



# Operational Carbon Footprint

Reporting Company	Harrison Products Co
Company Number	5918354
Location (s)	Gateway House, GL56 9JY (until 2022) Unit 420, WR11 1JH Stella House, WR11 1GN Apex House, WR11 1LB
Period Covered	1 <sup>st</sup> January 2020 – 31 <sup>st</sup> December 2024
Project Number	HAR01_005
Date	June 2025

**CARBON QUOTA**<sup>®</sup>

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## About this report

The data you have provided has been validated via a series of spot checks, utilising evidence such as utility bills where available. We also compared your results with those of the wider industry and determined that they are in line with expectations. Therefore, we believe that this report accurately depicts your operational carbon footprint.

Nevertheless, since you are more familiar with your business, please verify the data presented in this report carefully. This includes ensuring the data tables are accurate, and that the information we have collected from you is an accurate representation of what occurs within your organisation. Should any results not conform to your expectations, please inform us so we can investigate together.

This report aims to provide an overview of your operational carbon footprint, limited to the emissions associated with the energy and processes you directly control within your building(s) and your company vehicles, where applicable. If you have provided details, it also includes the carbon footprint of your staff when travelling to work, on business trips, or working from home.

The report does not cover the carbon footprint of activities that you do not directly control such as printing substrates, consumables, other goods and services you purchase, sub-contracting, capital goods, waste, external transport, or end-of-life of sold products.

# Terms & Definitions



## CO<sub>2</sub>e

Carbon dioxide equivalent is the standard international measurement of a carbon footprint. That is, the total amount of greenhouse gases, specifically carbon dioxide (CO<sub>2</sub>) and other equivalent emissions, that are directly or indirectly associated with an organisation's products or activities.



## Scope 1 and 2

Scope 1: Direct emissions from an organisation's-controlled sources, including: on-site fuel combustion, company vehicles, industrial greenhouse gas use, refrigerant leaks.

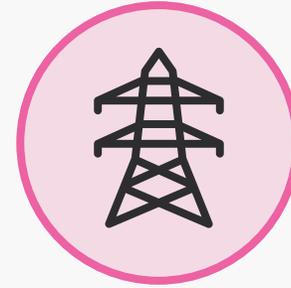
Scope 2: Indirect emissions from purchased electricity, steam, heating, or cooling.



## Scope 3

Scope 3: Indirect emissions that are a consequence of your actions but from sources you do not own or control, and which are not classed as Scope 2. These make up 65–95% of most companies' carbon footprint.

Examples of scope 3 emissions are those generated from commuting and purchased goods.



## Location vs Market-Based

Location-based emissions are those caused by energy consumption at your facility. These are the tonnes of CO<sub>2</sub>e resulting from the use of grid electricity in your region, regardless of the tariff you pay.

Market-based reflects purchasing choices, or the lack of them. This approach looks at the emissions of the company you purchase your energy from, and the sources of electricity they purchase (e.g., 100% renewable, natural gas or coal).

Even when you purchase a lower carbon tariff you still consume average grid electricity, so a location-based approach looks at your true emissions. Your results are displayed through the market-based approach throughout this report.

# Executive Summary

## Your Carbon Footprint Overview

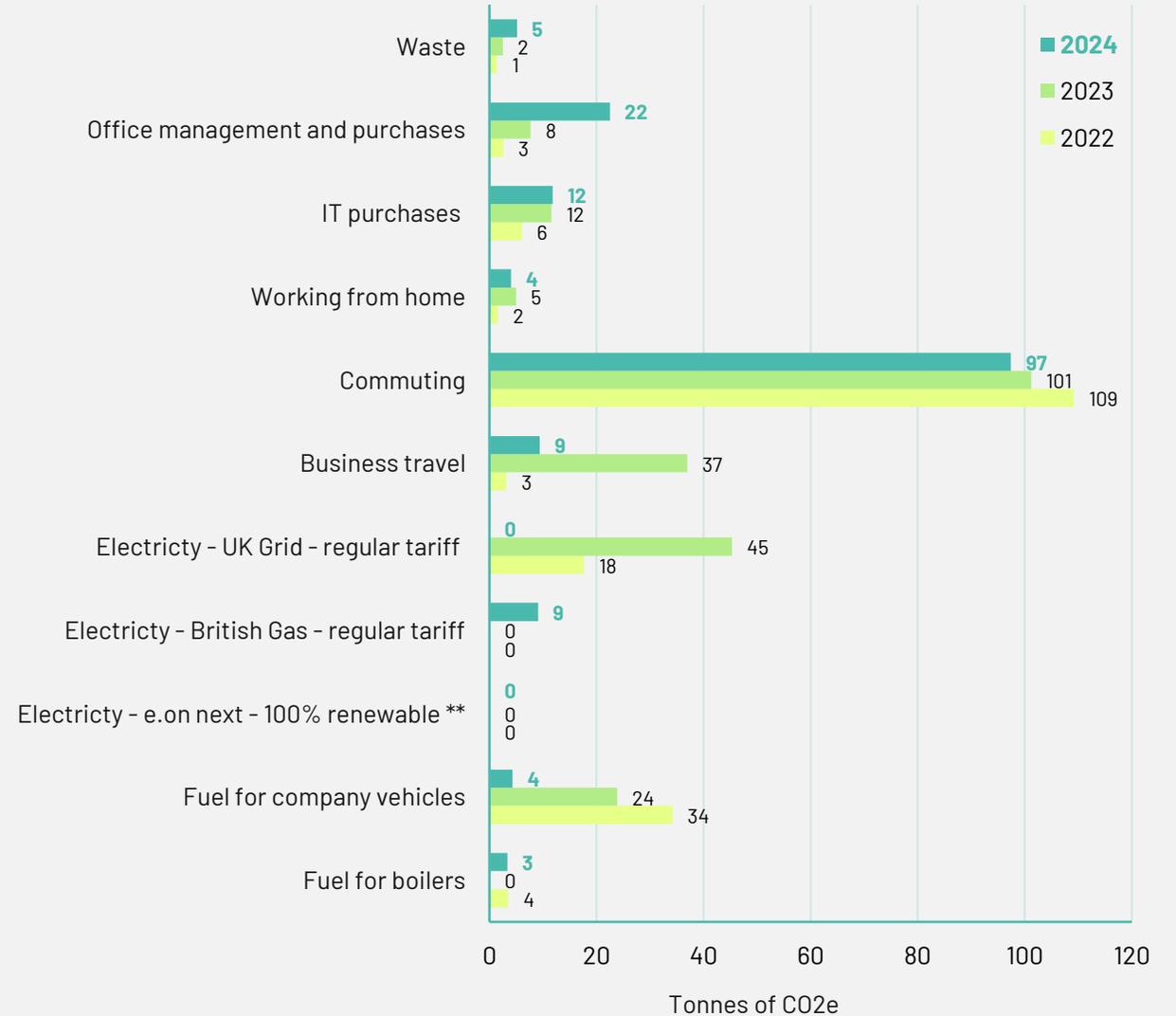


Summary	Three urgent things to do
Your data highlights commuting as the largest carbon hotspot, with 90% of commuting emissions from diesel/petrol car travel. Emissions decreased by 29% this year, driven by a shift to alternative energy providers, including one with 100% renewable supply, and reduced company vehicle emissions, due to a switch to hybrid vehicles.	<ol style="list-style-type: none"> <li>1. Introduce initiatives such as car sharing and educational schemes to reduce commuting by private diesel/petrol cars.</li> <li>2. Prioritise the purchase of second-hand IT equipment instead of new.</li> <li>3. Prioritise booking economy flights verses business class for long haul business travel.</li> </ol>

\*CO2e = carbon dioxide equivalent, the standard international measurement of carbon footprint.

