



Carbon Reduction Plan

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Revision history

Version	Date	Revision Author	Summary of Changes
0.1	25 th October 2021	Andy Watson	Initial Draft
1.0	29 th October 2021	Andy Watson	Final Version post internal review

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1 Commitment to Achieving Net Zero

Metricell is committed to achieving Net Zero emissions by 2050. This plan contains information around Metricell's current carbon footprint and how we intend to achieve a Net Zero value prior to 2050.

Section 4 details a baseline footprint that Metricell have evaluated in 2021. Through the careful monitoring of Scopes 1-3 of the GHG Protocol below as Metricell will continue to drive a reduction in its carbon footprint and measure these accordingly.

1.1 Scope 1 – Direct Emissions

Activities owned or controlled by your organisation that release emissions straight into the atmosphere. For the baseline assessment the following types of emissions will be evaluated

- **Fuels Combustion:** Boilers, furnaces or turbines
- **Owned Transport:** Company Cars
- **Process Emissions:** N/A to Metricell but would typically include cement, aluminium or waste processing
- **Fugitive Emissions:** Air conditioning and refrigeration leaks

Calculating a Leak Rate

Take the number of kg of refrigerant you added to return the system to a full charge and divide it by the number of pounds of refrigerant in the normal full charge for the system.

1.2 Scope 2 – Purchased Electricity, Heat and Steam

These are indirect emissions that are a consequence of your organisation's activities but which occur at sources you do not own or control.

Consumption of purchased electricity and cooling: Metricell owned offices.

1.3 Scope 3 – Other Indirect

Scope 3 is defined as emissions that are a consequence of Metricell's actions, which occur at sources which we do not own or control and which are not classed as scope 2 emissions. Examples of scope 3 emissions are business travel by means not owned or controlled by Metricell, waste disposal, or purchased materials or fuels. Carbon dioxide produced from the combustion of biomass / biofuels should be reported separately to emissions in scopes 1, 2, and 3. Carbon dioxide produced from biomass / biofuels not as a result of the combustion of biomass / biofuels (e.g. industrial fermentation) should be reported within the scopes.

At the time of publishing Scope 3 only requires transport related activities to be recorded.

2 Baseline Emissions Footprint

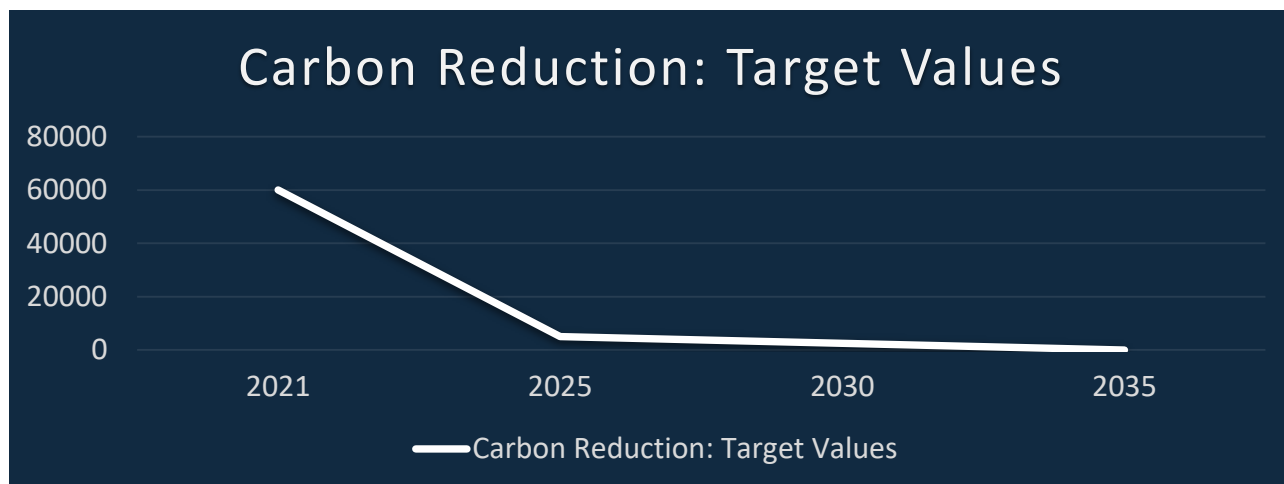
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations.	
<i>Metricell has not previously assessed or reported emissions, therefore this first reporting period will be used as our baseline. These should be considered our "Current Emissions Reported" at the time of publish.</i>	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	<u>Fuels Combustion</u> : Boilers, furnaces or turbines: 0 kg <u>Company Owned Transport</u> : 520 kg <u>Fugitive Emissions</u> : Air conditioning and Refrigerant Leaks: 0 kg per annum <u>Process Emissions</u> : 0 kg
Scope 2	Electricity used per year (including air conditioning) E.ON - Supply agreements with independent UK wind generators and the purchase of renewable electricity certificates <u>Electricity Used per annum</u> : 207,000 kWh = 46,600 kg
Scope 3 (Included Sources)	Transport-related activities: 13,342.7 kg <u>Business Travel (In country)</u> : 171.5 kg <u>Business Travel (International)</u> : 0 kg <u>Employee commute</u> : 13,171.2 kg
Total Emissions	60.462 tCO₂e

3 Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 5 tCO₂e by 2025. This is a reduction of 92%.

The proposed target reduction against these targets are represented in the graph below:



The targeted values can be broken down into the following scopes for 2025

Scope 1: 0 tCO₂e
Scope 2: 3 tCO₂e
Scope 3: 2 tCO₂e

The targeted values can be broken down into the following scopes for 2030

Scope 1: 0 tCO₂e
Scope 2: 0 tCO₂e
Scope 3: 2.5 tCO₂e

4 Carbon Reduction Projects

4.1 Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented in the year prior to the 2021 baseline. The carbon emission reduction achieved by these schemes have already been included in the 2021 baseline calculation.

- Installation of LED/PIR lighting controls
- Changes to policy resulting in a reduction in company travel to employees main place of work
- Updates to company policy relating to business travel and minimalizing staff flights.
- Introduction of the Bike2Work scheme for employees

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

- Electrification of Company Vehicles
- Installation of Solar Panels on Metricell owned premises

5 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 Metricell:



Andy Watson
Operations Director

Date: 28/OCT/2021

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>



About Metricell

www.metricell.com

Metricell is on a mission to deliver connectivity. We work with our customers to design, deliver and manage wireless communication networks – with a shared ambition of achieving flawless network experience. We have been responsible for a number of first-to-market products, and our technology is characterised by the relentless pursuit of automation and digitalisation.

Our geospatial intelligence tools traverse a wide range of business processes – from Test & Measurement to Customer Experience Management – and we are pioneers in the areas of Crowdsourcing and Digital Self Care. Our technology is today in use by a broad range of customers; thousands of their personnel; and millions of subscribers worldwide.

