



McGowans

Operational Carbon Footprint

Reporting Company	M & J McGowans Limited
Company Number	141718
Location (s)	IDA, Industrial Estate, Poppintree, Dublin 11, Ireland
Period Covered	1 st January 2024 – 31 st December 2024
Project Number	MCG01_005
Date	June 2025

CARBONQUOTA[®]

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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



CO₂e

Carbon dioxide equivalent is the standard international measurement of a carbon footprint. That is, the total amount of greenhouse gases, specifically carbon dioxide (CO₂) 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.

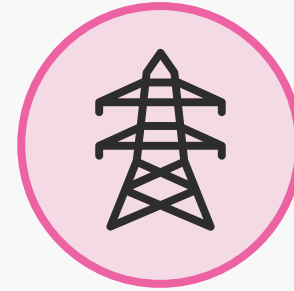
Scope 2: Indirect emissions from purchased electricity, steam, heating, or cooling.



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 CO₂e 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

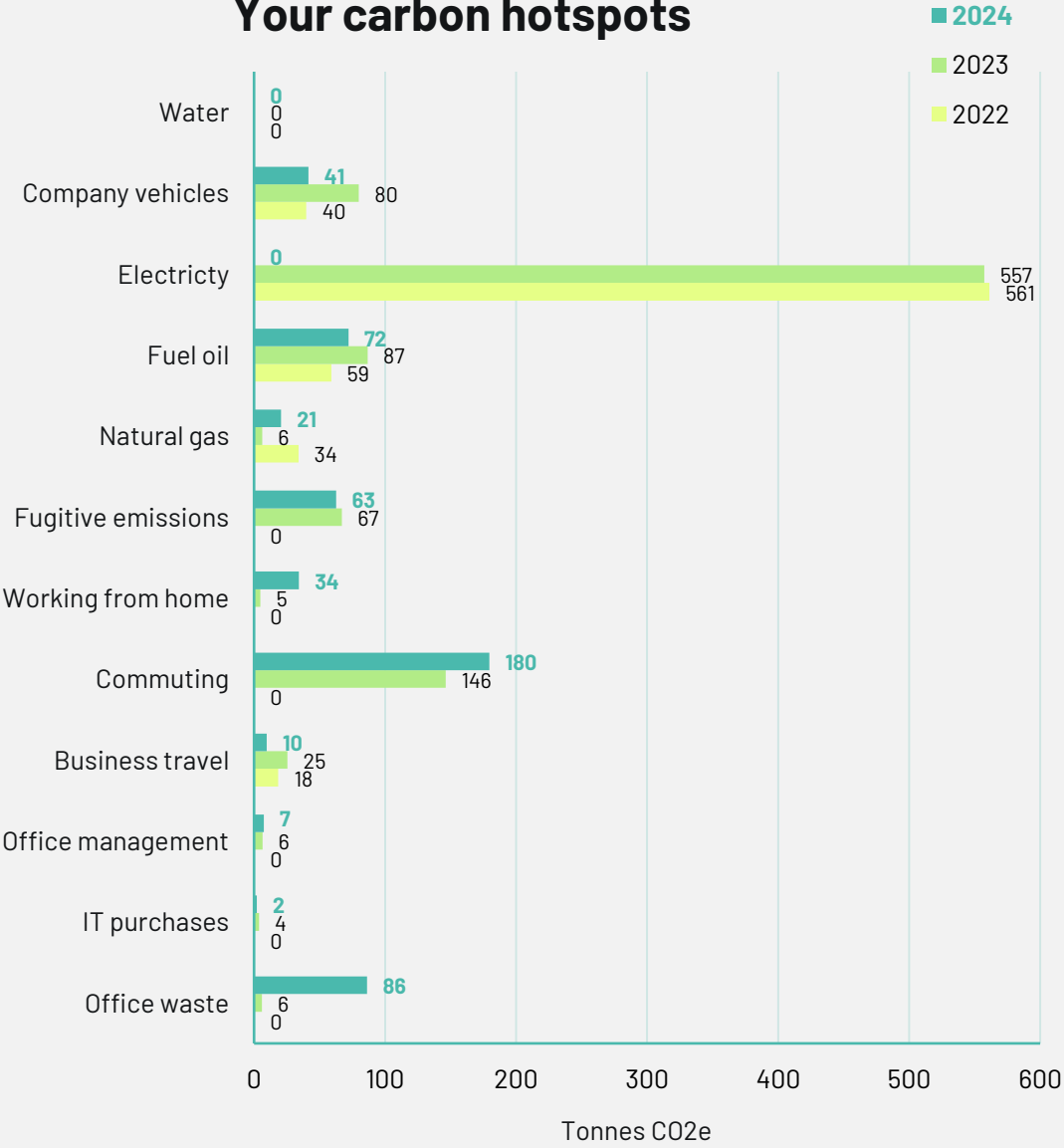
Your Carbon Footprint Overview



Summary	Three urgent things to do
This year saw a significant reduction in emissions, down by 475 tonnes CO2e, largely due to decreased electricity consumption following the switch to 100% renewable electricity from regular tariff and continued use of on-site solar. Following this progress, your data now highlights commuting, particularly car travel, as the new dominant carbon hotspot and a key area for future reduction efforts.	1. Introduce initiatives such as car sharing and educational schemes to reduce commuting by private car. 2. Introduce clear, well-labelled recycling stations and run regular staff awareness campaigns to reduce general waste and improve recycling rates. 3. Plan to replace fuel oil with electric alternatives.

