

Carbon Reduction Plan

Client name: Bartec Municipal Technologies

Company Registration Number: 10625022

Published date: March 2023

Commitment to achieving Net Zero

Bartec Municipal Technologies is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

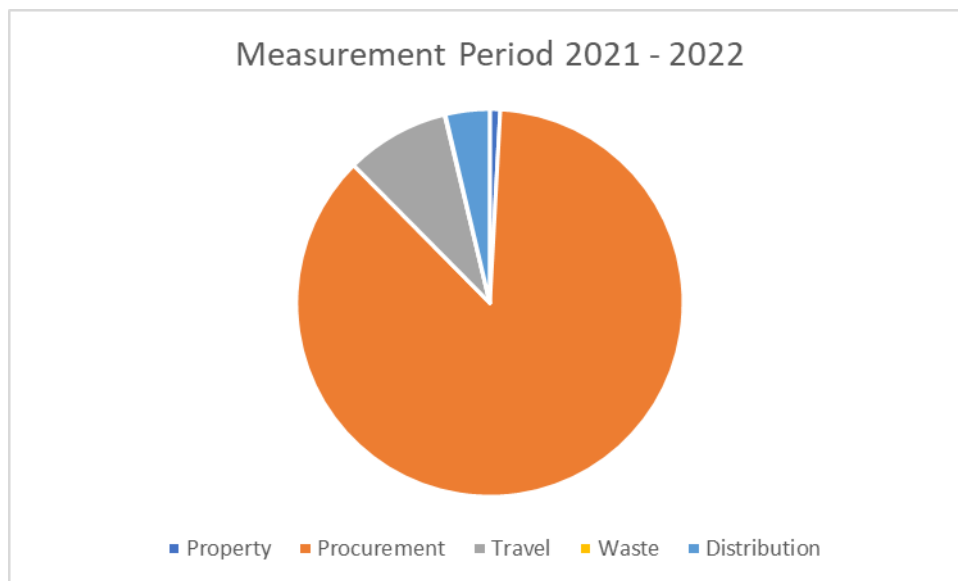
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. This Carbon Footprint Plan (CRP) is the baseline year November 2021 – October 2022.

Baseline Year: 2021 - 2022	
Additional Details relating to the Baseline Emissions calculations: Bartec Municipal Technologies did not have access to October 2022 data during the measurement, so this month has been measured on averages across the period.	
The following Scope 3 Emissions were measured:	
<ul style="list-style-type: none">• Purchased Goods & Services• Fuel & Energy Related Activities• Business Travel• Transportation & Distribution (Downstream)• Transportation & Distribution (Upstream)• Employee Commuting• Operational Waste	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.059
Scope 2	2.592
Scope 3	315.582
Total Emissions	318.233

Current Emissions Reporting

Reporting Year: 2021 - 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.059
Scope 2	2.592
Scope 3	315.582
Total Emissions	318.233

This equates to a Carbon Intensity per employee of **8.840 tCO₂e** based upon **36** employees during the measurement period.



Emissions reduction targets

Bartec Municipal Technologies is committed to achieving Net Zero by 2040.

There are no existing carbon emission reduction targets against which to report progress.

To progress towards Net Zero, this plan sets carbon reduction targets for the 7-year period to 2030. During this time, targets will be set for the remaining period to ensure Net Zero will be achieved by 2050.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 - 2022 baseline.

Activity	Complete Date	Scope
Commitment to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions. Year 1 appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.	2022	1,2,3
Implemented management tool ISO 14001 to align further development to reducing emissions and monitoring year on year the organisations environmental impact.		1,2,3

Further Recommendations

There are several assumptions made for reduction, dependent on the size and type of sector including but not limited to implementation of actions, management of actions and time frame of each of those actions. Therefore, the recommendations above state the assumed expected figures for a year-on-year basis.

Providing high quality granular data such as distance, weight, and miles in addition to supplier emissions can create a more transparent and detailed footprint. Areas to consider for data management purposes for following years include 12 months' worth of KWh for electricity usage (where appropriate).

Develop an internal and external marketing strategy to supply further information in regard to the organisations sustainability journey, this will promote buy-in and behaviour changes within the organisation along with potential new talent acquisition and further sharing and development of ideas within the sector.

Future Carbon Reduction Plans

Future Carbon reduction measures planned to 2030:

REDUCTION PLANS				
Activity No.	Activity	Target Date	tCO2e Reduction %	Scope
1	Training and engagement for Green Team to lead on. Including and not limited to, creating spaces for environmental positive conversations (internal comms, newsletters, slack. Teams etc), certified Carbon Literacy Training for all applicable to roll out to further workforce and share with externals where appropriate.	2023	5-15% (Per Individual certified)	1,2,3
2	Consider procurement of 100% renewable tariff at new renew date for energy. This change will reduce emissions from a market-based boundary to 0tCO2e. Internal messaging and behaviour influence within the workplace for reduction of emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate. High-level monitoring of energy use is key to understanding further pinch points.	2025	13% (Location)	2
	Consider a Sustainability Audit or Survey to request further information regarding credentials – Plan to send these to the Top 5/10 suppliers by spend. This data collection will support reduction journey by gathering important data for year two measurement & encourage supply chain integration towards Net Zero. Complete this audit within Two Phases – 1. Identify suppliers for engagement. Formulate and collect data (survey/scoring) 2. When scoring and evaluating responses, use this date to make informed decisions regarding new procurement policies or statements.	2024	16%	3
	Implement or develop a global holistic travel policy to support environmental impact of choices when travelling, staying in hotels and commuting. The priorities within this	2024	8%	3

	<p>policy will support active travel and low emission travel options where appropriate.</p> <p>Phase 1 consider where appropriate, driver efficiency training for all users of company owned vehicles. Drive incentives for behaviour change and challenge idling and efficiency. Partner with organisations such as FORS</p> <p>Phase 2 consider all renewals on company owned vehicles to move away from ICE vehicles to EV's or Hybrids when the infrastructure is appropriate.</p> <p>Monitor and consider alternatives to air-based travel as a priority and commit to offering support to workforce with options for active travel schemes; such as bike to work or car sharing opportunities.</p> <p>Utilise the emissions travel hierarchy –</p> <ul style="list-style-type: none"> Digital communication Walking & wellbeing Cycling Public and shared transport Public and shared EV's and car sharing ICE vehicles and car sharing Air Travel <p>Consider creative ways to engage and support workforce to influence change for example setting an internal organisation carbon credit scheme (limit that to a number of tCO₂e per year), extra holiday days for low emission travel choice, bonuses or subsidised travel.</p>			
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Based upon the above completed and planned initiatives, it is projected that carbon emissions will decrease over the next five years from the current normalised measurement of **318.233** tCO₂e to **269.264** tCO₂e up to 2030. This is a reduction of **15.38%**

Declaration and Sign Off

This Carbon Reduction Plan has been completed, with the assistance of Positive Planet, in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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) Standard¹.

This Carbon Reduction Plan has been reviewed and approved by Bartec Municipal Technologies Executive Team.

Signed on behalf of Bartec Municipal Technologies:



Name Megan Blackburn

Position Finance and HR Administrator

Date: 01.04.23

¹ <https://ghgprotocol.org/standards/scope-3-standard>