

Carbon Footprint Appraisal
for
HSJ Information Ltd

Assessment Period:
1st July 2025 – 30th June 2026

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Executive Summary

Current Performance

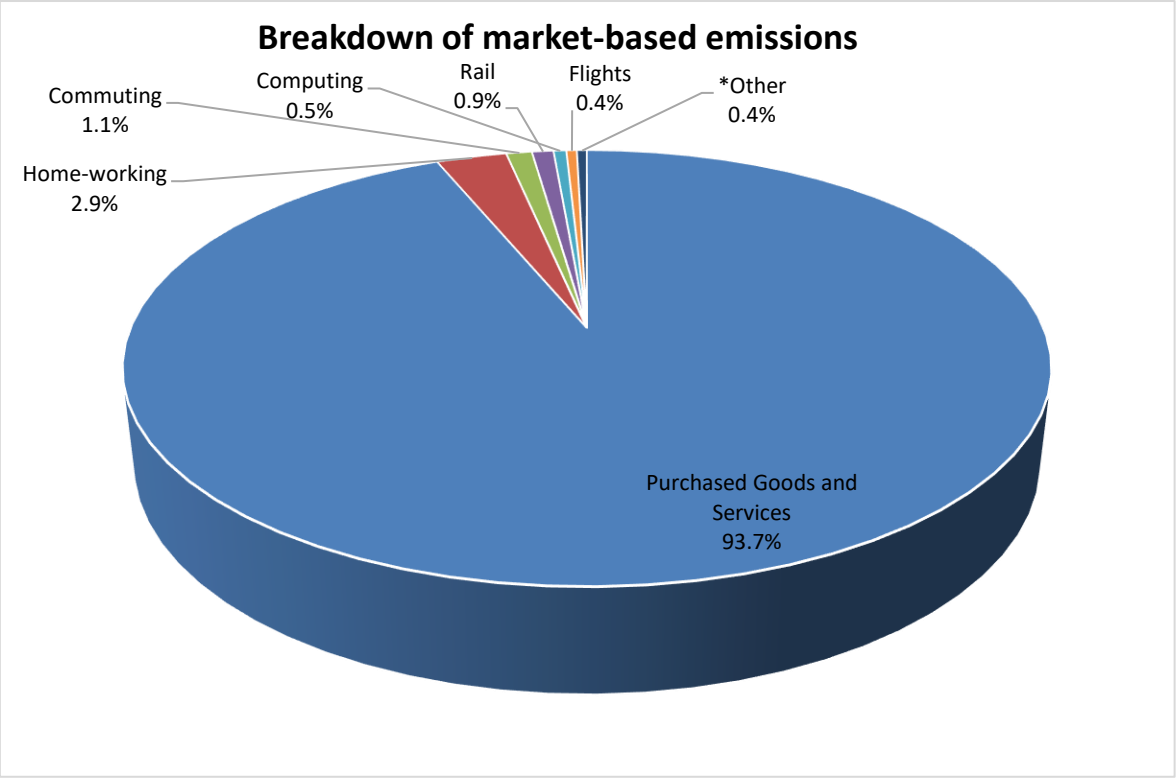
- HSJ Information Ltd (henceforth referred to as HSJ)'s total market-based emissions are 1,504.85 tCO_2e (with a location-based emissions of 1,510.73 tCO_2e).
- The most significant market-based emission source is purchased goods and services, accounting for 83% of the business's carbon footprint.
- The estimated market-based error margin is significant (+/- 730.02 tCO_2e) and should be compensated using high-integrity carbon projects and be a key focus in future years.

Strategic Recommendations

- Complete Net Zero target setting and associated implementation plan.
- Publish your results on The Carbon Data Intelligence (CaDI) www.carbondi.com to prove your commitment to transparency.
- Compensate for carbon emissions you have caused via high integrity removals/reductions projects – please see www.carbonfootprint.store

Recommendations to Reduce Emissions

- Obtain electricity and heat submeter data from the building manager.
- Obtain supplier-specific data for top suppliers in carbon-intensive sectors.



*Other= Natural Gas, Scopes 1 and 2 WTT, Use of sold products, Transmission & Distribution, Waste, Wastewater, Refrigerants, Electricity, Hotel Stays.

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Year/Element	Location based	Market based
Total number of employees	166	
Tonnes of CO_2e	1,510.73	1,504.85
Tonnes of CO_2e per employee	9.10	9.07

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Quality Control

Report issue number:	1.0
Date:	28 August 2026
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1. Introduction

1.1. Company Overview

HSJ Information Ltd (HSJ) is a leading provider of mission-critical data, information, events and advisory solutions across the NHS, pharmaceuticals, med-tech and life sciences sectors. HSJ has an office in London and a workforce of 166 staff.

