



Carbon Reduction Plan 2023-24



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Introduction

IPCC Special Report on Global Warming of 1.5°C concluded that we need to keep temperature rise to a maximum of 1.5°C to avoid high risk of catastrophic consequences for people and nature. To do so, the world needs to halve emissions every decade by 2050 from a 2020 baseline, which amounts to a year-on-year reduction rate of 7%. This is called the Carbon Law. As a simple rule of thumb, it can be applied to companies, cities, nations and citizens. Since the Carbon Law outlines the global average it must be viewed as a minimum ambition and the wealthiest should go fastest.

Breyer Group recognises that climate change is already causing severe harm to societies and the global economy. To achieve this Breyer Group has set an ambitious target of achieving Net Zero 2040 in all Scopes.

Carbon neutrality is a state of net-zero carbon dioxide emissions. This can be achieved by balancing emissions of carbon dioxide with its removal (often through carbon offsetting). The term Net Zero is increasingly used to describe a broader and more comprehensive commitment to decarbonisation and climate action, moving beyond carbon neutrality by including more activities under the Scope of indirect emissions, and often including a science-based target on emissions reduction, as opposed to relying solely on offsetting.

Carbon Neutrality Definition:

'Carbon neutrality means having a balance between emitting carbon and absorbing carbon from the atmosphere in carbon sinks. Removing carbon oxide from the atmosphere and then storing it is known as carbon sequestration. In order to achieve net zero emissions, all worldwide greenhouse gas (GHG) emissions will have to be counterbalanced by carbon sequestration' (*European Parliament 2022:*

<https://www.europarl.europa.eu/news/en/headlines/society/20190926ST062270/what-is-carbon-neutrality-and-how-can-it-be-achieved-by-2050>)

Net Zero Definition:

'State reached by an organisation that has reduced its value chain emissions (Scope 1, Scope 2 and Scope 3 emissions) following science-based pathways, with any remaining residual greenhouse gas (GHG) emissions being fully neutralised by permanent or like-for-like removals exclusively claimed by that organisation. The term "residual" refers to residual emissions that remain technically unfeasible to be eliminated. Such residual emissions shall not exceed 10% of baseline emissions' (SBTi).

About



Breyer is one of the leading property services providers in the South and South East, with over 60 years of experience within the public sector. Our specialist roofing, responsive repair and renew teams deliver award-winning services through innovative, sustainable, socially-conscious and environmentally-sensitive solutions. Breyer Group falls within the definition of a 'large' company (Companies Act 2006). As such we currently report Scope 1, 2 and Scope 3 (Grey fleet) under SECR legislation.

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This report was produced by What's the Payback Limited. It was written by Paul Bleasdale. Paul Bleasdale has a MSc in Energy and Sustainable Development (Distinction), is a qualified ESOS Lead Assessor and has over 14 years' experience as an energy and low carbon consultant.

Emission Reduction Targets

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

Breyer Group is committed to achieving Net Zero Scope 1 & 2 carbon emissions by 2030.

We refer to our Scope 1 and 2 carbon emissions as our operational carbon, as it relates to our own use of energy for our own operations and is under our control.