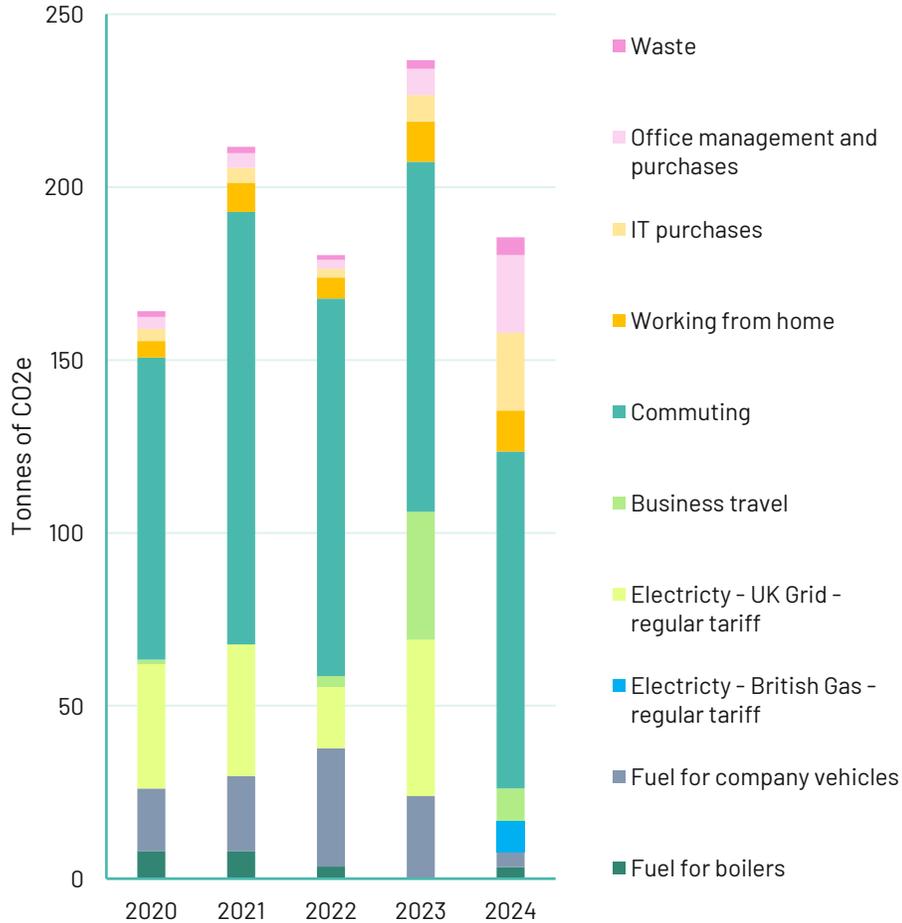
\*\* 100% renewable electricity is recorded as 0 tCO2e because the emissions are based on the supplier's specific data, and renewable energy suppliers have zero emissions.

## Your carbon hotspots

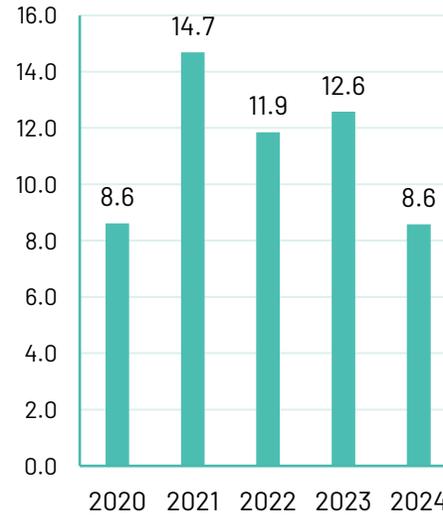


# Your Carbon Emissions: Intensity Ratios

**Total carbon emissions**



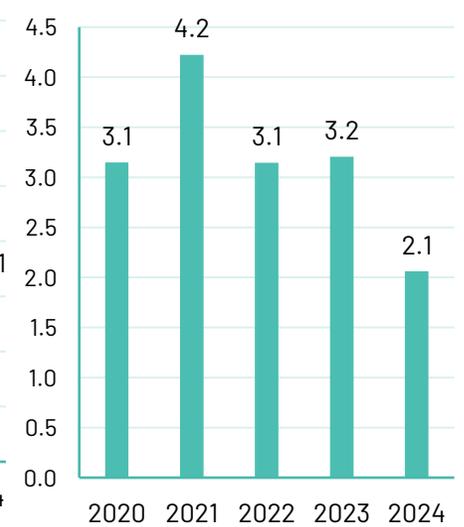
**Tonnes CO2e per £ million sales revenue**