1.2. Goals & objectives

- HSJ is in the process of setting science-based targets for GHG reduction.

1.3. Data supplied for the Carbon Footprint Appraisal

A summary of the data supplied by HSJ for the appraisal can be provided on request.

1.4. Methodology for the Carbon Footprint Appraisal

The methodology document can be downloaded using this link,
https://www.carbonfootprint.com/docs/carbon_footprint_appraisal_-_methodology_document.pdf

1.5. Abbreviations

AC	Air Conditioning
CO_2e	Carbon Dioxide Equivalent
Defra	Department for Environment, Food and Rural Affairs
EV	Electric Vehicle
GHG	Greenhouse Gas
ISO	International Standards Organisation
IWA	International Workshop Agreement
km	Kilometres
kWh	Kilowatt Hours
T&D	Transmission & Distribution
TTW	Tank-To-Wheel
WTT	Well-To-Tank
WTW	Well-To-Wheel

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2. Calculation Scope and Accuracy

2.1. Scope of this work

Carbon Footprint has assessed the GHG emissions from 1st July 2025 – 30th June 2026 resulting from the energy consumption at HSJ ’s facilities and its business transport activities.

HSJ 's baseline year data and emissions can be found in the 2024/25 report.

2.2. Organisational & reporting boundaries

Figure 1 shows the full boundaries of the *Greenhouse Gas Protocol Corporate and Value Chain Standards*. The organisation has accounted for all quantified GHG emissions and/or removals from facilities over which it has operational control. This assessment covers the reporting boundaries shown in Table 1, in line with the Greenhouse Gas Protocol Accounting and Reporting Corporate Standard.

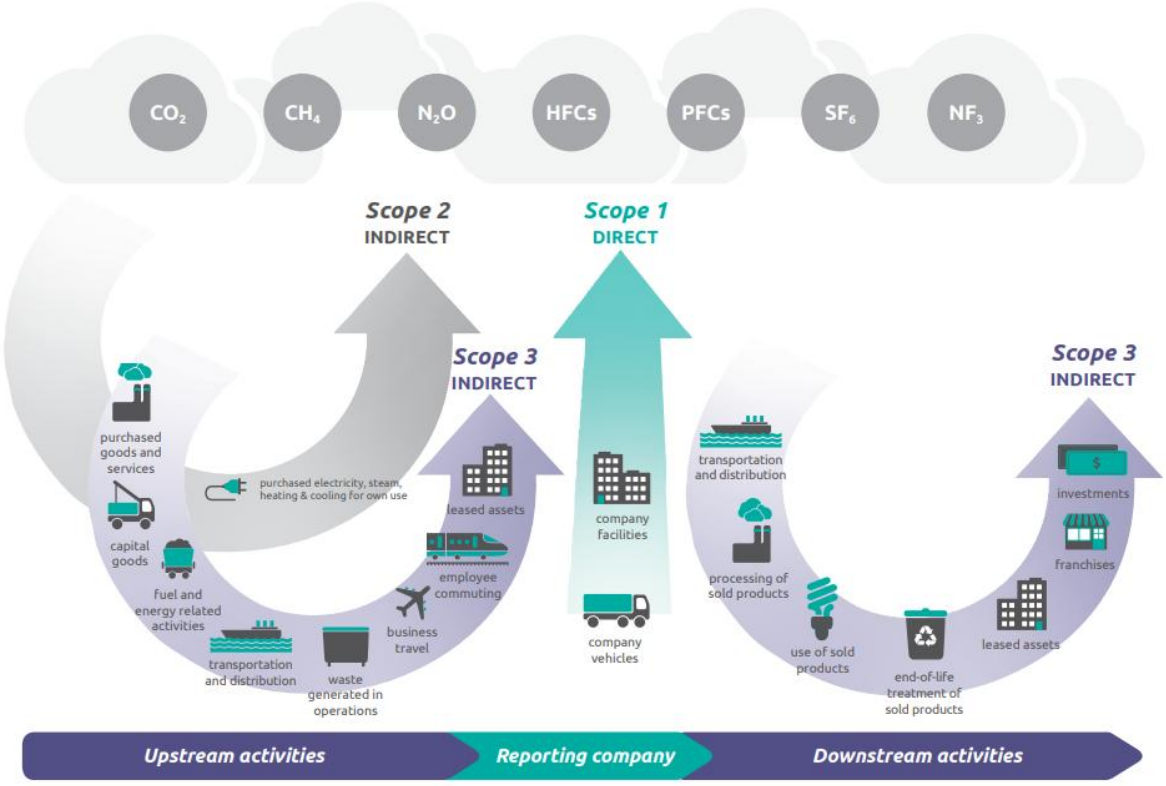

Figure 1: Overview of emissions scopes (GHG Protocol - Scope 3 Calculation Guidance v1.0 - 2013)