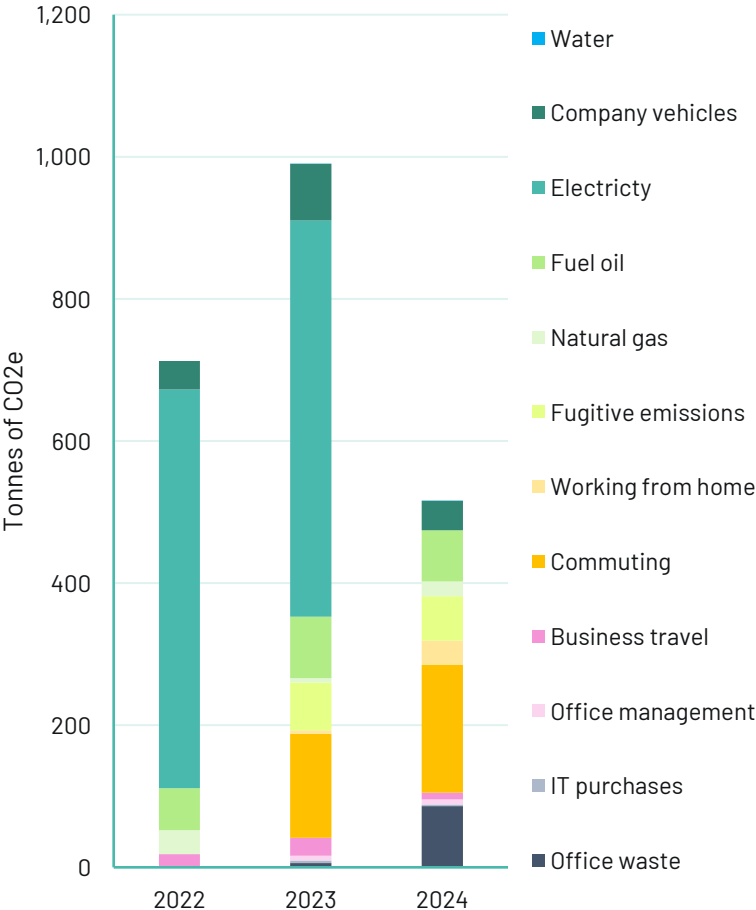
*CO2e = carbon dioxide equivalent, the standard international measurement of carbon footprint.

Your carbon hotspots

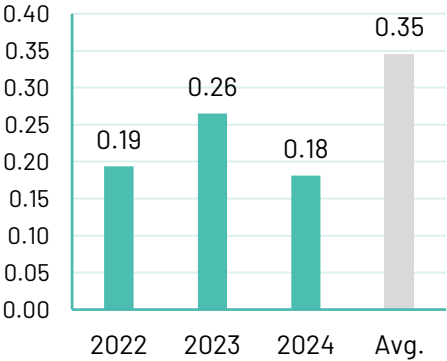


Your Carbon Emissions: Intensity Ratios

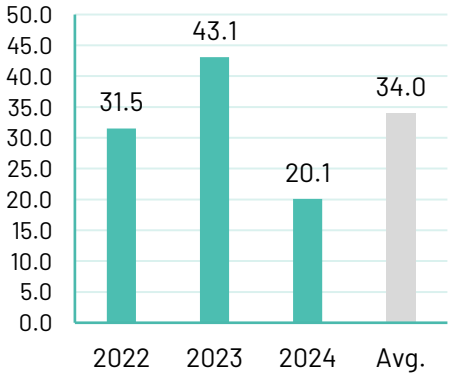
Total carbon emissions



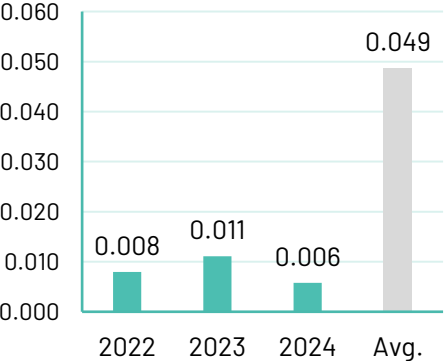
Tonnes CO2e per tonne of substrates purchased



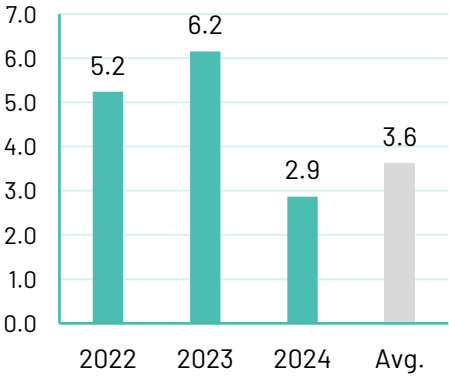
Tonnes CO2e per Million EUR sales revenue