**Tonnes CO2e per m2 footprint of buildings**

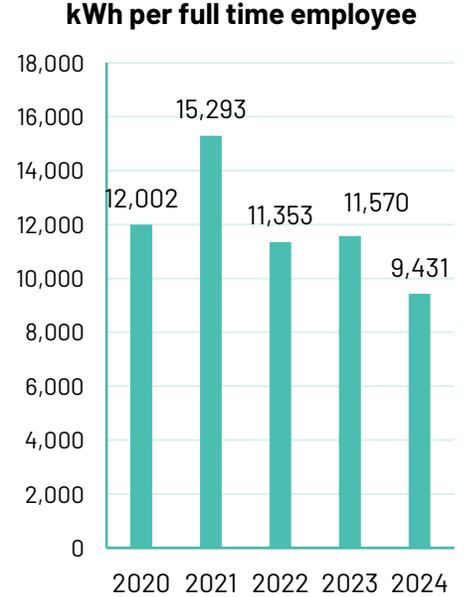
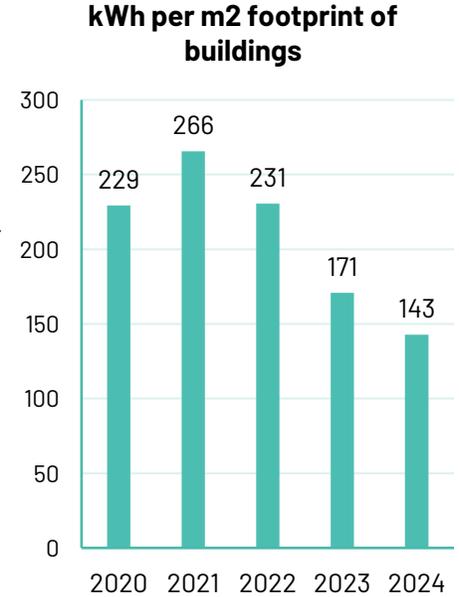
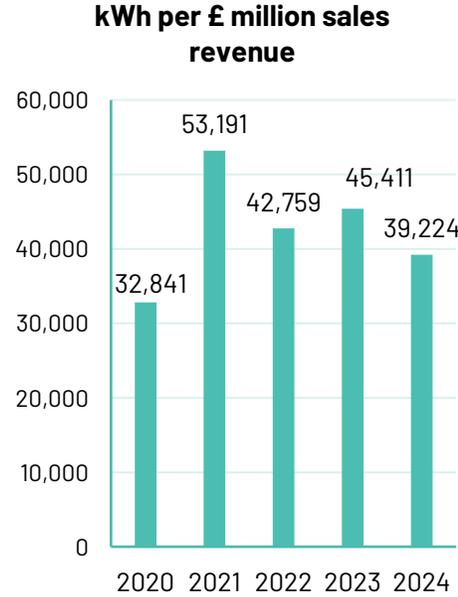
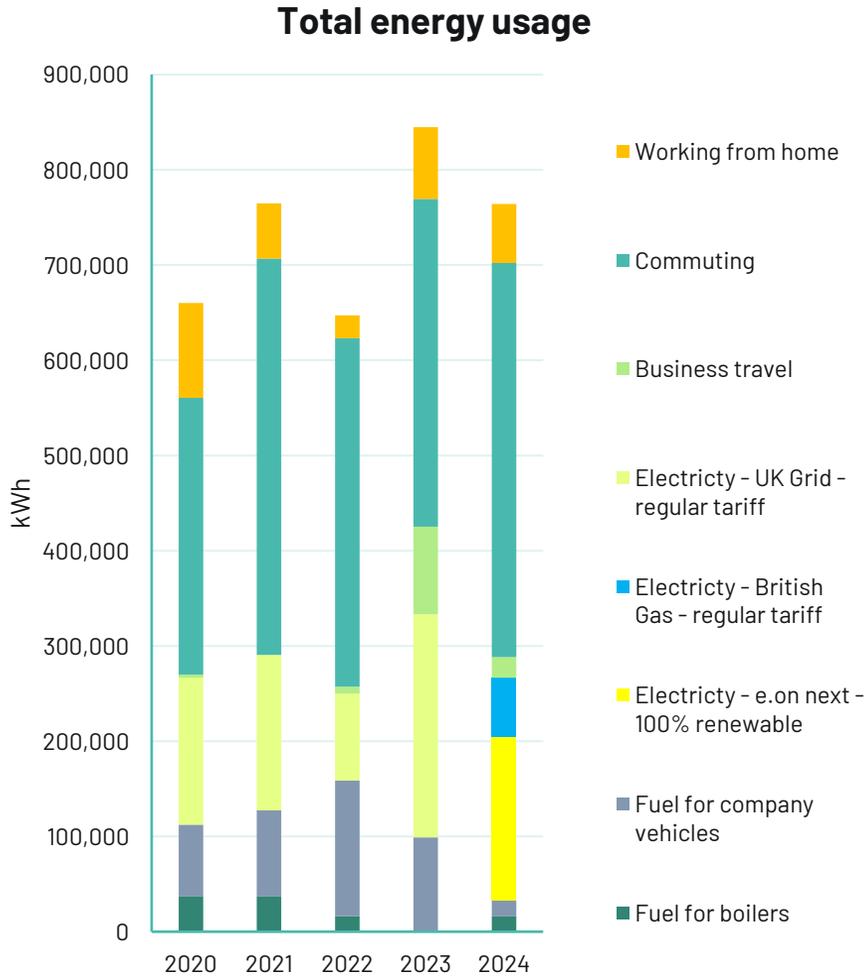