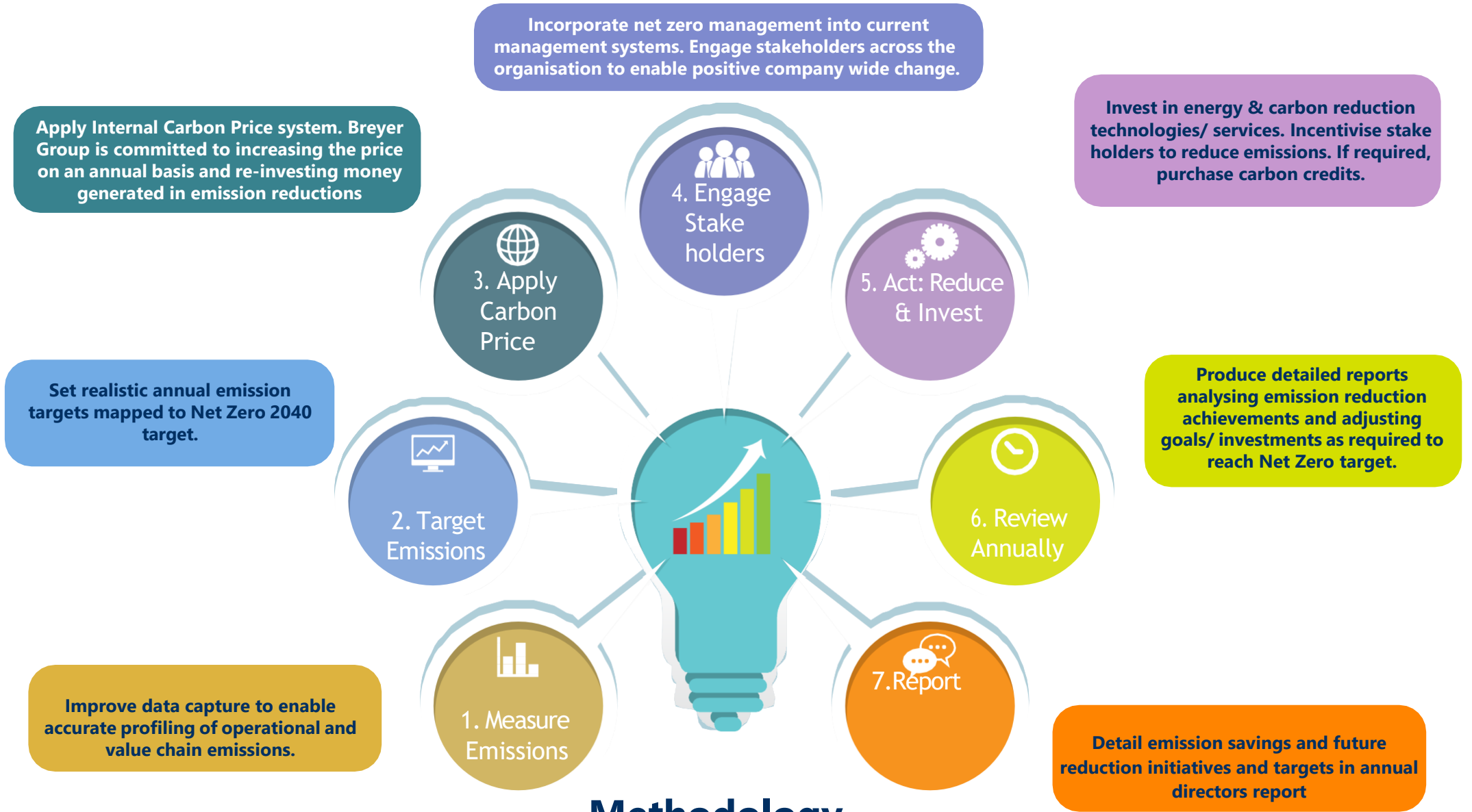
It is projected that operational Scope 1 and 2 emission will decrease from now to 2030 by 1,353.22 tCO₂e. This is a reduction of 100%.

We will achieve Net Zero for Scope 1, 2 and 3 by 2040. We are aiming to achieve this target by only offsetting residual carbon (less than 10% of current emissions).

As part of our pathway to net zero we will achieve a number of interim targets as below.



Methodology



Methodology & Net Zero

Baseline Emissions Footprint

Baseline Year: Breyer Group Financial Year 2019/20 (01/06/2019 to 31/05/2020).

EMISSIONS	TOTAL (tCO2e)
Scope 1	1,391.00
Scope 2	71.00
Scope 3	35.24

Current Emissions Reporting

Reporting Year: Breyer Group Financial Year 2022/23 (01/06/2022 to 31/05/2023)

EMISSIONS BREAKDOWN BY SCOPE	2022-23 Emissions	2021-22 Emissions	2020-21 Emissions	Base Year Emissions	% Change -Current year to base year
	tCO ₂ e	tCO ₂ e	tCO ₂ e	tCO ₂ e	
Scope 1	1,293.47	1,222.00	927.00	1,391.00	-7%
Gas	21.23	268.48	16.00	18.00	18%
Transport Fuels	1,272.23	953.52	911.00	1,373.00	-7%
Other direct emissions	0.00	0.00	0.00	0.00	-
Scope 2 (electricity - Location based)	59.75	49.00	59.00	71.00	-16%
Scope 3	194.47	456.24	218.24	35.24	452%
Total Gross tCO₂e	1,547.68	1,727.24	1,204.24	1,497.24	3%
Intensity Metric - tCO₂e/£m Turnover	18.09	20.90	15.40	21.25	-15%
Scope 1: Controlled Vehicles - kWh	4,921,143.24	6,612,602.08	6,953,556.00	6,258,504.00	-21%
Scope 1: Onsite Vehicles - kWh	115,763.24	-	-	-	-
Scope 1: Onsite fuel (Mains Gas) - kWh	116,072.00	268,483.22	89,593.00	98,515.00	18%
Scope 1: Onsite Fuels (Other)* - kWh	0.00	0.00	0.00	0.00	-
Scope 2: Electricity - kWh	288,538.00	252,900.70	280,774.00	276,365.00	4%
Scope 3 Grey Fleet Transport - kWh	685,800.04	-	-	-	-
Total UK Energy Consumption (kWh)	6,127,316.52	7,133,986.00	7,323,923.00	6,633,384.00	-8%

