Carbon Reduction Plan

For Barkers Commercial

Publish date: October 2024

Created by: Annie Tarpey

BARKERS
COMMERCIAL CONSULTANCY

positive planet

Our Commitment

Barkers Commercial is committed to achieving Net Zero emissions by 2040.

What does Net Zero mean in practice?

To achieve Net Zero, we will be aiming to reduce emissions in line with the latest science-based targets (SBTs). SBTs are greenhouse gas reduction goals set by organisations, they are defined as "science-based" when they align with the scale of reductions required to limit global temperature increases to 1.5°C compared to pre-industrial temperatures. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year.

SBTi recommends that organisations commit to near-term targets (that cover a minimum of 5 years/maximum of 10 years from the baseline year), as well as long-term targets.

Our near-term targets:

1. Maintain zero scope 1 emissions to 2030
2. Reduce our market-based scope 2 emissions by 100% by 2030
3. Reduce our scope 3 emissions by 60% by 2030

Our long-term targets:

- Reduce our total market-based emissions by at least 90% by 2040.
- Neutralise any residual emissions using verified carbon offsets.

Emissions covered by our targets:

- Scope 1 emissions: direct greenhouse gas emissions that occur from sources owned or controlled by a company, such as emissions from the combustion of fuels in on-site boilers, furnaces, or vehicles.
- Scope 2 emissions: indirect greenhouse gas emissions that result from the generation of purchased electricity, steam or other forms of energy consumed by a company.
- Scope 3 emissions: all other indirect greenhouse gas emissions that occur in an organisation's value chain, including emissions from upstream and downstream activities.

*Purchased electricity emissions are measured in two ways; the location-based method and the market-based method. The location-based method takes into account the emissions intensity of the grid from which the electricity was purchased, whilst the market-based method also takes into account the emissions intensity of the tariff and suppliers the reporting organisation has specifically chosen. The market-based method can therefore take into account purchases of renewable energy via a tariff. We have chosen to set targets and do final reporting using the market-based methodology.

Our Carbon Footprint

Baseline Emissions

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced before the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. We have chosen to set our baseline year as the 1st of April 2022 to the 31st of March 2023.

Baseline Year: 2023	
All scope 1, scope 2 and scope 3 emissions have been measured using the operational control approach.	
Emissions	Total (tonnes CO_2e)
Scope 1	None
Scope 2	Market-based: 2.2 Location-based: 2.2
Scope 3	88.6
Total Emissions	**Market-based: 90.8** **Location-based: 90.8**

Carbon Intensity Metrics

Metric	Carbon Intensity
Tonnes of CO_2e per Employee	10.6
Kilograms of CO2e per £1 of Revenue	0.015

Carbon intensity metrics are calculated using total market-based results.

Current Emissions Reporting

Current Year: 2024	
All scope 1, scope 2 and scope 3 emissions have been measured using the operational control approach.	
Emissions	**Total (tonnes CO_2e)**
Scope 1	None
Scope 2	Market-based: 3.8 Location-based: 3.0
Scope 3	116.5
Total Emissions	**Market-based: 120.2** **Location-based: 119.5**

Carbon Intensity Metrics

Metric	Carbon Intensity
Tonnes of CO_2e per Employee	6.2
Kilograms of CO2e per £1 of Revenue	0.016

Carbon intensity metrics are calculated using total market-based results.