Tonnes CO2e per m2 footprint of buildings



Tonnes CO2e per full time employee



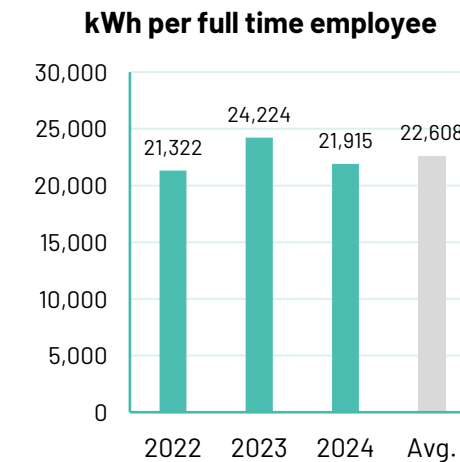
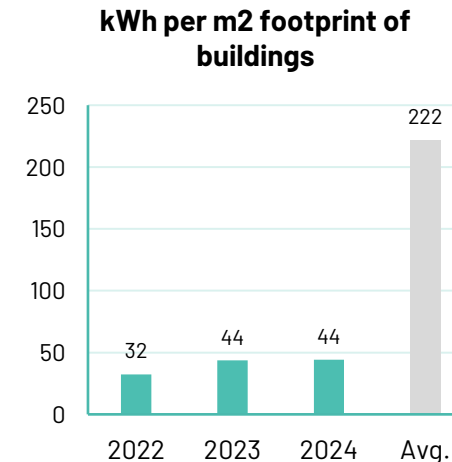
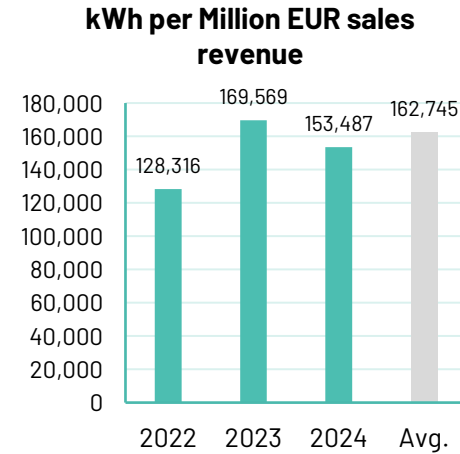
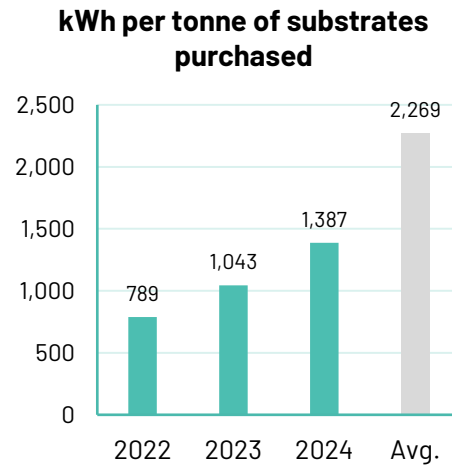
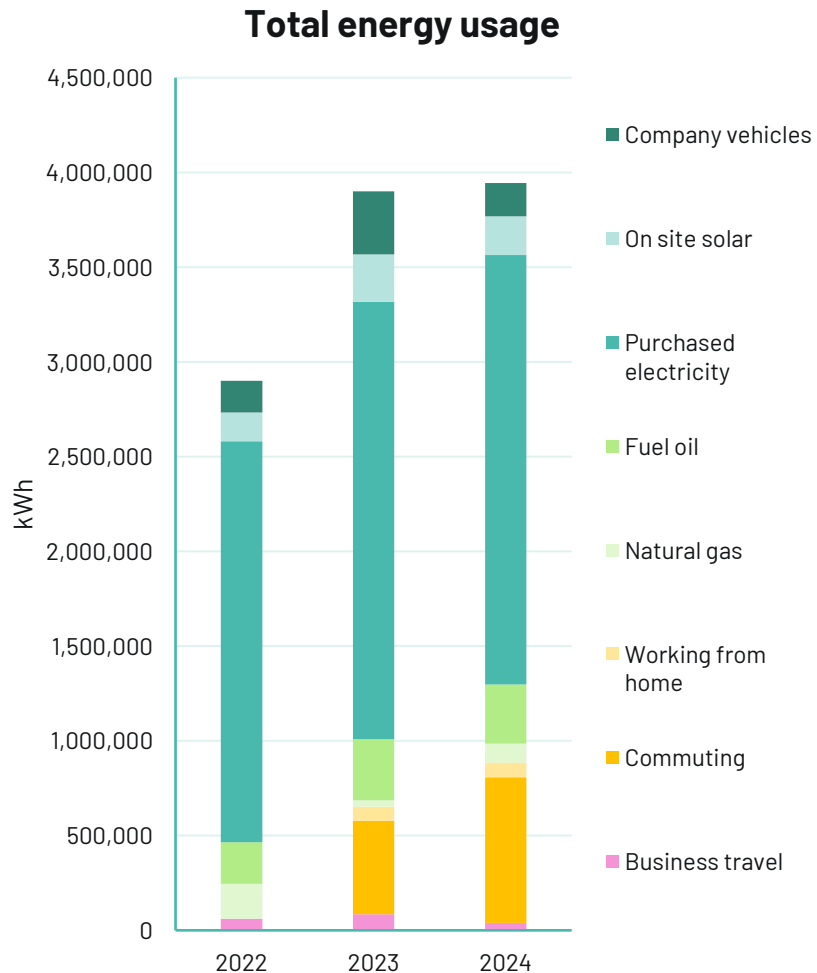
Intensity ratios are a valuable tool for evaluating your organisation's carbon performance by comparing emissions data to key business metrics. Monitoring these ratios over time enables you to track progress and benchmark against similar organisations.

This year, all intensity ratios have declined, reflecting the substantial decrease in total emissions, mainly driven by the shift from regular grid electricity to 100% renewable.

Your ratios are market-based, meaning that since your electricity consumption is now 100% renewable, the carbon footprint of your electricity is reported as zero. This can be seen in the graph on the left.