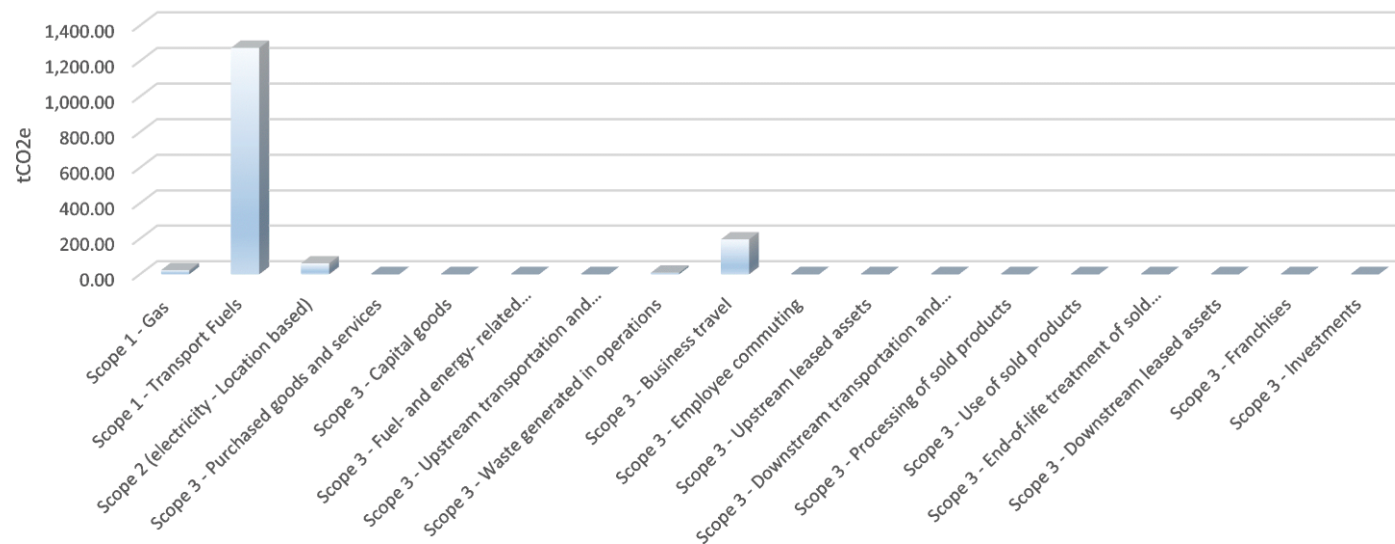
Scope 3 data was incomplete, current reporting years emissions were applied to previous year emissions.

Current Emissions Reporting

Reporting Year: Breyer Group Financial Year 2022/23 (01/06/2022 to 31/05/2023)