Carbon Emissions Breakdown by Category

Scope	GHG Category	Baseline Emissions (tCO2e)	Current Emissions (tCO2e)	Change (%)
1	Stationary Combustion	None	None	N/A
1	Mobile Combustion	None	None	N/A
1	Fugitive Emissions	None	None	N/A
1	Process Emissions	None	None	N/A
2	Purchased Electricity (Market-based)	2.2	3.8	+70%
2	Purchased Electricity (Location-based)	2.2	3.0	+36%
2	Purchased Heat or Steam	None	None	N/A
3	Purchased Goods & Services	24.5	41.3	+69%
3	Purchased Capital Goods	5.4	None	-100%
3	Fuel- and Energy-Related Activities*	9.5	9.8	+4%
3	Upstream Transportation & Distribution	0.01	0.05	+367%
3	Waste generated in Operations	0.03	0.03	-14%
3	Business Travel	17.2	31.0	+80%
3	Employee Commuting & WFH	31.9	34.2	+7%
3	Upstream Leased Assets	None	None	N/A
3	Downstream Transportation & Distribution	None	None	N/A
3	Processing of Sold Products	None	None	N/A
3	Use of Sold Products	None	None	N/A
3	End-of-life Treatment of Sold Products	None	None	N/A
3	Downstream Leased Assets	None	None	N/A
3	Franchises	None	None	N/A
3	Investments	None	None	N/A
Total		90.8	120.2	+32%

*Fuel- and Energy-Related Activities are those that occur upstream of energy use. In the other energy use categories e.g. business travel and employee commuting, we are accounting for the generation of electricity used or the combustion of fuels used. But these calculations do not consider the other emissions that occur e.g. the generation emissions of electricity lost in the transmission and distribution system or the well-to-tank (extraction, processing and transportation) emissions of fuels. To ensure we are measuring our full impacts, we have included these emissions for all scope 1, scope 2 (mandatory) and upstream scope 3 (optional) energy use activities.

