

Carbon Reduction Plan

Supplier name: Beebug Limited

Company Registration Number: 01775753

Published date: March 2023

Commitment to achieving Net Zero

Beebug Limited is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

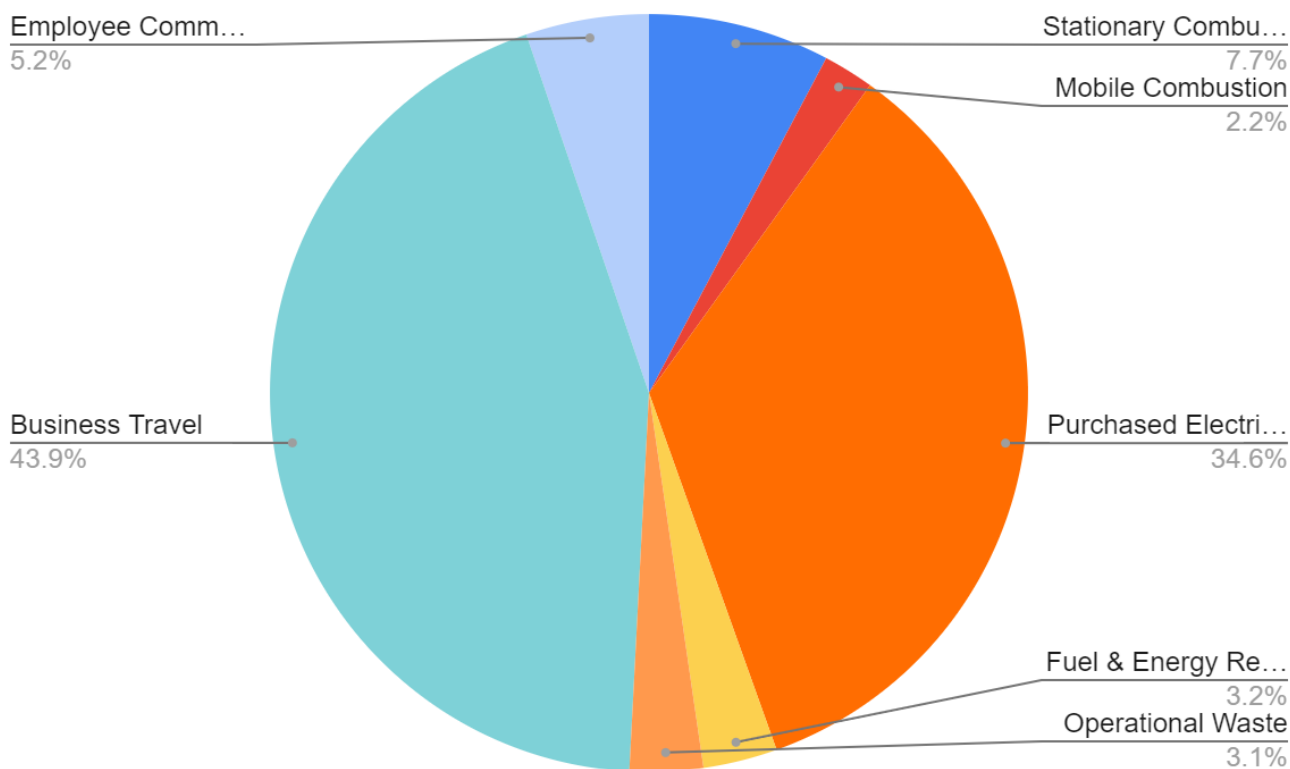
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. This Carbon Footprint Plan (CRP)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

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations: As a service based organisation, there was no applicable data available for measurement of Subcategory; Transportation & Distribution (Upstream & Downstream) therefore their date for these emissions is 0 tCO₂e	
The following Scope 3 Emissions were measured:	
<ul style="list-style-type: none">• Fuel & Energy Activities• Business Travel• Transportation & Distribution (Downstream)• Transportation & Distribution (Upstream)• Employee Commuting & Homeworking• Operational Waste	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	3.317
Scope 2	11.583
Scope 3	18.558
Total Emissions	33.458

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	3.317
Scope 2	11.583
Scope 3	18.558
Total Emissions	33.458

This equates to a Carbon Intensity per employee of **3.34 tCO₂e** based upon **10** employees during the measurement period.



Emissions reduction targets

Beebug Limited 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 2040.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2040 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.	2023	1,2,3

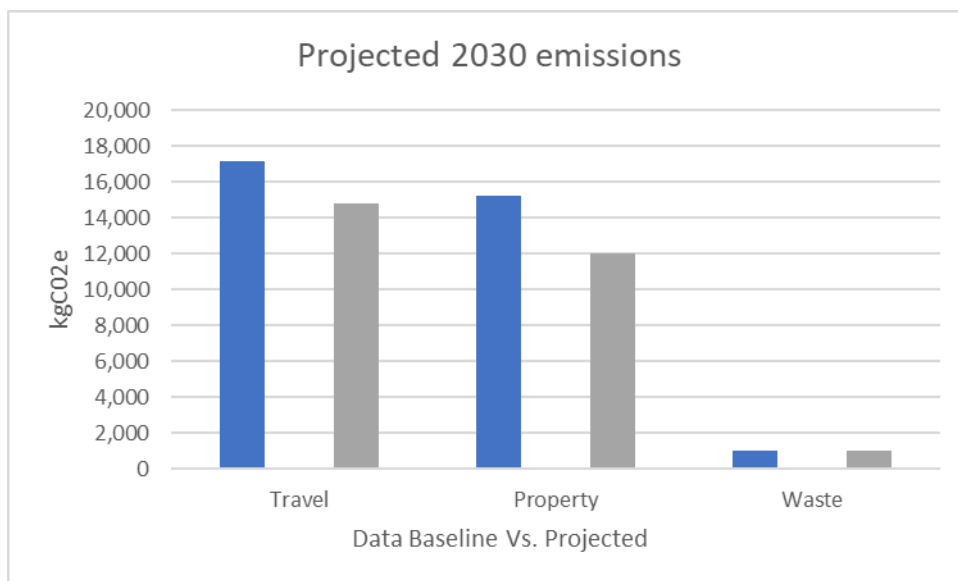
Future Carbon Reduction Plans

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	5-10% (Per individual)	1,2,3
2	Where appropriate consider efficiency of natural gas appliances on site. This includes, boiler efficiency, gas stoves or machinery. Manage gas use on a project-by-project basis and use influence and internal marketing to support behaviour changes around temperatures. Another phase to reduce gas use is to explore opportunities of a third-party audit at site. These audits are similar to EPC/ BREEAM reports with additional consideration for specific heat loss and support with recommendations for boiler upgrades, efficiency and long term new technology implementation (i.e air/ground source heat pumps etc)	2024	6%	1
3	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.	2024	15%	2
4	Reduce the amount of operational waste sent to recycle/taken by imbedding a procurement strategy which incentivises sustainable and circular procurement options. Setting specific internal waste targets to match local legislation and policy and specifically report data and progress to enable understanding of behaviour changes impact.	2025	2%	3

5	<p>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 policy will support active travel and low emission travel options where 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>	2026	14%	3
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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 **33.458 tCO₂e** to **27.834 tCO₂e** by 2030. This is a reduction of **16.80%**



Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21, with the assistance of Positive Planet, 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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the Beebug Board of Directors.

Signed on behalf of Beebug Limited:

A handwritten signature in black ink, appearing to be 'Jimmy Varnavides', written over a horizontal line.

Name: Jimmy Varnavides

Position: Managing Director

Date: 31st March 2023

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>