Table 1: HSJ's GHG Assessment boundary based on the Greenhouse Gas Protocol Accounting and Reporting Corporate Standard

(All green rows have been included in this assessment; all grey rows are not applicable; orange rows have been excluded)

Scope	Activity	Completion Status
1	Electricity, heat or steam generated on-site	Not relevant
	On-site fuel use	Complete
	Company owned vehicles	Not relevant
	Fugitive emissions (incl. refrigerant gases)	Complete
2	Consumption of purchased electricity, heat steam and cooling	Complete
3	1. Purchased goods and services	Complete
	2. Capital goods	Complete
	3. Fuel- and energy related activities (not included in scope 1 or scope 2)	Complete
	4. Upstream transportation and distribution	Not relevant
	5. Waste generated in operations	Complete
	6. Business travel (not included in scope 1 or scope 2)	Complete
	7. Employee commuting	Complete
	8. Upstream leased assets	Not relevant
	9. Downstream transportation and distribution	Not relevant
	10. Processing of sold products	Not relevant
	11. Use of sold products	Complete
	12. End-of-life treatment of sold products	Not relevant
	13. Downstream leased assets	Not relevant
	14. Franchises	Not relevant
	15. Investments	Not relevant

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2.3. Calculation uncertainty assessment & materiality

The result of a carbon footprint calculation varies in accuracy depending on the data set provided. The more accurate the data supplied, the more accurate the final result. Materiality is determined by the percentage contribution of each element to the overall footprint.

Based on the accuracy of the data provided (Table 2), a simple uncertainty analysis has been used to estimate the potential error margin for the appraisal results.

Table 2: Assessment accuracy, materiality and simple error analysis

Emission Source	Data source / comments	Materiality	Uncertainty	Market-based Error Margin (tCO_2e)
Purchased goods & services	Suppliers were assigned a SIC code based on company number and Companies House data. A SIC code was not obtained for 11% of the provided spend data. Emissions using the unallocated spend were calculated using a weighted average of all the emissions factors associated with a SIC code. GHG emissions were calculated using Defra 2022 factors (published 2025).	Very High (>40%)	50%	628.25
Purchased goods & services - unknown SIC codes		Medium (5-20%)	50%	77.21
Home-working (Market-Based)	Data was provided from the staff survey detailing the number of home-working days for all home workers, occupancy type and country worked in. Response rate of 73% (122 out of 166). Data was extrapolated to cover missing responses.	Low (1-5%)	50%	22.01
Rail	Departure and destination stations provided from Click Travel report to cover the reporting period. Distance assumptions made for travelcards: Zone 1–4 = 15 km Zone 1–6 = 25 km	Very Low (<1%)	5%	0.68
Use of sold products	Modelling carried out based on number of users/subscribers, estimated duration and frequency of use, average power rating of user devices and routers.	Very Low (<1%)	50%	0.67

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Emission Source	Data source / comments	Materiality	Uncertainty	Market-based Error Margin (tCO_2e)
Computing	Details provided on quantity and type of equipment purchased during the period.	Very Low (<1%)	5%	0.40
Flights	Departure and destination airports provided from Click Travel report to cover the reporting period.	Very Low (<1%)	5%	0.33
Natural Gas	Estimated using HSJ's floor area and the kWh/m² energy intensity for the building (Aldgate Tower). A 75:25 ratio for electricity and gas has been assumed based on Better Buildings Partnership benchmarks for air-conditioned offices.	Very Low (<1%)	10%	0.17
Commuting	Data was provided from the staff survey detailing annual mileage and type of transport. Response rate of 73% (122 out of 166). Data was extrapolated to cover missing responses.	Low (1-5%)	1%	0.16
Hotel Stays	Hotel location and number of nights provided from Click Travel report to cover the reporting period.	Very Low (<1%)	5%	0.12
Waste	Office waste: estimated based on assuming 200 kg per person per year. Assumed 70% is recycled and the remainder is incinerated[1]. Event waste: estimated based on assuming 1.89 kg per delegate per event[2].	Very Low (<1%)	10%	0.02
Paper	Quantity of paper provided from purchase records. It was assumed that paper was 80 gsm.	Very Low (<1%)	10%	<0.01
Water	Estimated based on HSJ's floor area and the Better Buildings Partnership's office benchmark (298 litres/m²/year).	Very Low (<1%)	10%	<0.01

