



# Carbon Reduction Plan

**Tem bici**

September 2023

## Commitment to achieving Net Zero

Tem bici is committed to achieving Net Zero emissions by 2050 in the UK.

## 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: 2024

### Additional Details relating to the Baseline Emissions calculations.

There has been no previous assessments or reporting of our emissions in the UK. We have therefore used the following tool to help calculate our Baseline Emissions: <https://positiveplanet.uk/carbon-footprint-calculator/>.

We are committed to update the carbon emissions estimates recorded here, in addition to engage carbon experts to build science-based targets and stipulate an action plan to achieve net zero emissions by 2050.

### Baseline year emissions: 2024

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	229.50 (Estimated assumptions covering fuel and energy use)
Scope 2	54.75 (Estimated assumptions covering electricity consumption)
Scope 3 (Included Sources)	311.46 ((Estimated assumptions covering Procurement, Travel, Commuting & Homeworking, Waste & Water and Distribution)
<b>Total Emissions</b>	<b>595.61</b>

## Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	-
Scope 2	-
Scope 3 (Included Sources)	-
<b>Total Emissions</b>	-

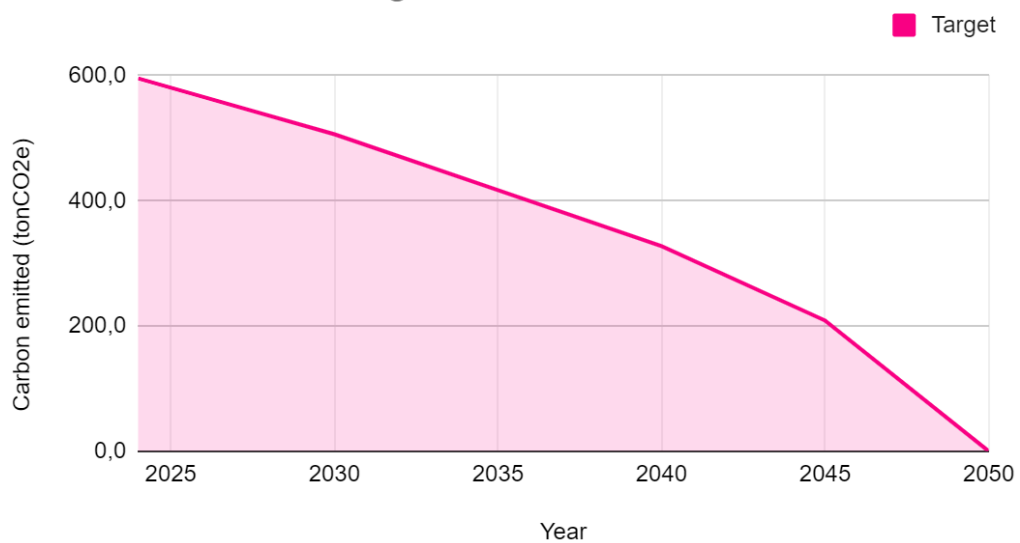
## Emissions reduction targets

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 **506.4 tCO<sub>2</sub>e** by **2030**. This is a reduction of **15%**

Progress against these targets can be seen in the graph below:

### Carbon reduction: Target



## Carbon Reduction Projects

### .Completed Carbon Reduction Initiatives

The following environmental management measures and projects will be completed or implemented from the **2024** baseline. The carbon emission reduction achieved by these schemes equate to **595,71 tCO<sub>2</sub>e**, a **100%**ge reduction against the **2024** baseline and the measures will be in effect when performing the contract.

We are committed to update the carbon emissions estimates recorded here, and to engage carbon experts to build science-based targets and stipulate an action plan to achieve net zero emissions by 2050. In addition, according to the guidelines of the net zero movement, for residual emissions and during the transition process, the compensation mechanism can be used.

In order to guarantee the success of a docked bicycle sharing system, one of the most relevant points is the availability of the system, that is, the guarantee that the user will be able to find a bicycle to pick up or a space to return the bicycle at the end of his trip. As a result, there is an intense movement of the logistics fleet to rebalance the bicycles for users, in addition to carrying out their maintenance and charging the electric bicycles.

With the aim of reducing our carbon footprint, Tembici intends to launch several initiatives to optimize logistics, as well as adopt vehicles with reduced emissions. The initiatives to lower our carbon footprint in logistics can include:

**.Electric stations:** Stations connected to the electricity grid for charging electric bicycles, thus reducing transportation for charging purposes.

**.Mini Hubs:** Installation of small hubs around the city, aiming to reduce the distance between bicycles and maintenance points.

**.Electric Tuk-Tuk:** Adoption of small electric vehicles for relocating bicycles between nearby stations.

**.In loco Battery swap:** Replacement of batteries at the station in order to optimize logistics for charging electric bicycles.

For Scope 2 carbon emissions, our target will be to continuously increase the clean and renewable energy share from our electricity consumption, in line with the UK energy matrix .

Finally, establish guidelines so that employees' business trips were made only when necessary and prioritize low-emission vehicles for travel

## 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 will be reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>13</sup> and will use the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>14</sup>.

Scope 1 and Scope 2 emissions will be reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>15</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:

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Date: 01/09/2023

<sup>13</sup> <https://ghgprotocol.org/corporate-standard>

<sup>14</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>15</sup> <https://ghgprotocol.org/standards/scope-3-standard>