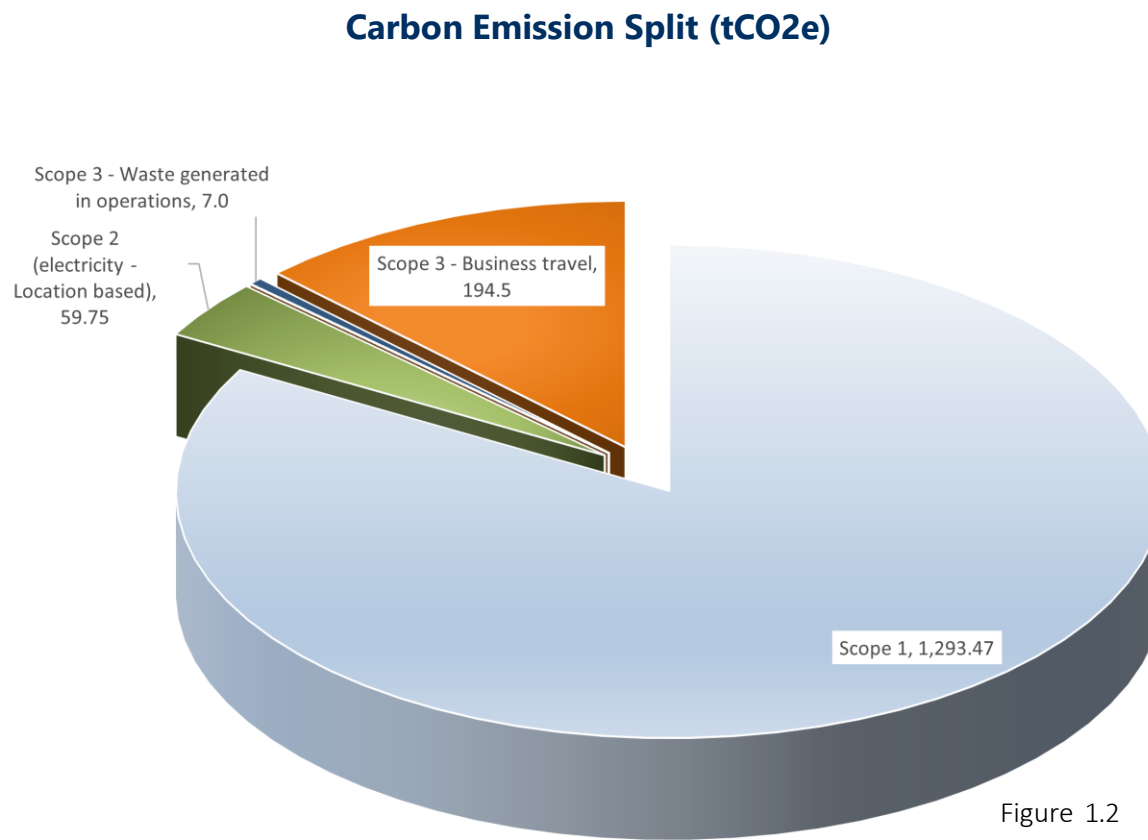
SECR ENERGY BREAKDOWN	UK Energy Consumption		
	Fuel	MWh	kWh
Scope 1: Controlled Vehicles - kWh		4,921.14	4,921,143.24
Scope 1: On-site Fuel (generators/plant)- kWh		115.76	115,763.24
Scope 1: Mains Gas - kWh		116.07	116,072.00
Scope 1: Other Fossil Fuels (e.g. kerosene)- kWh		0.00	0.00
Scope 2: Electricity - kWh		288.54	288,538.00
Scope 3 Grey Fleet Transport - kWh		685.80	685,800.04
		6,127.32	6,127,316.52

Emissions by category



Total Emission Split:

Chart 1.2 details total emission split for Scopes 1-3. Whilst it should be noted that Scope 3 emissions are incomplete, the greatest emission source for the current data set is Scope 1.



Scope 3 carbon (value chain)

Historically our data capture for Scope 3 carbon has been limited to grey fleet for SECR reporting. We will be developing a robust, clear and consistent reporting methodology for our carbon data for Scope 3. On completion of the pathway to net zero work we will be able to clearly detail the data sources, emissions types and how they interact with reportables such as the Net Zero Carbon Strategy and SECR. It is our intention to map out our value chain and to identify and report Scope 3 emissions that are significant, quantifiable and offer tangible opportunities for reduction through our actions and choices. PPN 06/21 guidance states that Carbon Plans must report the following subset of Scope 3 emissions. As this is the second year Breyer Group have produced a Carbon Plan, we have developed a traffic light signal to indicate our current Scope 3 (subset) emission data quality and to communicate the actions we have put in place to record more comprehensive data in the future.



There is no significant upstream transportation to account for.



New system established recording different waste streams.



Business mileage is recorded via expense system.