*Industry averages are sourced from CarbonQuota's database of 'Printing' companies for 2023.

Your Energy Usage: Intensity Ratios



Energy intensity ratios reflect how much energy is used relative to business activity.

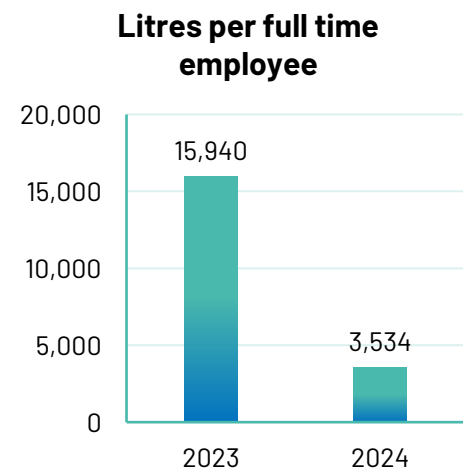
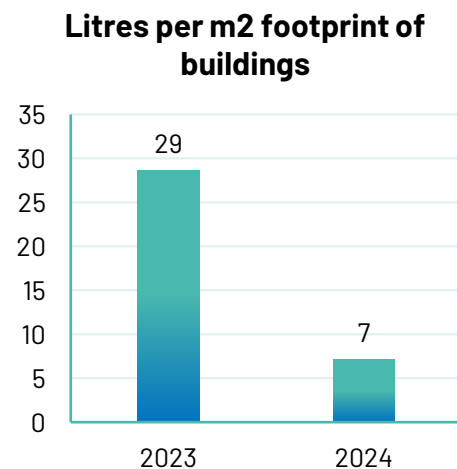
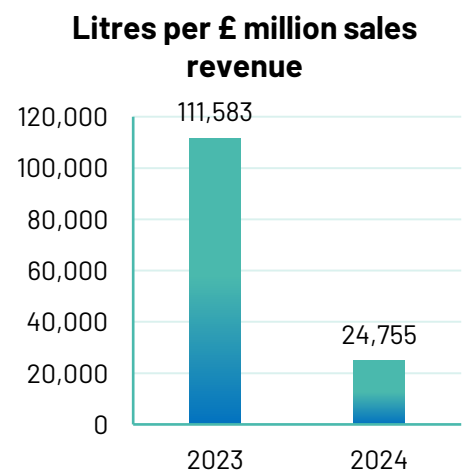
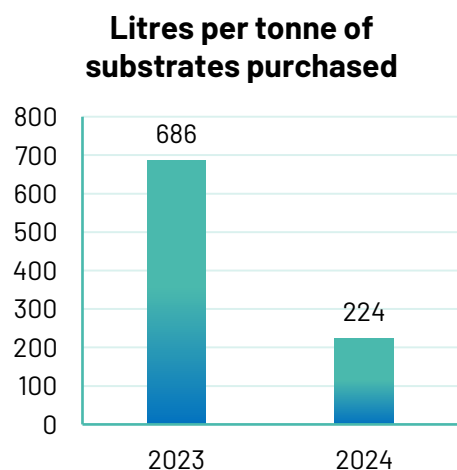
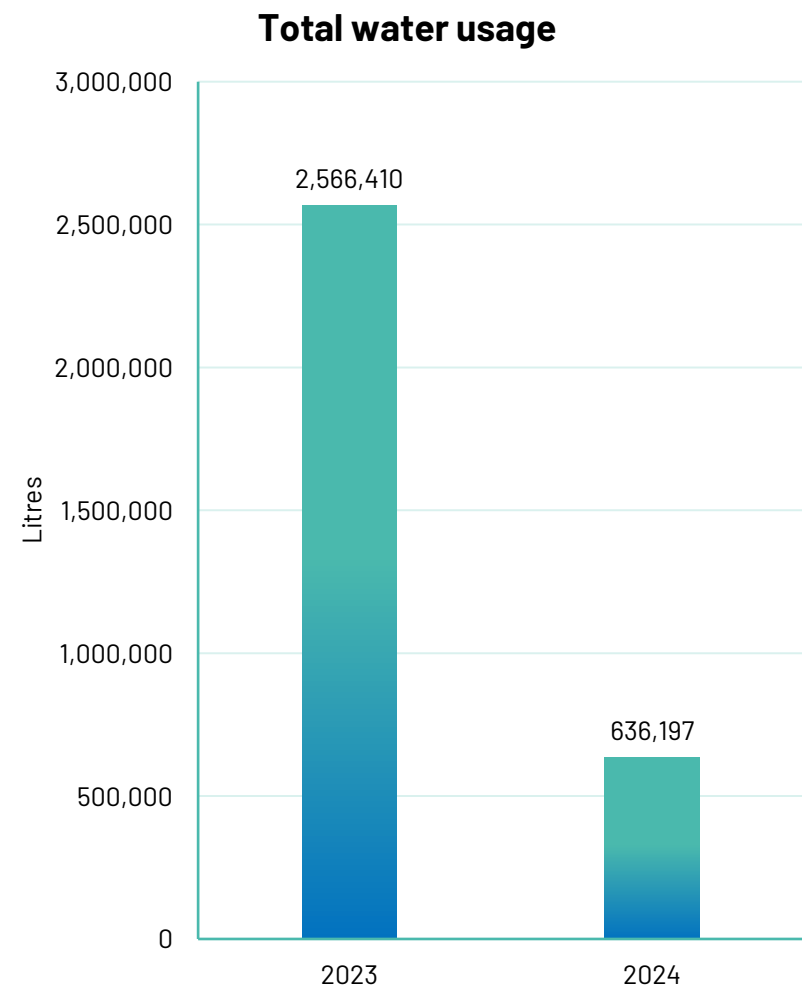
Although your 100% renewable electricity and on-site solar don't produce emissions, their energy use is still recorded to track efficiency.