[1] https://www.sustainabilityexchange.ac.uk/files/green_office_guide_1.pdf
[2] https://meetgreen.com/2019/11/cost-savings-of-going-green

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Emission Source	Data source / comments	Materiality	Uncertainty	Market-based Error Margin (tCO_2e)
Wastewater	Estimated based on HSJ's floor area and the Better Buildings Partnership's office benchmark (298 litres/m²/year). It was assumed that 95% of supply is returned as wastewater.	Very Low (<1%)	10%	<0.01
Electricity (Market-Based)	Estimated using HSJ's floor area and the kWh/m² energy intensity for the building (Aldgate Tower). A 75:25 ratio for electricity and gas has been assumed based on Better Buildings Partnership benchmarks for air-conditioned offices.	Very Low (<1%)	10%	<0.01
Refrigerants	No data provided. Assumed zero top ups.	Very Low (<1%)	10%	<0.01
Total			**+/-48.5%**	**730.02**

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3. Carbon Footprint Results

3.1. Summary of results

The total location-based carbon footprint for HSJ for the period ending 30th June 2026 is 1,510.7 tonnes CO_2e, and the market-based total is 1,504.9 tonnes CO_2e.

Table 3: Results of HSJ 's carbon footprint assessment by scope and GHG Protocol emission categories

Scope	Emission Source	Location-Based (tCO_2e)	Market-Based (tCO_2e)
1	Natural Gas	1.46	1.46
	Refrigerants	0.00	0.00
Scope 1 Total		**1.46**	**1.46**
2	Electricity	4.24	0.00
Scope 2 Total		**4.24**	**0.00**
3.1	Spend	1,256.49	1,256.49
	Spend - unknown SIC codes	154.42	154.42
	Paper	0.03	0.03
	Water	0.02	0.02
3.2	Computing	8.01	8.01
3.3	Scopes 1 and 2 WTT	1.34	0.24
	Transmission & Distribution	0.54	0.00
3.5	Waste	0.24	0.24
	Wastewater	0.01	0.01
3.6	Rail	13.52	13.52
	Flights	6.56	6.56
	Hotel Stays	2.41	2.41
3.7	Home-working	44.01	44.01
	Commuting	16.07	16.07
3.11	Use of sold products	1.34	1.34
Scope 3 Total		**1,505.03**	**1,503.39**
All	**Tonnes of CO_2e**	**1,510.73**	**1,504.85**
	Tonnes of CO_2e per employee	**9.10**	**9.07**

A full breakdown of emissions by source has been provided in Annex A.

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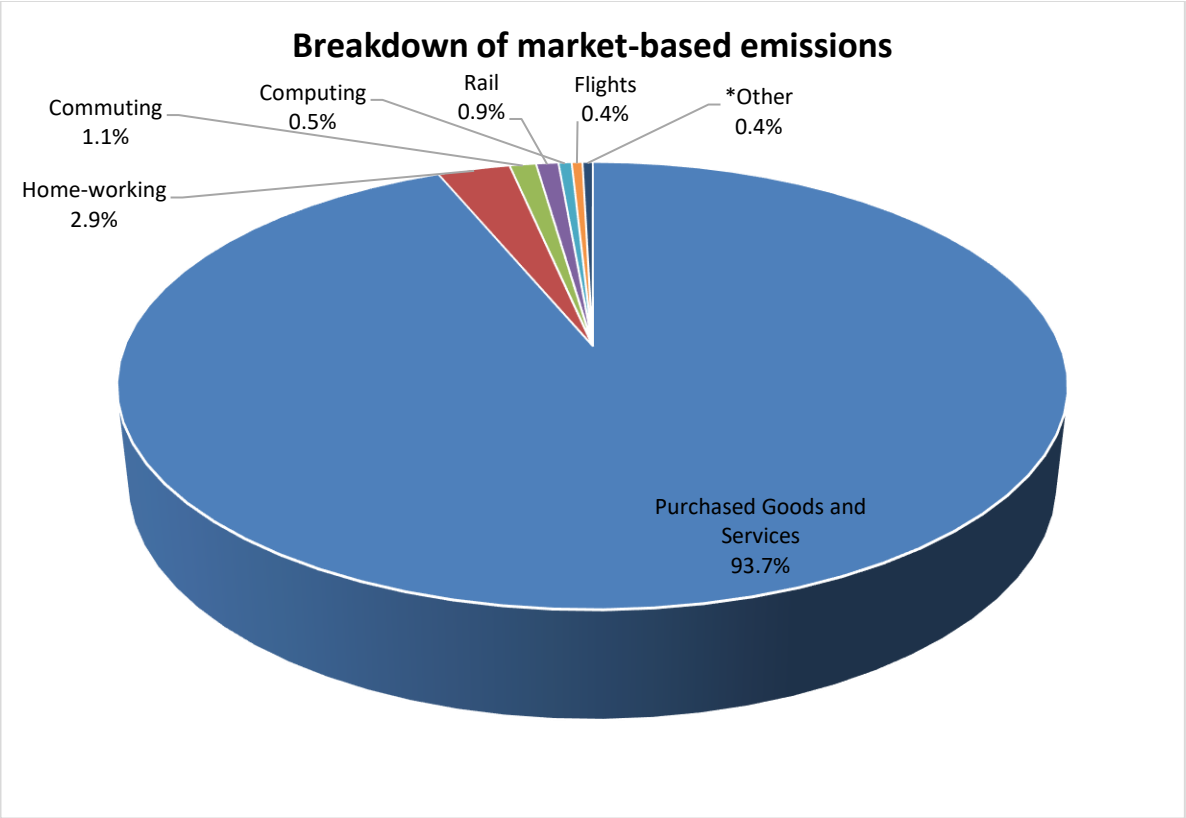