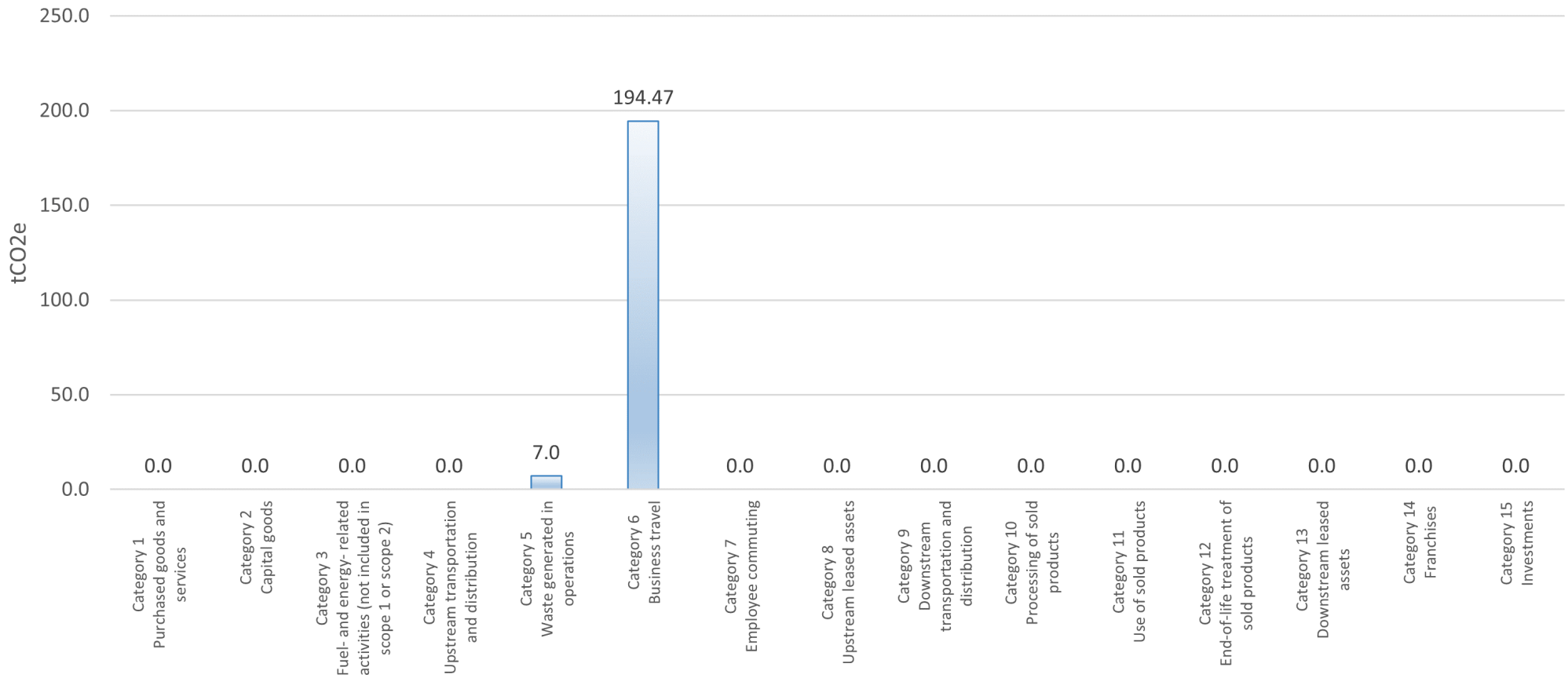


Data recording system to be established to accurately record employee commuting data



There is no significant downstream transportation to account for.

Scope 3 emissions (tCO2e)