Using less energy for the same output lowers both intensity and emissions.

Since 2023, energy intensity has increased for substrate use and building footprint but improved per full-time employee and per Million EUR revenue, showing gains in operational efficiency.

*Industry averages are sourced from CarbonQuota's database of 'Printing' companies for 2023.

Your Water Usage: Intensity Ratios



A water footprint represents the total water consumed in the production of your products and services.

In the current reporting period, your overall water footprint has decreased by 75%. This reduction, mirrors the decrease in emissions, and reflects more efficient water use relative to your operations.

While it does not drastically affect your carbon footprint, conserving water reduces environmental impact. Keeping this in mind is crucial for sustainable business practices.

Reduction Strategy

You have already made great progress across several key areas of your carbon footprint, which has caused commuting to emerge as the largest contributor, accounting for 169 tCO₂e in 2024. Reducing emissions from commuting should now be a top priority. Encouraging car sharing schemes, implementing or expanding a cycle-to-work programme, and promoting public transport through subsidised travel cards can all help reduce reliance on single-occupancy car travel. Additionally, providing supporting infrastructure, such as EV charging points, secure bike storage, and shower facilities, can help encourage low-carbon commuting habits. These actions not only support carbon reduction but also promote employee wellbeing and engagement with sustainability goals.

The second area to target is fuel oil usage, which remains a considerable emissions source at 72 tCO₂e in 2024. Despite progress elsewhere, this continues to be a high-impact fuel that offers clear potential for reduction. Replacing fuel oil systems with electric heating alternatives, powered by your existing renewable electricity supply, would eliminate these emissions. While this transition may require upfront investment in equipment or infrastructure upgrades, it represents a long-term efficiency gain that improves resilience, reduces emissions, and simplifies energy management going forward. Exploring phased implementation or grant funding options can help ease the financial burden of switching systems.

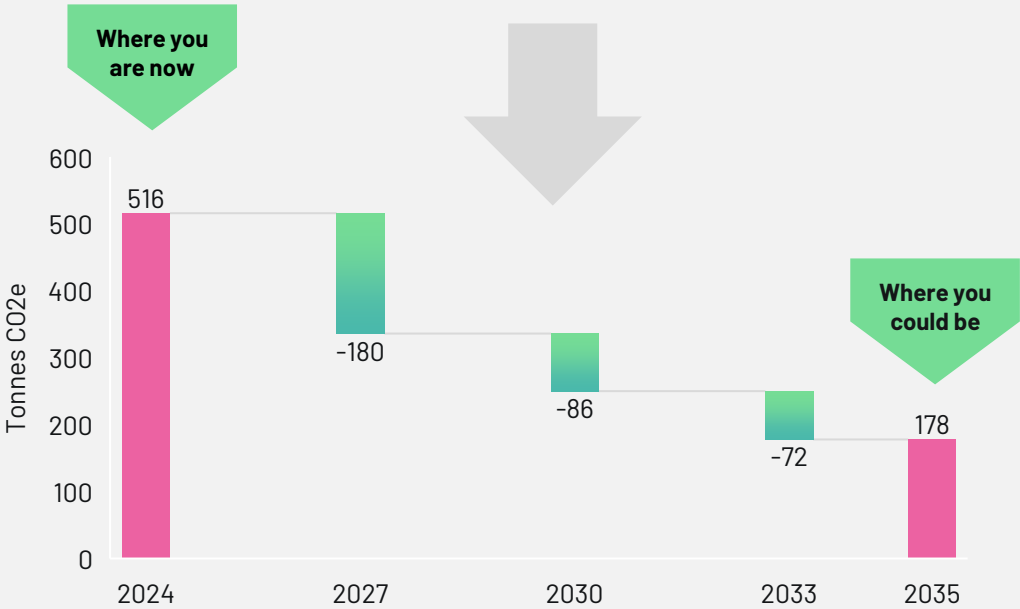
The third major area is general waste, which saw a significant increase in 2024, rising to over 80 tCO₂e. This suggests that waste management practices may not be keeping pace with other areas of progress. Improving separation and disposal of waste can deliver meaningful emissions reductions. Introducing clear, well-labelled recycling stations in high-traffic areas, supported by regular staff awareness campaigns and training, can significantly reduce the volume of general waste and improve recycling rates. These types of interventions are typically low-cost and easy to implement, making them highly effective for both short-term wins and long-term culture change.

To ensure these initiatives are achievable and lasting, it's important to align them with a clear operational and financial plan. Setting measurable targets, tracking performance, and regularly communicating progress will help maintain momentum and demonstrate leadership. You're already taking meaningful action not just within your own operations but across your supply chain. This latest focus area will accelerate your carbon reduction journey and further position McGowans as a sustainability leader.

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 74 tonnes of CO₂e.