**Tonnes CO2e per full time employee**



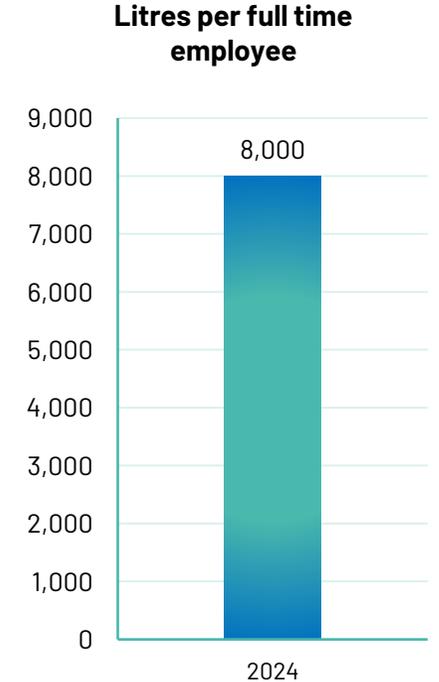
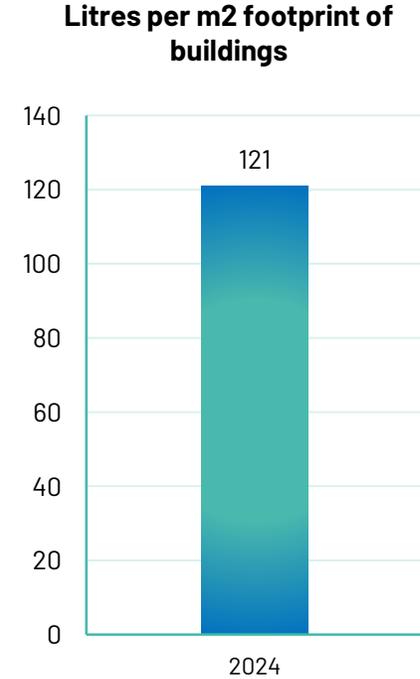
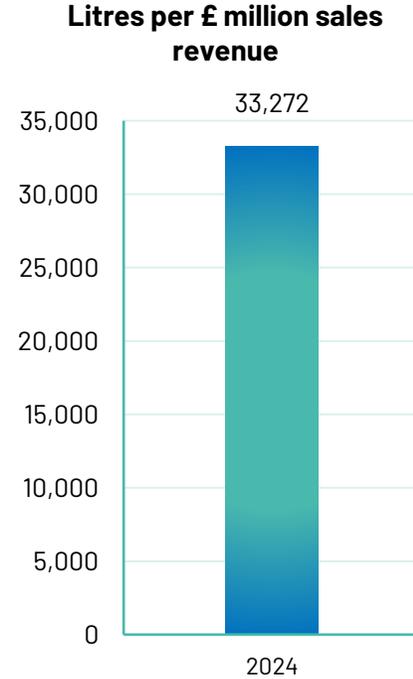
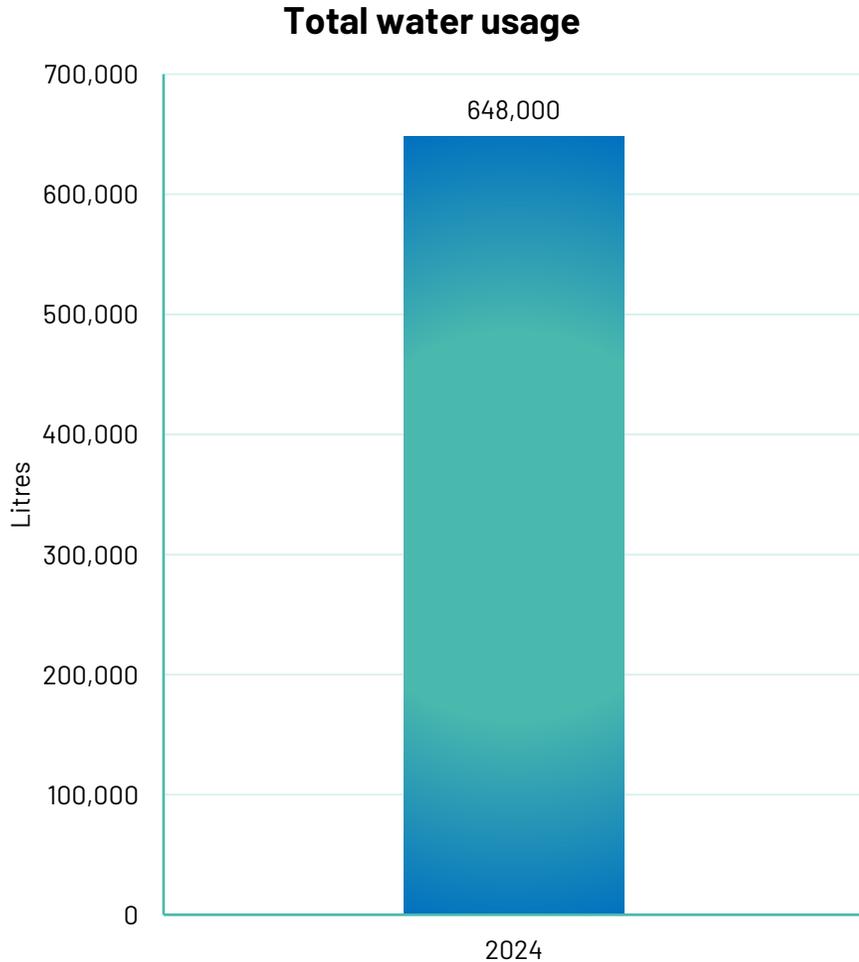
Intensity ratios provide a valuable measure of your organisation's carbon performance, comparing emissions data against key business metrics such as revenue, floor space, and staff size. Tracking these ratios over time enables you to monitor progress, assess efficiency improvements, and benchmark performance against similar organisations. This year, all intensity ratios have decreased, reflecting a notable reduction in total emissions. This improvement has primarily been driven by the transition from standard grid electricity to more sustainable energy providers, including a 100% renewable supply from e.on next. Please note that these ratios are market-based, which means the emissions from 100% renewable electricity supplied by e.on next are reported as zero and therefore do not appear in the left-hand graph.

# Your Energy Usage: Intensity Ratios



Energy intensity ratios provide insight into the contribution of energy use to your overall carbon footprint. The graph on the left shows that, despite a 100% renewable electricity tariff, carbon emissions are still reported because the electricity originates from the national grid. Energy intensity measures the amount of energy consumed per unit of business activity or service. Reducing the energy required for a given product or service lowers the energy intensity and helps decrease overall emissions. By using less energy, your organisation reduces its greenhouse gas emissions and carbon footprint. In 2024, energy intensity decreased across all ratios, reflecting ongoing improvements in energy efficiency.

# Your Water Usage: Intensity Ratios



Your water footprint is a measure of the total water consumed to produce your products and services.

While not having a direct impact on your carbon footprint, using less water not only reduces your environmental impact, it also helps your business cut costs by reducing your water bill. Keeping this in mind is therefore very important.

# Reduction Strategy

Harrison Products’ main contributor to carbon emissions is commuting, with 90 percent of commuting-related emissions coming from diesel and petrol car travel. To reduce this, introduce initiatives such as car sharing and educational programmes that encourage employees to choose more sustainable transport options. Installing electric vehicle charging points on site can make it easier for staff to switch to electric vehicles, while also future-proofing your facilities. These measures will not only reduce emissions but also support a more sustainable and forward-thinking workplace culture.

Information technology purchases have become an increasingly significant source of emissions, driven by regular investment in new laptops, tablets, and screens. To reduce this, prioritise the purchase of high-quality second-hand equipment. Refurbished devices offer comparable performance with a much lower carbon footprint, supporting both environmental and financial sustainability.

Business travel emissions also represent a key opportunity for reduction, with 92 percent of emissions in this category resulting from flights. To address this, economy class should be prioritised over business class, as flying business emits on average 22 percent more carbon per journey. Where feasible, short-haul flights should be replaced with lower-carbon alternatives such

as train travel. Additionally, increasing the use of virtual meetings can help reduce the need for travel altogether. These changes offer a practical way to cut emissions while maintaining operational effectiveness.

Office management and purchases are the second-largest emissions category, dominated by food and drink purchases which account for 69 percent of this area. Reducing emissions in this category can be more challenging as it would require limiting the volume of goods purchased. However, improvements can still be made by sourcing locally, choosing seasonal and plant-based options, minimising packaging, and reducing food waste. Despite this, efforts should focus primarily on more directly controllable areas such as commuting, vehicle use, and information technology procurement.