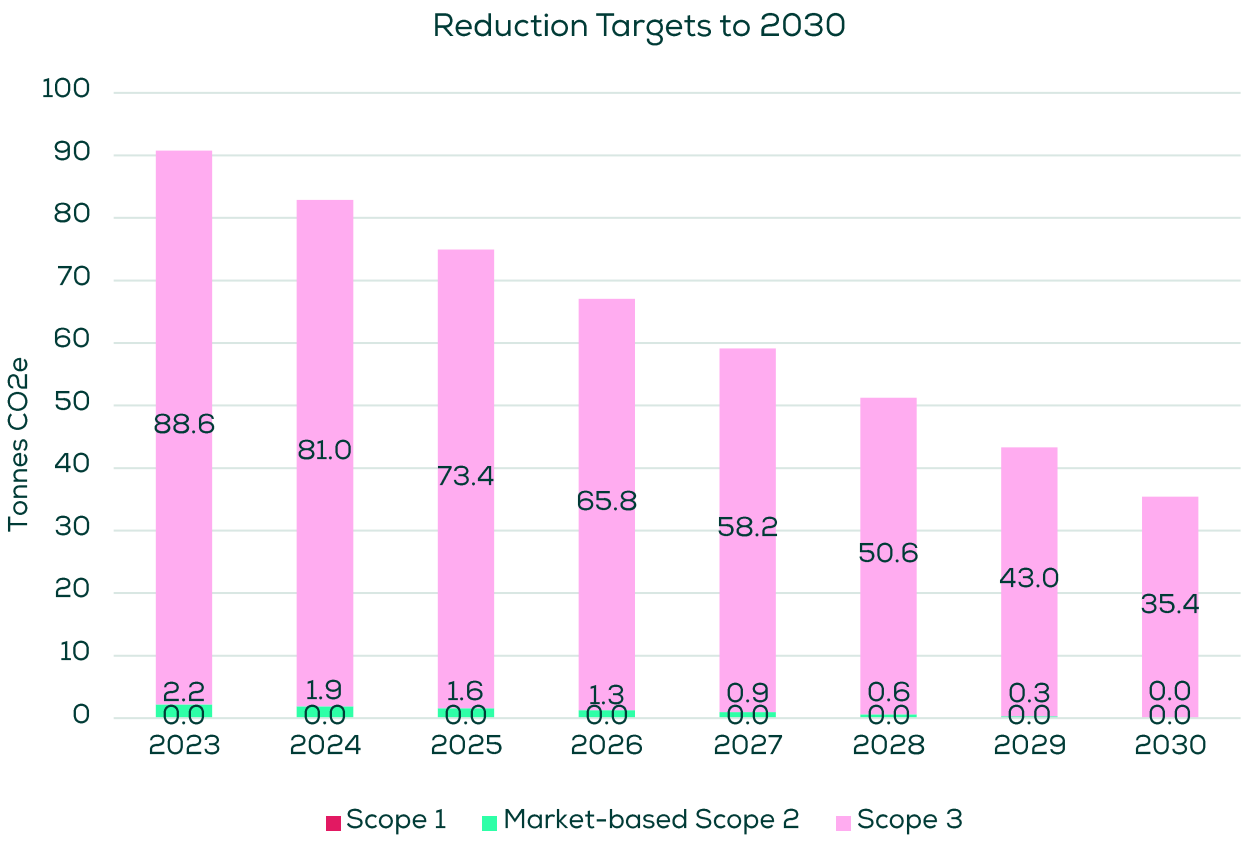
Carbon Reduction

Our Net Zero targets

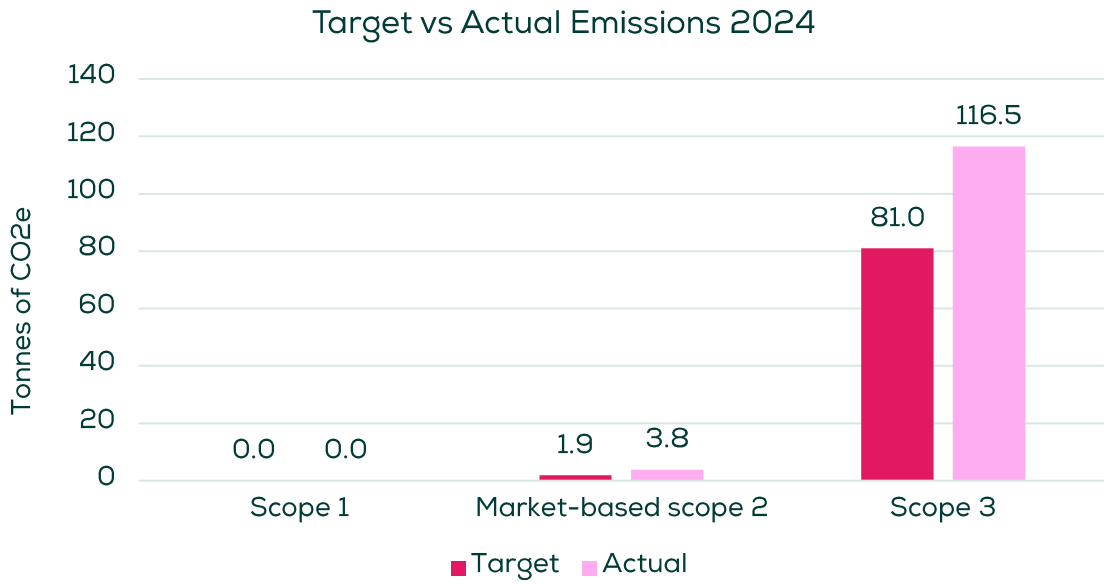
Barkers Commercial is committed to achieving Net Zero by 2040. We have also set the following near-term targets, against which we will track our progress:

1. Maintain zero scope 1 emissions to 2030
2. Reduce our market-based scope 2 emissions by 100% by 2030
3. Reduce our scope 3 emissions by 60% by 2030

The graph below shows our target emissions by scope to 2030 based on our baseline emissions. To achieve a linear scope 2 and 3 reduction, we would need to reduce our scope 2 emissions by 0.3 tCO_2e each year, and our scope 3 emissions by 7.6 tCO_2e each year, whilst maintaining zero scope 1 emissions.



Progress



We have not added any scope 1 emissions to our inventory and are therefore on track to meet our scope 1 target. We have, however, increased both our scope 2 and scope 3 emissions since our baseline year and are therefore behind with these two targets.

Whilst our emissions did increase between the two years, our workforce also increased in size. On a per-employee basis, emissions decreased between the two years from 10.6 tCO_2e per employee to 6.2 tCO_2e per employee.