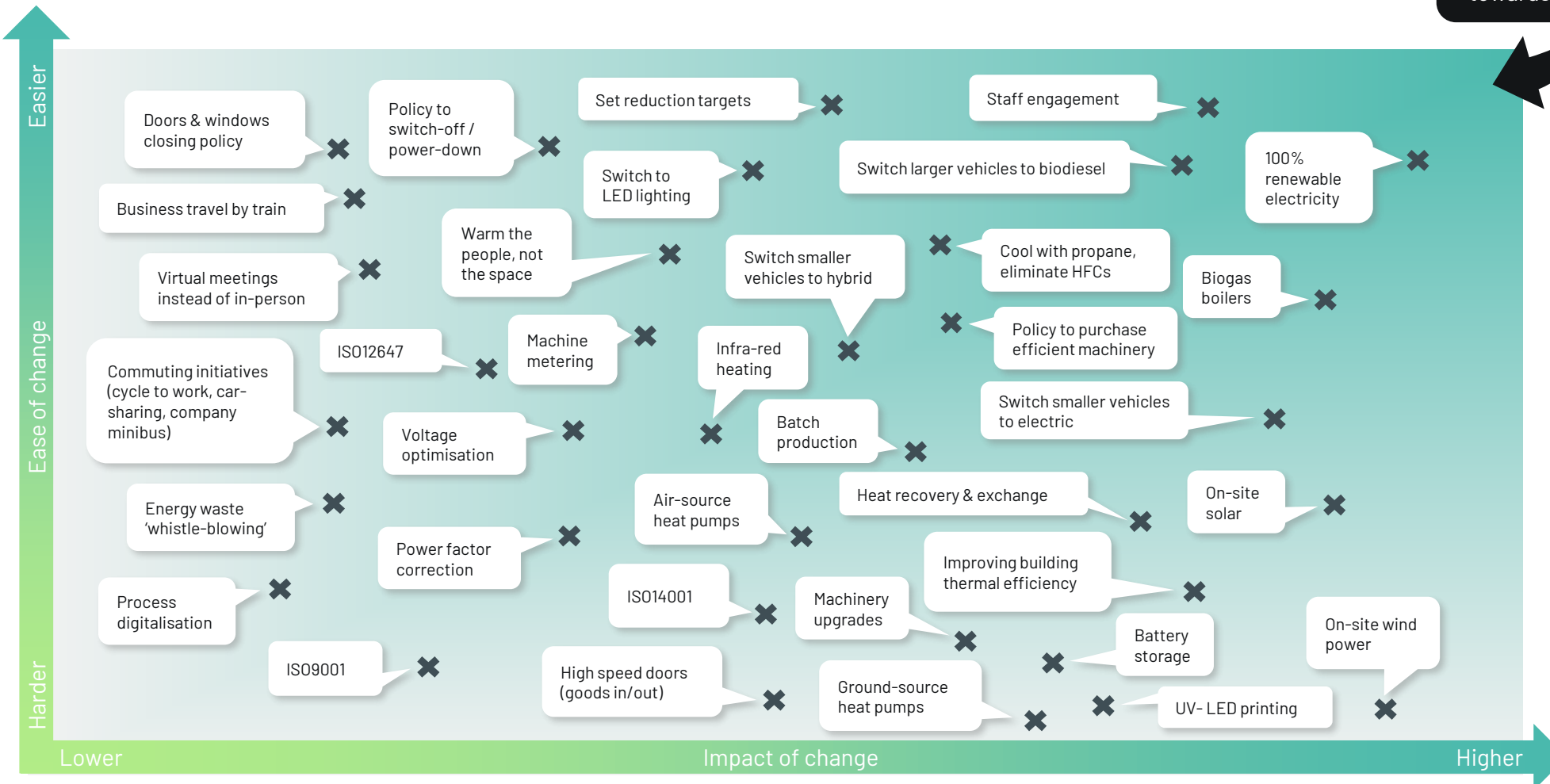
Reduction target	Possible carbon reduction
Introduce initiatives such as car sharing and educational schemes to reduce commuting by private car	180 tCO ₂ e
Introduce clear, well-labelled recycling stations and run regular staff awareness campaigns to reduce general waste and improve recycling rates.	86 tCO ₂ e
Plan to replace fuel oil with electric alternatives.	72 tCO ₂ e



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		
	2022	2023	2024
Scope 1	132.70	239.92	196.69
Scope 2 (market-based)	561.31	557.28	0.00
Scope 2 (location-based)	561.31	781.41	636.18
Scope 3*	18.45	192.90	319.15
Total (market-based)	712.45	990.10	515.84
Total (location-based)	712.45	1214.23	1152.03

*Scope 3 only includes working from home, commuting, business travel, purchased goods and services, IT purchases, and office 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

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	M & J McGowans Limited
Location	IDA, Industrial Estate, Poppintree, Dublin 11, Ireland
Latest greenhouse gas emissions (2024)	Market-based: 515.84 tonnes CO₂e
Market-based carbon intensity reduction	2023: 43.05 tonnes CO₂e per Million EUR sales revenue 2024: 20.07 tonnes CO₂e per Million EUR sales revenue
Date	June 2025

CarbonQuota has assessed the greenhouse gas emissions associated with M & J McGowans Limited's direct operations.

The period 1st January to 31st December 2024 was measured against the 2023 previous year and resulted in a 53% reduction in the intensity ratio of CO₂e measured per Million EUR sales revenue.

