

Carbon Reduction Plan

Supplier Name: Charles Bentley & Son Ltd

Publication Date: 6 September 2024

Commitment to achieving Net Zero

Charles Bentley & Son Ltd is committed to achieving Net Zero direct emissions by 2040 and all emissions by 2045.

A copy of this Carbon Reduction Plan is published on our website and can be accessed through the following links.

<https://charlesbentley.com/terms-conditions> - Please refer to Section 31

<https://charlesbentleygroup.com/docs/Carbon-Reduction-Plan-23-24.pdf>

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 : 01.04.2020 – 31.03.2021	
Additional Details relating to the Baseline Emissions calculations.	
Baseline emissions in 2020 were affected by the pandemic which resulted in fewer inbound shipments which is our major contributor for Scope 3 emissions.	
During 2021 demand for garden products increased as a result of the pandemic which increased unbound shipments and therefore our carbon footprint.	
During 2020 we saw minor fluctuations to Scope 1 and 2 due to a change in working patterns due to the covid-19 pandemic however these were relatively small changes with impact to our 1 and 2 emissions.	
Baseline year emissions 01.04.2020 – 31.03.2021	
Emissions	Total (tCO _{2e})
Scope 1	23
Scope 2	211

Scope 3	7516
Total Emissions	7750

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed since the 2020 baseline. The carbon emission reduction achieved as a result of these and other schemes equate to 920 tCO_{2e}, an 11.87% reduction against the 2020 baseline and the measures will be in effect when performing the contract.

- ✓ Aligned our environmental management system to ISO 14001.
- ✓ Switched all Company Cars to Electric Vehicles.
- ✓ All of our gas Fork Lift Trucks have been replaced with electric versions.
- ✓ Our head office has LED strip light fittings replacing fluorescent strip light fittings. The majority of the building is on passive infrared sensors with automatic timer settings to reduce unnecessary energy usage.
- ✓ Replaced all warehouse lighting to LED lighting therefore reducing electricity usage.
- ✓ We procure certified 40% renewable electricity for all of sites.
- ✓ We recycle 100% of our waste paper and cardboard through an affiliated scheme.
- ✓ We rolled out new laptops and on a laptop-by-laptop basis we have reduced CO_{2e}.

Current Emissions Reporting

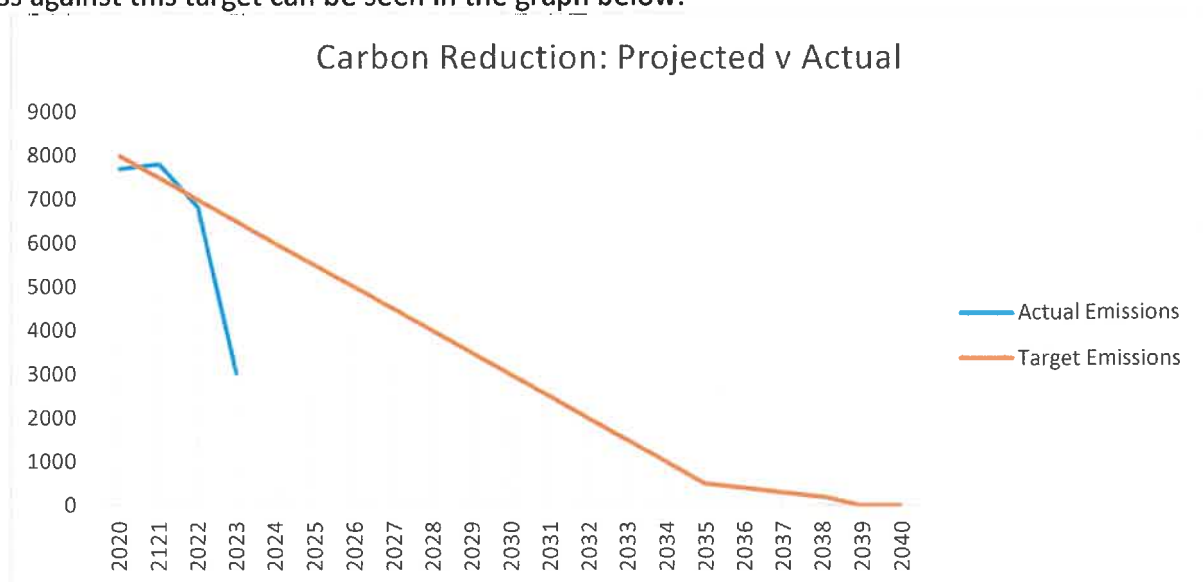
Year : 01.04.2023 – 31.03.2024	
Emissions	Total (tCO _{2e})
Scope 1	3.06
Scope 2	112
Scope 3	2910
Total Emissions	3030
Variance	4720 (tCO _{2e})

Emissions Reduction Target

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction target.

To reduce our carbon emissions over the next five years by 4000 tCO_{2e} by 2029. This is a reduction of approximately 50%.

Progress against this target can be seen in the graph below:



Future Carbon Reduction Initiatives

- ✓ We will switch to 100% renewable energy by 2040.
- ✓ A reduction of upstream/downstream freight by better utilisation of transport.
- ✓ We are planning 30% reduction in printing across our office portfolio to reduce both paper and energy usage.
- ✓ The implementation of recycling stations across our sites to improve waste segregation and recycling.
- ✓ We are implementing an engagement strategy to encourage our people to learn more and reduce their environmental impact. This includes internal communications and events focused on environmental awareness days.
- ✓ Reduce business travel by air, rail, and road through effective measurement.
- ✓ We will continue flexible working practices to reduce commuting emissions i.e. hybrid working for some departments.
- ✓ Promote the usage of e-meeting platforms i.e. Teams for Business meeting arrangements.
- ✓ Planning to replace the Company inter-site lorry to electric.
- ✓ Explore alternative methods of shipping using alternative fuels.
- ✓ Implement carbon off-sets where reduction strategies cannot be applied.
- ✓ Explore reduced carbon delivery methods for upstream freight.

Further Initiatives

- ✓ We are planning to submit plans to a third party for our Long and Near-Term carbon reduction targets to be validated. As part of our Near Term targets we will aim to further reduce our scope 1 and 2 emissions from natural gas, owned/leased vehicles, other fuels and electricity.
- ✓ We are developing dashboards in house to manage our environmental data and allow for analysis.
- ✓ Continuously work to collect the highest quality, primary data on our emissions to aid in reduction and progress measurement.

- ✓ Transparently report on our environmental metrics both internally and externally.
- ✓ Develop sustainable office practices by implementing waste policies

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 and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

This Carbon Reduction Plan has been reviewed and signed off by the Board of Directors (or equivalent management body).

Signed on behalf of Charles Bentley & Son:

Name JAMES BENTLEY.....



Signature.....

Position DIRECTOR.....

Date: 6 SEPTEMBER 2024.....