

## Current Emissions Reporting

<b>Reporting Year: 2022</b> (data April 2022 to March 2023)	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	5.8 tCO <sub>2</sub> e – This is associated with the natural gas consumption
<b>Scope 2</b>	13.2 tCO <sub>2</sub> e – This is associated with the electricity consumption
<b>Scope 3 (Included Sources)</b>	1.2 tCO <sub>2</sub> e – Electricity supply T&D emissions 1.0 tCO <sub>2</sub> e – Natural gas supply T&D emissions

	6.2 tCO <sub>2</sub> e – Staff commuting to the offices 0.084 tCO <sub>2</sub> e – Emissions associated with the water consumption and associated wastewater generation 1.9 tCO <sub>2</sub> e – Third party data centre related emissions
<b>Total Emissions</b>	29.4 tCO <sub>2</sub> 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 9, Downstream transportation and distribution** – this does not apply as there are no applicable emissions associated with the operations of Wonde Limited.

## Emissions reduction targets

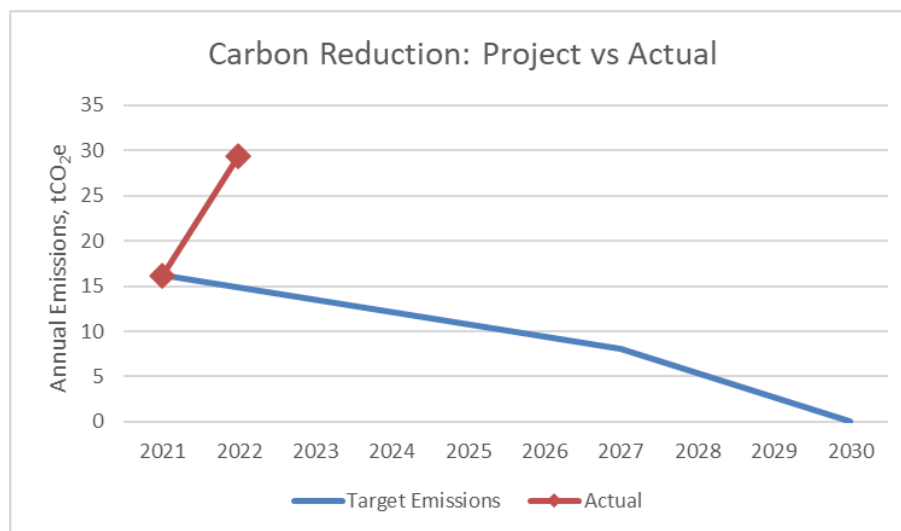
Excluding the third party data centre emissions we project that carbon emissions will decrease over the next five years to 8.0 tCO<sub>2</sub>e by 2027, a reduction of 50% on the baseline, with a view to achieving Net Zero for our Scope 1, 2 and 3 (excluding data centre) emissions by 2030 or earlier.

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
- Upgrade the office lighting to LED, which will deliver an energy saving and reduce our reliance on offsetting through our supply contract
- 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 2022

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 to 68,452 kWh.
- Commuting figures have increased, allowing for hybrid working, from a Full Time Equivalent of 25 to 44.

Additional changes are:

- Improved understanding of the Data Centre emissions has enabled improved reporting of this impact. The Data Centre operator utilises a

renewable electricity supply and hence the low GHG impact. This is now included in the actual emission volume illustrated in the chart above.

- 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 is to be re-considered at the next contract renewal.
- There has been a reduction in the annual gas consumption from 66,257 to 31,841 kWh which reflects the 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 start our progress to achieving our goal of net zero by 2030 and sooner, if possible, the following measures and actions have been taken:

- 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.

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.
- Upgrade the office lighting to LED, which will deliver an energy saving and reduce our reliance on offsetting through our supply contract
- 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 associated 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 the 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 (or equivalent management body).

## **Signed on behalf of Wonde:**



Peter Dabrowa, CEO

June 2023

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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>