



# Carbon Reduction Plan

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# Revision History

Version	Date	Revision Author	Summary of Changes
0.1	25 <sup>th</sup> October 2021	Andy Watson	Initial Draft
1.0	29 <sup>th</sup> October 2021	Andy Watson	Final Version post internal review
1.1	31 <sup>st</sup> August 2023	Andy Watson	Annual Review, minor updates in line with progress against objectives

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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 2023. 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<sup>17</sup> should be reported separately to emissions in scopes 1, 2, and 3. Carbon dioxide produced from biomass / biofuels not because 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.

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

## 2.1 Current Emissions Reporting

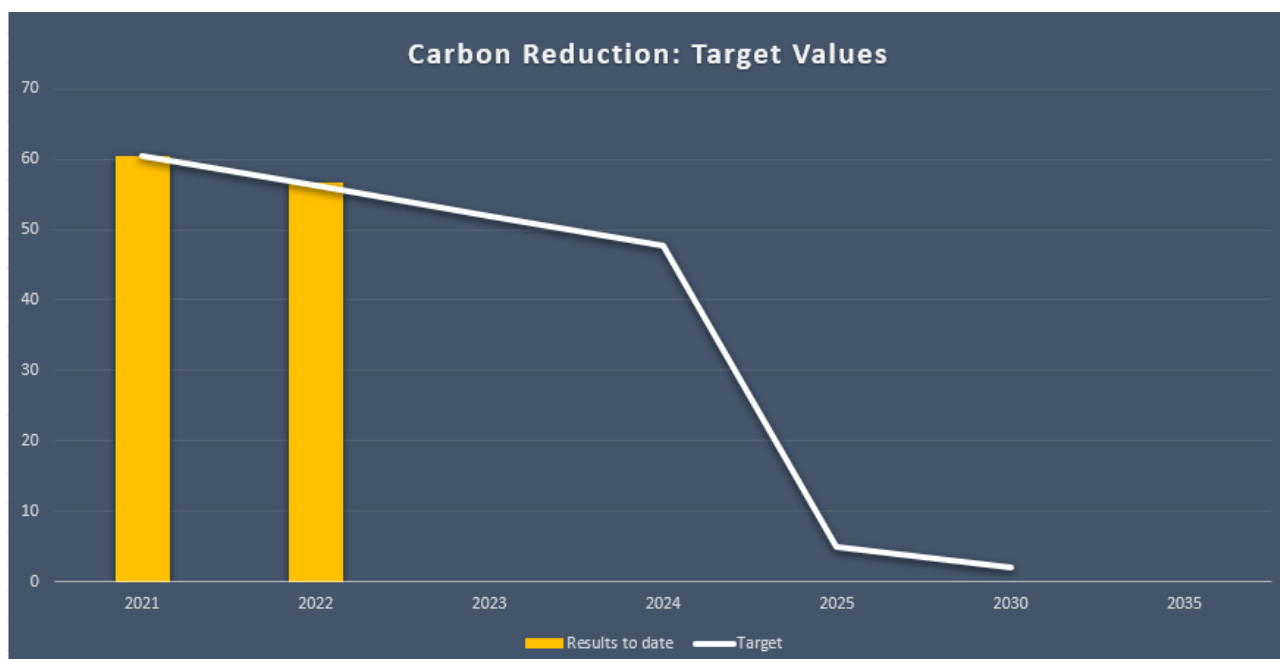
Reporting Year: 2022	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	<u>Fuels Combustion:</u> Boilers, furnaces, or turbines: <b>0 kg</b> <u>Company Owned Transport:</u> <b>600 kg.</b> <u>Fugitive Emissions:</u> Air conditioning and Refrigerant Leaks: <b>0 kg per annum</b> <u>Process Emissions:</u> <b>0 kg</b>
Scope 2	<b>Electricity used per year (Including air conditioning) E. ON</b> - Supply agreements with independent UK wind generators and the purchase of renewable electricity certificates. <u>Electricity Used per annum:</u> <b>186,000 kWh = 41,872 kg</b>
Scope 3 (Included Sources)	<b>Transport-related activities: 14177.2 kg</b> <u>Business Travel (In country):</u> 177.2 kg <u>Business Travel (International):</u> 0 kg <u>Employee commute:</u> 14,000 kg
Total Emissions	<b>56.649 tCO<sub>2</sub>e (-6.3% YoY)</b>

### 3 Emissions reduction targets

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 tCO<sub>2</sub>e by 2025. This is a reduction of **92%**

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



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

Scope 1: 0 tCO<sub>2</sub>e  
 Scope 2: 3 tCO<sub>2</sub>e  
 Scope 3: 2 tCO<sub>2</sub>e

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

Scope 1: 0 tCO<sub>2</sub>e  
 Scope 2: 0 tCO<sub>2</sub>e  
 Scope 3: 2 tCO<sub>2</sub>e

## 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 Solar Panels on Metricell owned premises
- Company certification in ISO14001 (Environmental Management) obtained.
- Installation of power efficient lighting controls
- Changes to policy resulting in a reduction in company travel to employee's main place of work.
- Updates to company policy relating to business travel and minimalizing staff flights.
- Introduction of the Bike2Work scheme for employees

### 4.2 Initiatives completed post baseline.

- Installation of energy efficient double glazing and building insulation

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

- Electrification of Company Vehicles
- Densification of infrastructure to reduce data centre power consumption to improve PUE Rating

## 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 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 Metricell:



**Andy Watson**  
Operations Director

Date: 31/AUG/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>

## About Metricell

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've been responsible for many first-to-market products, and our technology is characterised by the relentless pursuit of automation and digitalisation.

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

Find out more at [www.metricell.com](http://www.metricell.com)