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

Certified
CARBONQUOTA®
**CARBON
REDUCED**
OPERATION

CARBONQUOTA®

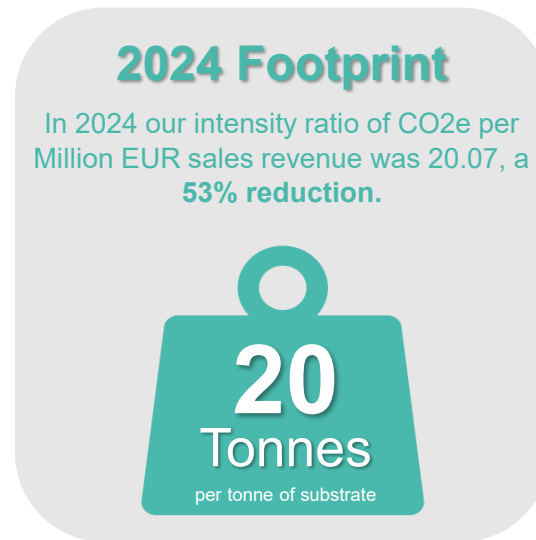
Add this to your email signature



What you can say

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

Marketing Toolkit: Carbon Footprint Infographic



Input Table

Activity	Scope	Unit	2022	2023	2024
Revenue		Euro	22,599,117	23,000,000	25,700,000
FTE		FTE	136.00	161.00	180.00
Building area		m2	89,500.00	89,500.00	89,500.00
Substrate purchased		tonnes	3,674.32	3,739.50	2,844.89
Water usage		litre	-	2,566,409.66	636,197.00
Diesel purchased for company vehicles	1	litre	13,630.92	30,213.14	15,434.04
Diesel purchased for company vehicles	1	litre	1,164.38	-	-
Unleaded for company vehicles	1	litre	684.78	1,406.50	1,268.18
Unleaded for company vehicles	1	litre	345.85	-	-
On-sit solar - no FIT to generate electricity	1	kWh	152,933.41	249,072.00	204,591.00
Fuel Oil for boilers	1	litre	18,513.00	27,213.00	26,255.00
Natural Gas for boilers	1	kWh	184,162.00	34,002.00	99,619.00
R-407C (refrigerant)(fugitive emissions)	1	kg	-	8.36	8.36
R-410A (refrigerant)(fugitive emissions)	1	kg	-	19.50	19.50
R-134A (refrigerant)(fugitive emissions)	1	kg	-	8.06	8.06
Electricity UK Ireland regular tariff	2	kWh	2,114,956.00	1,646,331.00	-
Electricity UK Ireland 100% renewable tariff	2	kWh	-	662,109.26	-
Energia 100% renewable tariff	2	kWh	-	-	2,267,811.67
Working from home	3	Days	-	1,915.00	2,015.00
Car travel for business travel (km)	3	km	88,070.00	121,492.00	-

Input Table Continued

Activity	Scope	Unit	2022	2023	2024
Walking & Cycling for commuting	3	km	-	32,186.00	29,862.65
Tube/metro for commuting	3	Tap ins	-	4,593.00	377.00
Bus travel for commuting	3	km	-	39,870.00	104,636.67
Car travel for commuting	3	km	-	669,625.00	1,030,216.60
Bus travel for business travel	3	km	-	-	330.00
Car travel for business travel (miles)	3	miles	-	-	32,299.00
Air travel - Economy for business travel	3	km	-	-	6,000.00
Reams of A4 Paper purchased goods	3	Euro	-	3,096.00	680.00
Other Office stationery purchased goods	3	Euro	-	31,972.00	9,558.30
Office food & drink purchased goods	3	Euro	-	11,014.00	5,800.00
Office cleaning & hygiene purchased goods	3	Euro	-	2,823.00	6,274.24
Staff uniform purchased goods	3	Euro	-	1,903.00	8,000.00
Smartphones purchased goods	3	number of items	-	-	4.00
Tablets & Laptops purchased goods	3	number of items	-	4.00	1.00
Display Screens purchased goods	3	number of items	-	7.00	4.00
Office waste - General	3	kg	-	10,464.83	162,380.00
Office waste - Recycling	3	kg	-	111,991.33	862,380.00

Results Table: Carbon Footprint

Activity	Scope	Unit	2022	2023	2024
Water usage		tCO2e	-	0.45	0.10
Diesel purchased for company vehicles	1	tCO2e	34.70	76.92	38.78
Diesel purchased for company vehicles	1	tCO2e	2.96	-	-
Unleaded for company vehicles	1	tCO2e	1.48	3.05	2.64
Unleaded for company vehicles	1	tCO2e	0.75	-	-
On-sit solar - no FIT to generate electricity	1	tCO2e	-	-	-
Fuel Oil for boilers	1	tCO2e	58.93	86.62	72.05
Natural Gas for boilers	1	tCO2e	33.86	6.25	20.60
R-407C (refrigerant)(fugitive emissions)	1	tCO2e	-	14.83	13.58
R-410A (refrigerant)(fugitive emissions)	1	tCO2e	-	40.72	37.52
R-134A (refrigerant)(fugitive emissions)	1	tCO2e	-	11.53	11.53
Electricity UK Ireland regular tariff	2	tCO2e	561.31	557.28	-
Electricity UK Ireland 100% renewable tariff (location- based)	2	tCO2e	-	224.12	-
Energia 100% renewable tariff (location - based)	2	tCO2e	-	-	636.18
Working from home	3	tCO2e	-	4.89	34.27
Car travel for business travel (km)	3	tCO2e	18.45	25.45	-

