

# Grandir UK Ltd Carbon Reduction Plan

Supplier name: Grandir UK Limited

Publication date: 25<sup>th</sup> April 2023

## Commitment to achieving Net Zero

**Grandir UK is committed to achieving Net Zero emissions by 2048.**

## 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:</b> 2021	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
CO2 emissions were calculated using UK government approved conversion factors in all cases. Where direct energy use data was not available – as was the case for transport – energy consumption has been back calculated using UK government approved factors.  The baseline emissions assessment identified an emissions intensity ratio of 16.17 tCO <sub>2</sub> e/£m turnover (Scopes 1&2).	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	436.5
Scope 2	307.1
Scope 3 (Included Sources)	44.8 (business travel in employee owned vehicles)
<b>Total Emissions</b>	<b>788.4</b>

## Current Emissions Reporting

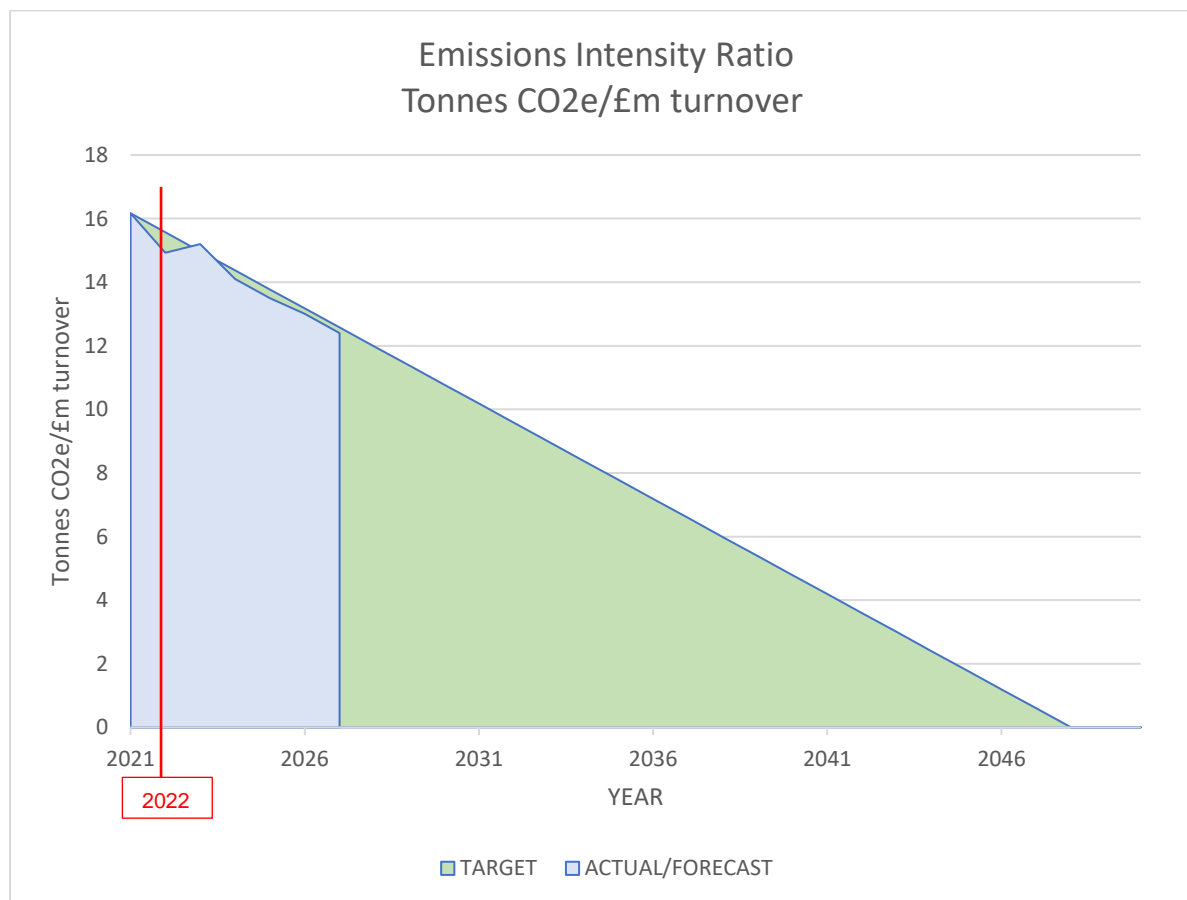
Reporting Year: 2022	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	529.0
Scope 2	296.8
Scope 3 (Included Sources)	43.9 (business travel in employee owned vehicles)
<b>Total Emissions</b>	<b>869.7</b> Emissions intensity ratio 14.93 tCO <sub>2</sub> e/£m turnover (Scopes 1&2) (Baseline year intensity ratio = 16.17 tCO <sub>2</sub> e/£m)

**Note:** Due to the fact that Grandir UK Ltd is in a growth phase we have chosen an intensity ratio based on annual turnover in order to provide a simple basis for year on year emissions comparisons. This reduces the need to continually re-baseline and provides a more consistent and effective measure against which to assess emissions reduction than simply assessing total tonnes of CO<sub>2</sub>e emitted each year.

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the emissions intensity ratio as a key metric. This accommodates changes in the scale of Grandir UK's business operations without the need to re-baseline as the organisation changes.

We project that carbon emissions will decrease over the next five years to an annual intensity ratio of **12.4 tCO<sub>2</sub>e/£m turnover** by 2027. This is a reduction of 23% from the baseline of 2021 and 17% from last year.



# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to a reduction in the intensity ratio of 1.24tCO<sub>2</sub>e/£m turnover, a 7.5% reduction against the 2021 baseline. On a normalised basis this is equivalent to an annual reduction of 5.98t CO<sub>2</sub>e against the 2021 baseline. The measures listed below will be in effect when performing the contract.

- Full time Property and H&S Director's staff has been further complemented by the addition of two facilities managers. This helps provide a stronger focus on energy use and emissions reduction
- All planned refurbishments now install low energy lighting as a matter of policy
- Unplanned refurbishments also replace failed equipment with improved efficiency equipment.
- Institution of an "essential travel only" policy, thus reducing emissions and energy use in both company cars and the grey fleet.
- Full asset review implemented across the business for condition assessment of existing equipment. This helps to inform the planned refurbishment program.

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

- Form a Net Zero task force in key locations.
- Develop and implement energy policy utilising Net Zero task force and site location managers.
- Roll out energy policy across Grandir UK organisation, supplemented by necessary tools and management systems
- Rolling assessment of each site for suitability for energy reduction and generation measures such as:
  - Installation of solar PV
  - Replacement of gas boilers with air source heat pumps on a phased basis
  - Improved insulation to upgrade property estate EPC ratings
  - Improved measurement, monitoring and control of energy use

## 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>

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

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 the Supplier:**

A handwritten signature in grey ink that reads "S. Hickman". The signature is written in a cursive style with a small circle above the 'i'.

Date: 05<sup>th</sup> May 2023

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<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>