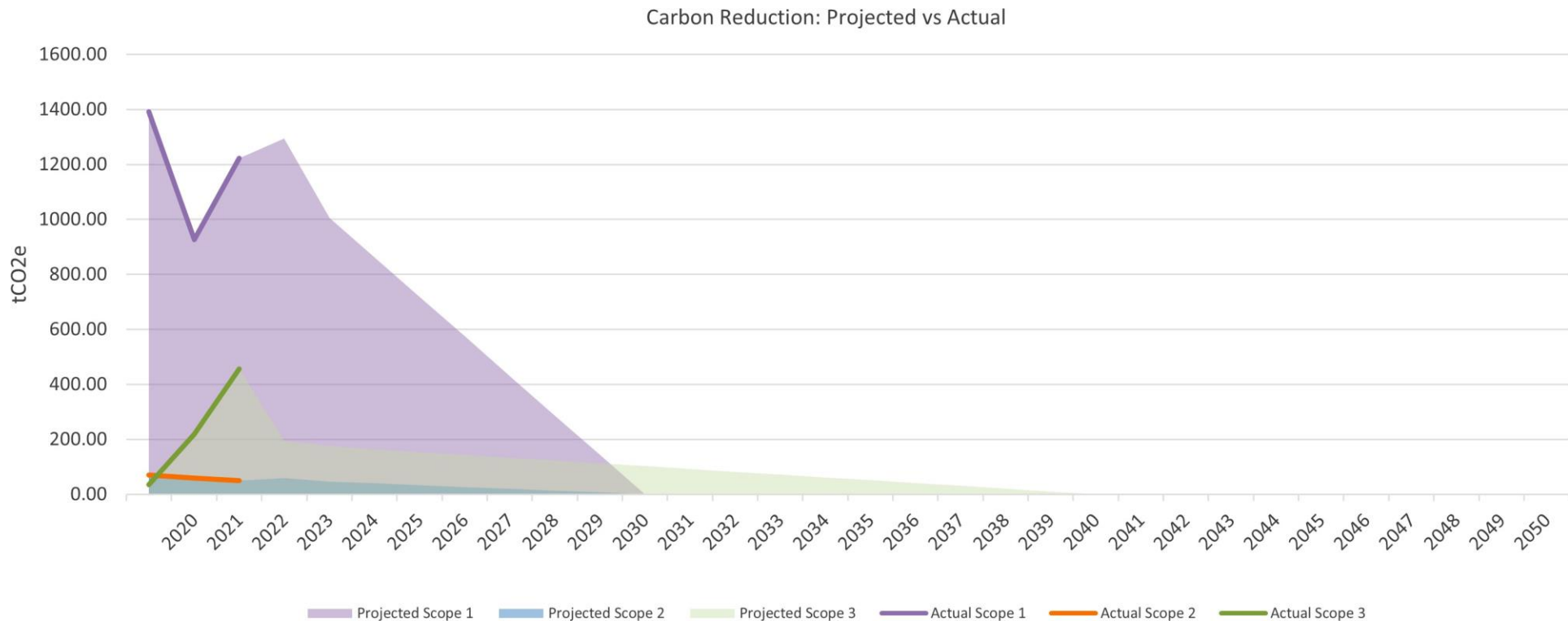


Offsetting

At Breyer Group, we have committed to achieving net zero across all three greenhouse gas emissions Scopes, including all of the energy that we use and carbon we emit. Residual emissions that cannot be eliminated will be offset by the purchase of Gold Standard carbon credits.

Road to Net Zero

Chart 1.5 charts our actual and projected emission reductions towards Net Zero 2040. We believe that as our business maturity in carbon grows our ability to accelerate the carbon reductions through improved commercial arrangements and availability of enhanced technology in other sectors will also be improved.



Carbon Reduction Projects

Current projects on our pathway to Net Zero include:

Scope 1

- »» Review possible hybrid/BEV vehicle alternatives
- »» Trial hybrid & bio-fuel generator site power solutions & eco welfare cabins
- »» Install adequate charging infrastructure to our offices
- »» Use battery powered tools where appropriate
- »» Improve van stocking management and use local builders merchants where possible to reduce journeys

Scope 2

- »» Rolling programme to update all inefficient lighting to LED. LED lights have now been installed in 75% of our office buildings.
- »» Increase cloud computing and decommissioning of local IT infrastructure
- »» Purchase 100% green electricity

Scope 3

Waste:

- »» Breyer Group established a target for waste to avoid landfill by 95% which we ensure we do by utilising waste brokers who are willing to commit to this expectation. Much of our waste is either recycled or turned into heat for energy. We also endeavour to recycle or reuse waste wherever possible and work with national wood collection charities to support local causes
- »» Reducing paper usage through implementation of EasyBOP which is our document management system used for each project

Transport: We will establish a salary sacrifice electric car leasing via Octopus Energy.

Purchase goods and services:

- »» Reviewing suppliers of materials to ensure we are sourcing deliveries locally to reduce travel distances
- »» Ensure suppliers are committing to similar net zero targets and where there are shortfalls work with those to achieve this
- »» Develop a full suite of information for lifecycle of materials being used

Implement new reporting software to capture and record carbon data project by project on a month-by-month basis so high producing areas can be reviewed in real time.

Declaration and Sign Off

This Net Zero Carbon Strategy has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Net Zero Carbon Strategies.

Emissions have been reported and recorded in accordance with the published reporting standard for Net Zero Carbon Strategies and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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 Net Zero Carbon Strategies and the Corporate Value Chain (Scope 3) Standard³.

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

Daren Moseley, Managing Director:



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Date: 20/11/2023

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>