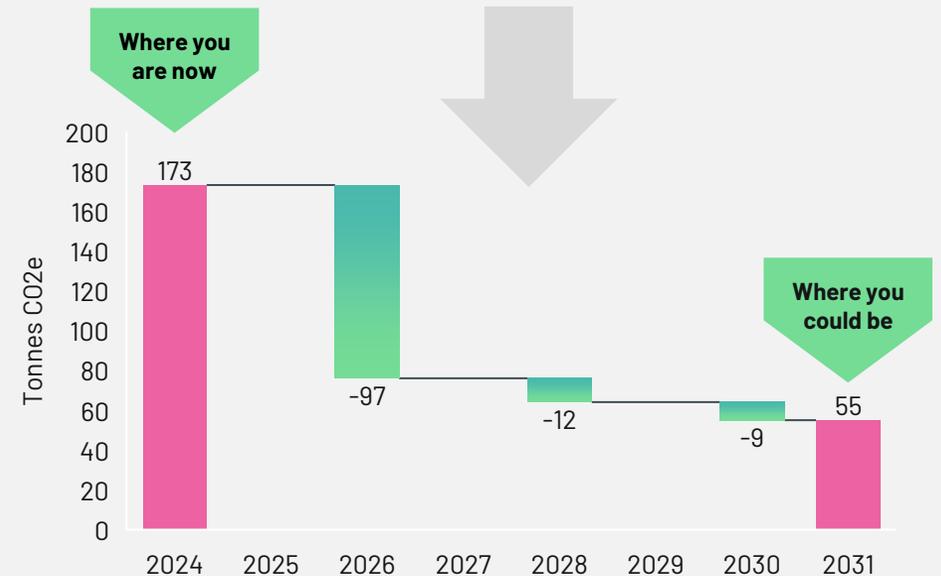
Between 2022 and 2023, total emissions rose due to the addition of Apex House. However, emissions decreased again in 2024, reflecting the impact of targeted actions such as the transition to renewable electricity providers and reduced business travel.

To ensure long-term success, all carbon reduction measures should be supported by a realistic financial plan. The next page outlines practical initiatives with suggested timelines and cost considerations to help guide implementation.

## Potential Reductions

Reducing your carbon emissions requires consistent annual reductions. If you complete these objectives over the next 7 years you will see a consistent carbon reduction. You should be targeting an annual reduction of 24 tonnes of CO<sub>2</sub>e.

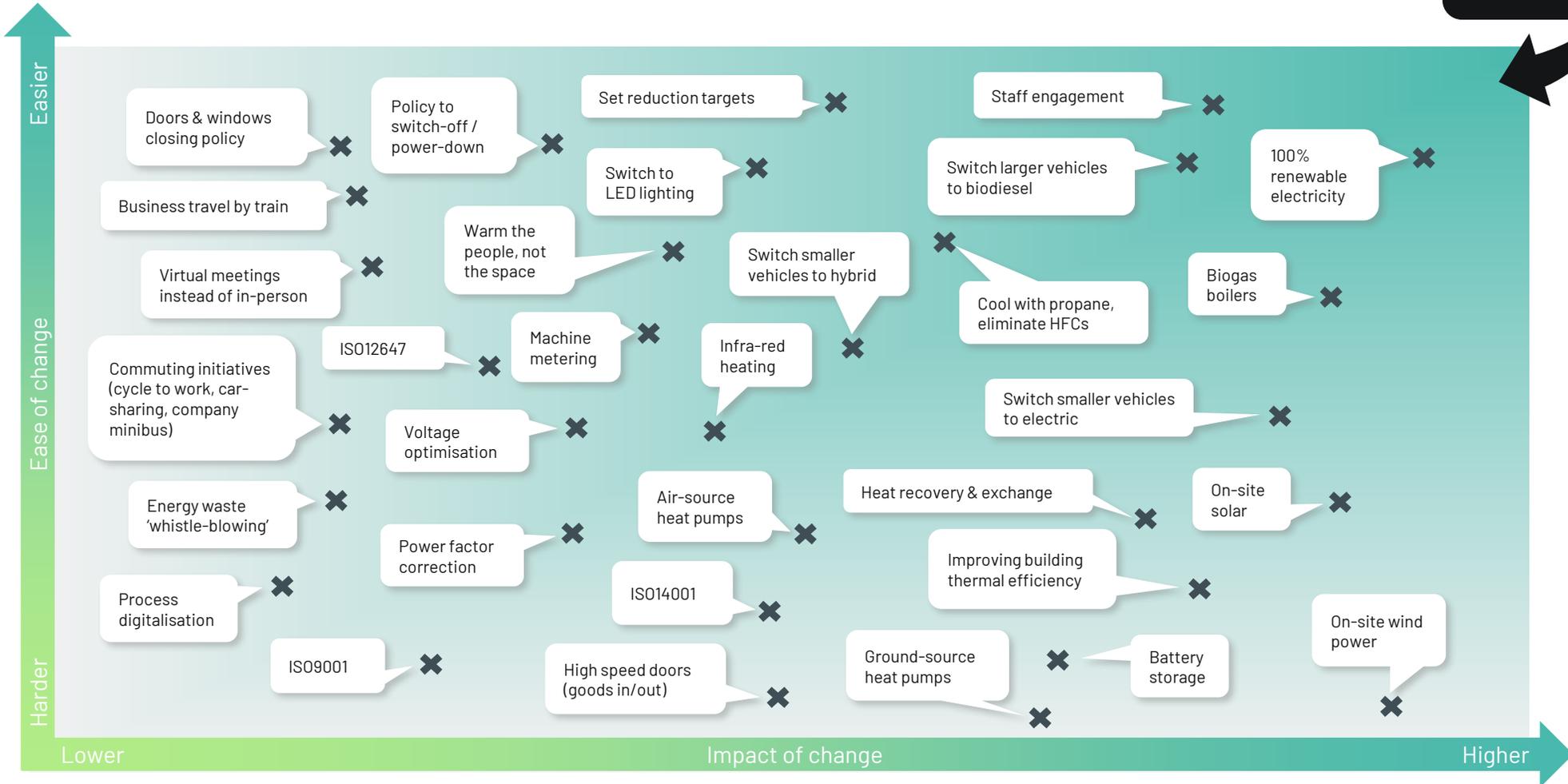
Reduction target	Possible carbon reduction
Introduce initiatives such as car sharing and educational schemes to reduce commuting by private diesel/ petrol cars.	<b>97 tCO<sub>2</sub>e</b>
Prioritise the purchase of second-hand IT equipment instead of new.	<b>12 tCO<sub>2</sub>e</b>
Prioritise booking economy flights verses business class for long haul business travel.	<b>9 tCO<sub>2</sub>e</b>



# Carbon Reduction Ideas

We have ranked the top thirty initiatives that are improving energy efficiency and reducing carbon footprints. **How do you compare?**

The easiest and most impactful changes are towards the top right corner



# Carbon Disclosure

## When your customers ask

It is becoming normal to disclose your carbon footprint to your customers. This can be in statutory reports, in responses to enquiries, and on public directories.