Results Table: Carbon Footprint Continued

Activity	Scope	Unit	2022	2023	2024
Walking & Cycling for commuting	3	tCO2e	-	-	-
Tube/metro for commuting	3	tCO2e	-	0.15	0.13
Bus travel for commuting	3	tCO2e	-	5.84	10.69
Car travel for commuting	3	tCO2e	-	140.27	168.84
Bus travel for business travel	3	tCO2e	-	-	0.03
Car travel for business travel (miles)	3	tCO2e	-	-	8.52
Air travel - Economy for business travel	3	tCO2e	-	-	1.10
Reams of A4 Paper purchased goods	3	tCO2e	-	5.15	0.83
Other Office stationery purchased goods	3	tCO2e	-	0.37	0.72
Office food & drink purchased goods	3	tCO2e	-	0.93	1.08
Office cleaning & hygiene purchased goods	3	tCO2e	-	0.02	0.69
Staff uniform purchased goods	3	tCO2e	-	0.02	4.06
Smartphones purchased goods	3	tCO2e	-	-	0.25
Tablets & Laptops purchased goods	3	tCO2e	-	1.26	0.25
Display Screens purchased goods	3	tCO2e	-	2.50	1.53
Office waste - General	3	tCO2e	-	3.67	80.65
Office waste - Recycling	3	tCO2e	-	2.39	5.53
Total (Location-Based)		tCO2e	712.45	1,214.68	1,152.12
Total (Market-Based)		tCO2e	712.45	990.56	515.94

Results Table: Energy Usage

Activity	Scope	Unit	2022	2023	2024
Diesel purchased for company vehicles	1	kWh	144,215	319,655	163,292
Diesel purchased for company vehicles	1	kWh	12,319	-	-
Unleaded for company vehicles	1	kWh	6,478	13,305	11,997
Unleaded for company vehicles	1	kWh	3,272	-	-
On-sit solar - no FIT to generate electricity	1	kWh	152,933	249,072	204,591
Fuel Oil for boilers	1	kWh	220,120	323,563	312,172
Natural Gas for boilers	1	kWh	184,162	34,002	99,619
R-407C (refrigerant)(fugitive emissions)	1	kWh	-	-	-
R-410A (refrigerant)(fugitive emissions)	1	kWh	-	-	-
R-134A (refrigerant)(fugitive emissions)	1	kWh	-	-	-
Electricity UK Ireland regular tariff	2	kWh	2,114,956	1,646,331	-
Electricity UK Ireland 100% renewable tariff (location- based)	2	kWh	-	662,109	-
Energia 100% renewable tariff (location - based)	2	kWh	-	-	2,267,812
Working from home	3	kWh	-	73,967	77,829
Car travel for business travel (km)	3	kWh	61,384	84,679	-

Results Table: Energy Usage Continued

Activity	Scope	Unit	2022	2023	2024
Walking & Cycling for commuting	3	kWh	-	-	-
Tube/metro for commuting	3	kWh	-	7,807	641
Bus travel for commuting	3	kWh	-	18,872	49,529
Car travel for commuting	3	kWh	-	466,722	718,051
Bus travel for business travel	3	kWh	-	-	156
Car travel for business travel (miles)	3	kWh	-	-	36,230
Air travel - Economy for business travel	3	kWh	-	-	2,695
Reams of A4 Paper purchased goods	3	kWh	-	-	-
Other Office stationery purchased goods	3	kWh	-	-	-
Office food & drink purchased goods	3	kWh	-	-	-
Office cleaning & hygiene purchased goods	3	kWh	-	-	-
Staff uniform purchased goods	3	kWh	-	-	-
Smartphones purchased goods	3	kWh	-	-	-
Tablets & Laptops purchased goods	3	kWh	-	-	-
Display Screens purchased goods	3	kWh	-	-	-
Office waste - General	3	kWh	-	-	-
Office waste - Recycling	3	kWh	-	-	-
Total		kWh	2,899,839	3,900,085	3,944,614

Results Table: Intensity Ratios

Market- Based Carbon intensity ratios

Activity	2022	2023	2024	Avg.*	% Change (2023 – 2024)
Tonnes CO2e per tonne of substrates purchased	0.19	0.26	0.18	0.35	-32
Tonnes CO2e per million EUR sales revenue	31.53	43.05	20.07	33.97	-53
Tonnes CO2e per m ² footprint of buildings	0.008	0.011	0.006	0.049	-48
Tonnes CO2e per full time employee	5.24	6.15	2.87	3.63	-53

Energy intensity ratios

Activity	2022	2023	2024	Avg.*	% Change (2023 – 2024)
kWh per tonne of substrates purchased	789	1,043	1,387	2,269	33
kWh per million EUR sales revenue	128,316	169,569	153,487	162,745	-9
kWh per m ² footprint of buildings	32	44	44	222	1
kWh per full time employee	21,322	24,224	21,915	22,608	-10

Water intensity ratios

Activity	2023	2024	% Change (2023 – 2024)
Litres per tonne of substrates purchased	686.30	223.63	-67
Litres per million EUR sales revenue	111,583.03	24,754.75	-78
Litres per m ² footprint of buildings	28.67	7.11	-75
Litres per full time employee	15,940.43	3,534.43	-78

*Carbon intensity ratio industry averages (Avg.) are based on a market-based assessment, where the electricity for organisations that pay a premium for 100% renewable tariff are reported as zero carbon footprint. Industry averages are sourced from CarbonQuota's database of 'Printing' companies for 2023.

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 company vehicles, fuel oil, natural gas, and fugitive emissions. Scope 2 GHG emissions associated with purchased electricity, and scope 3 GHG emissions associated with office waste, IT purchases, office management, business travel, commuting, and working from home. 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 (CO₂e) 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

CARBONQUOTA®



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.

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