Completed Carbon Reduction Initiatives

The following emissions management measures and projects have been completed or implemented.

Activity	Completion Date	Scope
Measure the carbon impacts of business activities year-on-year and use results to create annual Carbon Reduction Plans.	2022	1, 2 & 3
Provide all current staff members with free Carbon Literacy training and make this training mandatory for all staff members going forward.	2023	1, 2 & 3

Monitor the implementation of employees' Carbon Literacy assessment commitments and give these a 10% weighting in PDPs.	2023	1, 2 & 3
Create a list of hotels with strong sustainability credentials that employees are encouraged to choose from when travelling for business purposes.	2024	3
Purchase gifts for employees from sustainable suppliers.	2024	3
Remove the 'General Expenses' codes from our accounting system to allow for more accurate spend-based assessments of our emissions.	2024	3
Allow employees to work flexible hours when commuting to the office to encourage the use of public transport (which can sometimes be unreliable/take more time).	2024	3
Cease mandatory office attendance on a Tuesday to allow more homeworking where attendance to the office is not necessary for the business.	2024	1, 2 & 3
Hold a focus group with employees to gain insight into how Barkers may support staff with sustainable business travel and commuting; we received feedback that a lack of access to charging facilities is preventing some employees from switching to an EV and have since raised this with the office manager, who have agreed to install EV charging facilities.	2024	3

Future Carbon Reduction Plans

We are committing to action on the following emissions management measures and projects that are in line with our Net Zero targets.

Activity No.	Activity	Target Date	Category
1	We will conduct a desk-based assessment of our top suppliers to identify any potential risks in our supply chain and gather emissions data that can be used in our next footprint in place of less accurate spend-based data.	2025	Purchased Goods & Services

2	We will review our current onboarding process and ensure that all new staff are taking part in Carbon Literacy training within 6 months of joining the organisation.	2025	All scopes and categories
3	We will continue to refine our accounting nominal codes to ensure spend-based data can be analysed accurately.	2025	Purchased Goods & Services
4	We will evaluate Positive Planet's Business Travel tracker as a method for collecting high-quality business travel data.	2025	Business Travel
5	We will review all current policies and ensure they align with our carbon reduction goals. There are many things that we are already doing as a business that could be formalised within our policies.	2025	All scopes and categories
6	We will aim to arrange one sustainability-focused team away day.	2025	All scopes and categories

Declaration and Sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 Barkers Commercial Executive Team.

Signed on behalf of Barkers Commercial:

JB Draper

JB Draper (Dec 13, 2024 15:02 GMT)

Name: JB Draper

Position: Managing Director

Date: Dec 13, 2024

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

Barkers Commerical - Carbon Reduction Plan (2024) - v2

Final Audit Report 2024-12-13

Created:	2024-12-13
By:	Barkers Commercial Services Limited (admin@barkersprocurement.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAd6OMHXaBl-d6-dPy9VS_XwDtZCqs_YrY

"Barkers Commerical - Carbon Reduction Plan (2024) - v2" History

Document created by Barkers Commercial Services Limited (admin@barkersprocurement.com)
2024-12-13 - 2:58:03 PM GMT- IP address: 86.23.249.121

Document emailed to jenny.draper@barkersprocurement.com for signature
2024-12-13 - 2:58:42 PM GMT

Email viewed by jenny.draper@barkersprocurement.com
2024-12-13 - 3:01:45 PM GMT- IP address: 90.202.79.86

Signer jenny.draper@barkersprocurement.com entered name at signing as JB Draper
2024-12-13 - 3:02:08 PM GMT- IP address: 90.202.79.86

Document e-signed by JB Draper (jenny.draper@barkersprocurement.com)
Signature Date: 2024-12-13 - 3:02:10 PM GMT - Time Source: server- IP address: 90.202.79.86

Agreement completed.
2024-12-13 - 3:02:10 PM GMT

Adobe Acrobat Sign