Carbon emissions category	tCO2e				
	2020	2021	2022	2023	2024
Scope 1	26.07	29.69	37.76	23.87	7.63
Scope 2 (market based)	35.97	38.04	17.67	45.29	9.09
Scope 2 (location based)	35.97	38.04	17.67	45.29	48.37
Scope 3*	111.08	143.45	123.93	164.86	150.29
Total (market based)	173.11	211.17	179.36	234.02	167.01
Total (location based)	173.11	211.17	179.36	234.02	206.28

\*Scope 3 only includes business travel, commuting, working from home, IT purchases, office management and purchases, and waste.

### External Assessment – what to say about this process:

We have appointed CarbonQuota to independently assess the accuracy, completeness, and consistency of energy use and carbon footprint calculations, within the operations under our direct control.

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Being asked about your Scope 3 emissions, or need more help?  
Contact: [info@carbonquota.co.uk](mailto:info@carbonquota.co.uk)

## CarbonQuota can help you with

Creating a reputable, in depth, and market leading carbon reduction plan that will help you to:

- Disclose to organisations such as:
  - CDP
  - Ecovadis
  - SECR
  - B-Corp
- Enhance your ESG reporting;
- Ensure yearly carbon reductions;
- Help financially plan to achieve carbon reduction targets.



# Marketing Toolkit: Certification & Label

## Shout about it on your website

### Certification of Carbon Footprint Reduction



CarbonQuota has assessed and certified a reduction in the greenhouse gas emissions associated with the following organisation:

Company	<b>Harrison Products Co</b>
Locations	<b>Unit 420, WR11 1JH; Stella House, WR11 1GN; Apex House, WR11 1LB</b>
Latest greenhouse gas emissions	<b>Market-based 2023 : 234.02 tonnes CO2e Market-based 2024 : 167.01 tonnes CO2e</b>
Market-based carbon intensity reduction	<b>2023: 3.21 tonnes CO2e per full time employee 2024: 2.06 tonnes CO2e per full time employee</b>
Date	<b>June 2025</b>

CarbonQuota has assessed the greenhouse gas emissions associated with Harrison Products Co direct operations.

The period 1<sup>st</sup> January 2024 to 31<sup>st</sup> December 2024 was measured against the 2023 previous year and resulted in a 34% reduction in the intensity ratio of CO2e measured per full time employee.

The operational boundaries of this study comprise the scope 1 Greenhouse Gas (GHG) emissions associated with fuel for boilers and company vehicles. Scope 2 GHG emissions associated with purchased electricity, and scope 3 GHG emissions associated with business travel, commuting, working from home, IT purchases, office management and purchases, and waste. All other scope 1, 2 & 3 GHG categories were excluded.



## Add this to your email signature



## What you can say

We are working with CarbonQuota to measure and reduce our carbon footprint (Certified: CarbonQuota 2025).

# Marketing Toolkit: Carbon Footprint Infographic

Certified  
**CARBONQUOTA**  
**CARBON REDUCED**  
OPERATION

**67** tonnes  
**reduction**

At Harrison Products Co, our absolute emissions fell by 67 tonnes from the previous year. In 2023 our annual emissions were 234.02 tonnes of CO<sub>2</sub>e, and in 2024 they were 167.01 tonnes of CO<sub>2</sub>e.

**2023 Footprint**  
In 2023 our intensity ratio of CO<sub>2</sub>e per full time employee was 3.21 tonnes CO<sub>2</sub>e.

**3.21**  
Tonnes  
per full time employee

**2024 Footprint**  
In 2024 our intensity ratio of CO<sub>2</sub>e per full time employee was 2.06, a 34% reduction.

**2.06**  
Tonnes  
per full time employee

**How that compares**  
Our absolute carbon reduction savings are equivalent to

Flying **9** times around the world in economy class...

...or driving **249 thousand** miles...

...or boiling just enough water for **2.7 million** cups of tea



# Input Table

Activity	Scope	Unit	2020	2021	2022	2023	2024
Revenue		Pound GB	20,100,000.00	14,376,000.00	15,133,788.00	18,600,000.00	19,475,792.00
FTE		Employees	55.00	50.00	57.00	73.00	81.00
Building area		m2	2,879.97	2,879.97	2,807.20	4,945.70	5,351.13
Water Usage		litre	-	-	-	-	648,000.00
LPG/Propane for boilers	1	litre	5,172.00	5,172.00	2,276.00	-	2,220.00
Diesel purchased for company vehicles (via expenses)	1	Pound GB / miles	£9,064.00	£10,883.00	£17,207.00	£12,000.00	4,152.60 miles
Hybrid for company vehicles (via expenses)	1	miles	-	-	-	-	15,725.50
Electricity UK Grid regular tariff	2	kWh	154,270.69	163,143.00	91,371.89	234,203.04	-
e.on next 100% renewable tariff	2	kWh	-	-	-	-	171,659.30
British Gas	2	kWh	-	-	-	-	61,957.78
Car travel for employee-owned cars (via expenses)	3	miles	-	-	316.00	13,424.50	1,687.40
Taxi Travel for business travel	3	miles	-	-	20.00	-	-
Train Travel - Standard class for business travel	3	miles	-	-	190.00	515.20	-
Tube for business travel	3	Tap ins	-	-	2.00	3.00	2.00
Air travel - Economy for business travel	3	miles	4,382.00	-	6,416.00	105,731.60	18,880.00
Air travel - Business for business travel	3	miles	-	-	2,819.52	0.00	8,296.00
Hotel stay for business travel	3	nights	-	-	3.00	40.00	25.00
Walking & Cycling for commuting	3	miles	-	-	3,200.40	5,465.40	5,590.20
Bus travel for commuting	3	miles	-	-	1,113.60	4,353.80	8,577.20
Taxi Travel for commuting	3	miles	-	-	-	-	2,366.80
Car travel for commuting	3	miles	259,040.50	371,157.60	315,150.84	276,423.40	331,778.80
Hybrid for commuting	3	miles	-	-	8,927.00	15,168.00	30,292.00
Electric vehicle for commuting	3	miles	-	-	11,742.00	50,425.60	23,229.80
Working from home	3	Days	2,581.00	1,495.00	623.00	1,944.00	1,604.00

# Input Table Continued

Activity	Scope	Unit	2020	2021	2022	2023	2024
Smartphones purchased goods	3	number of items	2.00	1.00	2.00	1.00	1.00
Tablets & Laptops purchased goods	3	number of items	9.00	15.00	5.00	7.00	22.00
Display Screens purchased goods	3	number of items	5.00	10.00	12.00	26.00	13.00
Reams of A4 Paper purchased goods	3	Reams	211.00	285.00	282.00	260.00	240.00
Other Office stationery purchased goods	3	Pound GB	4,160.00	2,892.00	3,215.19	3,711.12	4,492.94
Office Furniture purchased goods	3	Pound GB	-	3,500.00	285.95	40,000.00	-
Office food & drink purchased goods	3	Pound GB	25,018.00	28,632.00	39,000.00	50,916.56	69,596.77
Office cleaning & hygiene purchased goods	3	Pound GB	8,262.00	10,994.00	13,516.50	11,337.52	15,815.60
Staff uniform purchased goods	3	Pound GB	692.00	507.00	2,700.00	2,306.89	6,842.53
Office waste - General	3	number of items	1,500.00	1,721.00	1,850.00	2,370.00	780.00
Office waste - Recycling	3	number of items	-	-	-	-	1,200.00

# Results Table: Carbon Footprint

Activity	Scope	Unit	2020	2021	2022	2023	2024
Water Usage		tCO2e	0.00	0.00	0.00	0.00	0.10
LPG/Propane for boilers	1	tCO2e	8.04	8.04	3.54	0.00	3.33
Diesel purchased for company vehicles	1	tCO2e	18.03	21.65	34.23	23.87	1.10
Hybrid for company vehicles (via expenses)	1	tCO2e	0.00	0.00	0.00	0.00	3.19
Electricity UK Grid regular tariff	2	tCO2e	35.97	38.04	17.67	45.29	0.00
e.on next 100% renewable tariff	2	tCO2e	0.00	0.00	0.00	0.00	0.00
British Gas	2	tCO2e	0.00	0.00	0.00	0.00	9.09
Location Based Electricity	2	tCO2e	35.97	38.04	17.67	45.29	48.37
Car travel for employee-owned cars (via expenses)	3	tCO2e	0.00	0.00	0.11	4.53	0.45
Taxi Travel for business travel	3	tCO2e	0.00	0.00	0.01	0.00	0.00
Train Travel - Standard class for business travel	3	tCO2e	0.00	0.00	0.01	0.04	0.00
Tube for business travel	3	tCO2e	0.00	0.00	0.00	0.00	0.00
Air travel - Economy for business travel	3	tCO2e	1.32	0.00	1.93	31.81	5.56
Air travel - Business for business travel	3	tCO2e	0.00	0.00	1.06	0.00	3.14
Hotel stay for business travel	3	tCO2e	0.00	0.00	0.04	0.58	0.26
Walking & Cycling for commuting	3	tCO2e	0.00	0.00	0.00	0.00	0.00
Bus travel for commuting	3	tCO2e	0.00	0.00	0.26	1.03	1.39
Taxi Travel for commuting	3	tCO2e	0.00	0.00	0.00	0.00	0.75
Car travel for commuting	3	tCO2e	87.32	125.12	106.24	93.18	87.50
Hybrid for commuting	3	tCO2e	0.00	0.00	1.72	2.92	6.15
Electric vehicle for commuting	3	tCO2e	0.00	0.00	0.95	4.08	1.63
Working from home	3	tCO2e	12.55	3.82	1.59	4.97	4.02

# Results Table: Carbon Footprint

Activity	Scope	Unit	2020	2021	2022	2023	2024
Smartphones purchased goods	3	tCO2e	0.19	0.09	0.19	0.09	0.09
Tablets & Laptops purchased goods	3	tCO2e	2.84	4.73	1.58	2.21	7.10
Display Screens purchased goods	3	tCO2e	1.78	3.57	4.28	9.27	4.64
Reams of A4 Paper purchased goods	3	tCO2e	0.92	1.25	0.58	1.14	0.35
Other Office stationery purchased goods	3	tCO2e	0.05	0.04	0.03	0.05	0.41
Office Furniture purchased goods	3	tCO2e	0.00	0.12	0.00	1.40	0.00
Office food & drink purchased goods	3	tCO2e	2.44	2.79	1.90	4.96	15.49
Office cleaning & hygiene purchased goods	3	tCO2e	0.08	0.10	0.06	0.11	2.08
Staff uniform purchased goods	3	tCO2e	0.01	0.00	0.03	0.02	4.17
Office waste - General	3	tCO2e	1.58	1.81	1.37	2.49	5.04
Office waste - Recycling	3	tCO2e	0.00	0.00	0.00	0.00	0.10
<b>Total (Location-Based)</b>		<b>tCO2e</b>	<b>173.11</b>	<b>211.17</b>	<b>179.36</b>	<b>234.02</b>	<b>212.10</b>
<b>Total (Market-Based)</b>		<b>tCO2e</b>	<b>173.11</b>	<b>211.17</b>	<b>179.36</b>	<b>234.02</b>	<b>172.83</b>

# Results Table: Energy Usage

Activity	Scope	Unit	2020	2021	2022	2023	2024
LPG/Propane for boilers	1	kWh	37,497.00	37,497.00	16,501.00	0.00	16,095.00
Diesel purchased for company vehicles	1	kWh	74,919.63	89,954.80	142,226.61	99,187.50	4,657.97
Hybrid for company vehicles (via expenses)	1	kWh	0.00	0.00	0.00	0.00	12,254.26
Electricity UK Grid regular tariff	2	kWh	154,270.69	163,143.00	91,371.89	234,203.04	0.00
e.on next 100% renewable tariff	2	kWh	0.00	0.00	0.00	0.00	171,659.30
British Gas	2	kWh	0.00	0.00	0.00	0.00	61,957.78
Location Based Electricity	2	kWh	0.00	0.00	0.00	0.00	0.00
Car travel for employee-owned cars (via expenses)	3	kWh	0.00	0.00	354.46	15,058.26	1,892.76
Taxi Travel for business travel	3	kWh	0.00	0.00	22.43		0.00
Train Travel - Standard class for business travel	3	kWh	0.00	0.00	95.23	258.23	0.00
Tube for business travel	3	kWh	0.00	0.00	3.40	5.10	3.40
Air travel - Economy for business travel	3	kWh	3,167.05	0.00	4,637.10	76,416.42	13,645.33
Air travel - Business for business travel	3	kWh	0.00	0.00	2,037.78	0.00	5,995.85
Hotel stay for business travel	3	kWh	0.00	0.00	0.00	0.00	0.00
Walking & Cycling for commuting	3	kWh	0.00	0.00	0.00	0.00	0.00
Bus travel for commuting	3	kWh	0.00	0.00	848.32	3,316.63	6,533.93
Taxi Travel for commuting	3	kWh	0.00	0.00	0.00		2,654.84
Car travel for commuting	3	kWh	290,565.73	416,327.48	353,504.70	310,064.13	372,156.28
Hybrid for commuting	3	kWh	0.00	0.00	6,956.46	11,819.82	23,605.36
Electric vehicle for commuting	3	kWh	0.00	0.00	4,477.93	19,230.31	8,858.92
Working from home	3	kWh	99,691.13	57,744.38	24,063.38	75,087.00	61,954.50
<b>Total</b>		<b>kWh</b>	<b>660,111.21</b>	<b>764,666.65</b>	<b>647,100.68</b>	<b>844,646.45</b>	<b>793,591.32</b>

# Results Table: Intensity Ratios

## Carbon intensity ratios

Activity	2020	2021	2022	2023	2024	% Change
Tonnes CO2e per £ million sales revenue	8.61	14.69	11.85	12.58	8.58	0.4
Tonnes CO2e per m <sup>2</sup> footprint of buildings	0.06	0.07	0.06	0.05	0.03	48.1
Tonnes CO2e per full time employee	3.15	4.22	3.15	3.21	2.06	34.5

## Energy intensity ratios

Activity	2020	2021	2022	2023	2024	% Change
kWh per £ million sales revenue	32,841	53,191	42,759	45,411	39,224	19.4
kWh per m <sup>2</sup> footprint of buildings	229	266	231	171	143	37.7
kWh per full time employee	12,002	15,293	11,353	11,570	9,431	21.4

## Water intensity ratios

Activity	2024
Litres per £ million sales revenue	33,272
Litres per m <sup>2</sup> footprint of buildings	121
Litres per full time employee	8,000

# Calculation Approach: Operational Carbon Footprint

## Operational and organisational boundaries

The operational boundaries of this study comprise the scope 1 Greenhouse Gas (GHG) emissions associated with fuel for boilers and company vehicles. Scope 2 GHG emissions associated with purchased electricity, and scope 3 GHG emissions associated with business travel, commuting, working from home, IT purchases, office management and purchases, and waste. All other scope 1, 2 & 3 GHG categories were excluded.

The organisational boundaries of this study comprise the facilities noted on the cover sheet. The consolidation of facility level GHG emissions was undertaken using the operational control approach.

There are no GHG removals and reservoirs within operational and organisational boundaries.

## Methodology

In carrying out carbon footprint calculations and preparing this document, CarbonQuota has followed the general principles of the Greenhouse Gas Protocol (Corporate Standard), with further guidance from the Greenhouse Gas Protocol (Corporate Value Chain Accounting and Reporting Standard).

Within the organisational boundaries, a consistent approach was used to quantify and to document GHG emissions and removals by completing, as applicable, the following steps: (1) Identification of GHG sources and sinks was carried out using CarbonQuota's industry expertise and previous experience, and guidance from international publications such as the GHG Protocol; (2) The selected quantification method is based on the multiplication of GHG activity data by GHG emission or removal factors, which was thought to be the most

appropriate approach for this study; (3) The GHG activity data were collected from activity data used consistent with the quantification methods; (4) Selection or development of GHG emission or removal factors - the most appropriate and current GHG emission factors have been selected from the European Environment Agency's Dataset up to 2020, IEA Emissions Factors 2021, Defra/DECC 2021 greenhouse gas conversion factor repository (previous years databases used for previous years reporting year); (5) the calculations of the GHG emissions and removals have been carried out by multiplying the GHG activity data by GHG emission or removal factors. These calculations have been undertaken in a Microsoft Excel model.

The following underlying primary data were used to provide summarised data to CarbonQuota for calculating the carbon footprint and energy footprint: utility company bills; supplier invoices; expense claims.

All IPCC 2007 GHGs were considered in the calculation of this organisational carbon footprint, which were converted to carbon dioxide equivalents (CO<sub>2</sub>e) using the 2007 IPCC Global Warming Potentials (GWPs). Whilst more recent IPCC GWPs are available, the latest version of the main source of secondary data used in this study (i.e. EEA, IEA, Defra) currently uses IPCC 2007 GWPs.

The calculations were assured on behalf of CarbonQuota by Dr Matt Fishwick who found no evidence to suggest that they were materially incorrect and were not a fair representation of the GHG data and information.

# Company overview



# We exist to simplify carbon measurement and reduction – helping businesses to help the planet.

## Our mission is to empower businesses and their supply chains to take positive action for the planet.

Through our innovative automated carbon footprint technology and tailored reduction strategies, we enable responsible companies to measure, report, and actively reduce their environmental impact, fostering a sustainable future for all.

As your trusted partner, CarbonQuota provides the optimal combination of technology, expertise and strategic vision to help you to navigate your carbon reduction journey – tailored to your priorities and aspirations.

With pragmatic solutions focused on continuous improvement, we empower businesses to reduce emissions today, while developing the capacity for long-term, accounted de-carbonisation.

We make verifiable carbon management and reduction achievable through:

- Robust data for evidence and insight led decisions
- Seamless tech integration for efficiency
- Pragmatic, staged roadmaps to fit your objectives and pace
- Advice grounded in science, not marketing

## What really sets us apart from other carbon accounting providers, is our unique data and deep knowledge and expertise.

We have the richest dataset of emission factors available anywhere in the industry and avoid, where possible, the use of average emission factors typically available in generic databases.

Our algorithm is intelligent and dynamic – constantly evolving and improving as new data becomes available and regularly independently verified.

Our environmental scientist team are qualified to work in accordance with relevant international standards



### We are Catalysts

We don't just talk about change – we make it happen. We're the spark that drives sustainable action and transformation.



### We are approachable

We're here to help, wherever you are in your sustainability journey. We educate, inspire, and work together to achieve positive outcomes.



### We are curious

We ask questions – even the tough ones. We listen to understand and challenge to drive innovation for a more sustainable future for all of us



### We are honest

We believe in keeping it real. We're not afraid to challenge ideas if it means getting the best results for colleagues you, your team, and the planet.

# Pioneering Carbon Solutions

## for the Packaging and Print Sector



We are the world's leading carbon consulting and technology business for the packaging and print sector. While this may seem like a niche market, it's critically important - accounting for 30% of global greenhouse gas emissions and involving hundreds of thousands of stakeholders across raw materials, design, production, supply chain, and consumer consumption.

### Our specialisation:

Our expertise is driven by a fundamental understanding that effective carbon calculations require deep, sector-specific knowledge. Unlike generalist firms that may provide misleading or inaccurate assessments, we offer granular, accurate, and automated carbon calculations with unparalleled industry insight.

### Our Unique Team:

We are not just a company, but a collective of experts:

- Climate experts
- Data scientists
- Technology enthusiasts
- Supply chain specialists
- Marketing and process gurus

This diverse skill set is why we stand as the world's leading carbon consulting and technology business for the packaging and print sector.

### Our Services:

We categorise our business into four areas:

#### CarbonConnect

Our integrated and automated product carbon footprint solution via our Channel Partners.

#### CarbonEssentials

For businesses wanting to start exploring their carbon footprint in more detail.

#### CarbonPro

For businesses decarbonising their operations, products and supply chain, with Net-Zero ambitions.

#### Consulting

Our consulting wrapper allows our customers to access some of the most talented people in our industry

Our customers range from small and medium-sized enterprises to the largest and most recognised brands in the world. They all share a common goal: using scientific data to help decarbonize the packaging and print sector.

# Contact Us

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