*Other = Natural Gas, Scopes 1 and 2 WTT, Use of sold products, Transmission & Distribution, Waste, Wastewater, Refrigerants, Electricity, Hotel Stays.

Figure 2: Percentage contribution of each element of HSJ 's market-based carbon footprint

3.2. Emissions from purchased goods & services (PG&S)

> 99.9% of the GHG emissions associated with HSJ's purchased goods & services for 2025/26 were assessed with spend data (Table 4). Paper and water purchases were assessed using activity data and accounted for <0.01% of purchased goods and services emissions. Of supply chain emissions, 89.1% had a relevant associated SIC code.

The largest contributors to HSJ's supply chain emissions are those associated with Office administrative, office support and other business support services, Information services and Computer programming, consultancy and related services at 18.1%, 16.3% and 13.8% respectively.

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Table 4: Breakdown of GHG emissions from Purchased Goods & Services

SIC Group	Section	Sector Summary	PG&S Annual Spend (£)	GHG emissions (tCO_2e)
82	**N**	Office administrative, office support and other business support services	1,260,730	255.16
63	**J**	Information services	1,148,823	229.84
62	**J**	Computer programming, consultancy and related services	1,652,175	194.38
46	**G**	Wholesale trade services, except of motor vehicles and motorcycles	42,208	164.41
68.3	**L**	Real estate activities on a fee or contract basis	1,159,748	103.75
70	**M**	Services of head offices; management consulting services	549,166	64.83
56	**I**	Food and beverage serving services	168,603	49.22
55	**I**	Accommodation services	147,075	36.69
77	**N**	Rental and leasing services	203,060	30.43
18	**C**	Printing and recording services	66,818	27.83
64	**K**	Financial services, except insurance and pension funding	189,845	17.95
41	**F**	Buildings and building construction works	36,607	10.25
78	**N**	Employment services	156,455	9.56
90	**R**	Creative, arts and entertainment services	21,216	9.54
96	**S**	Other personal services	97,313	8.90
74	**M**	Other professional, scientific and technical services	50,733	7.65
59	**J**	Motion picture, video and television programme production services, sound recording and music publishing	54,021	6.61
73	**M**	Advertising and market research services	57,301	5.81
94	**S**	Services furnished by membership organisations	26,400	4.66
47	**G**	Retail trade services, except of motor vehicles and motorcycles	11,040	3.62
69.1	**M**	Legal activities	63,095	3.27
93	**R**	Sporting services and amusement and recreation services	12,366	3.04
65.1-2	**K**	Insurance & Reinsurance	33,401	2.74
58	**J**	Publishing services	16,202	1.82
52	**H**	Warehousing and support services for transportation	2,926	1.17
66	**K**	Services auxiliary to financial services and insurance services	13,407	1.03
86	**Q**	Human health services	3,570	0.77
71	**M**	Architectural and engineering services; technical testing and analysis services	3,801	0.72
61	**J**	Telecommunications services	2,932	0.33
85	**P**	Education services	1,822	0.25
45	**G**	Wholesale and retail trade and repair services of motor vehicles and motorcycles	830	0.25
Sub-Total		**Known spend data**	**£7,253,690**	**1,256.49**
		Estimation for unknown spend data	**£893,412**	**154.42**
		Paper and water data		**0.05**
Total				**1,410.97**

4. Comparison, Publication, and Benchmarking

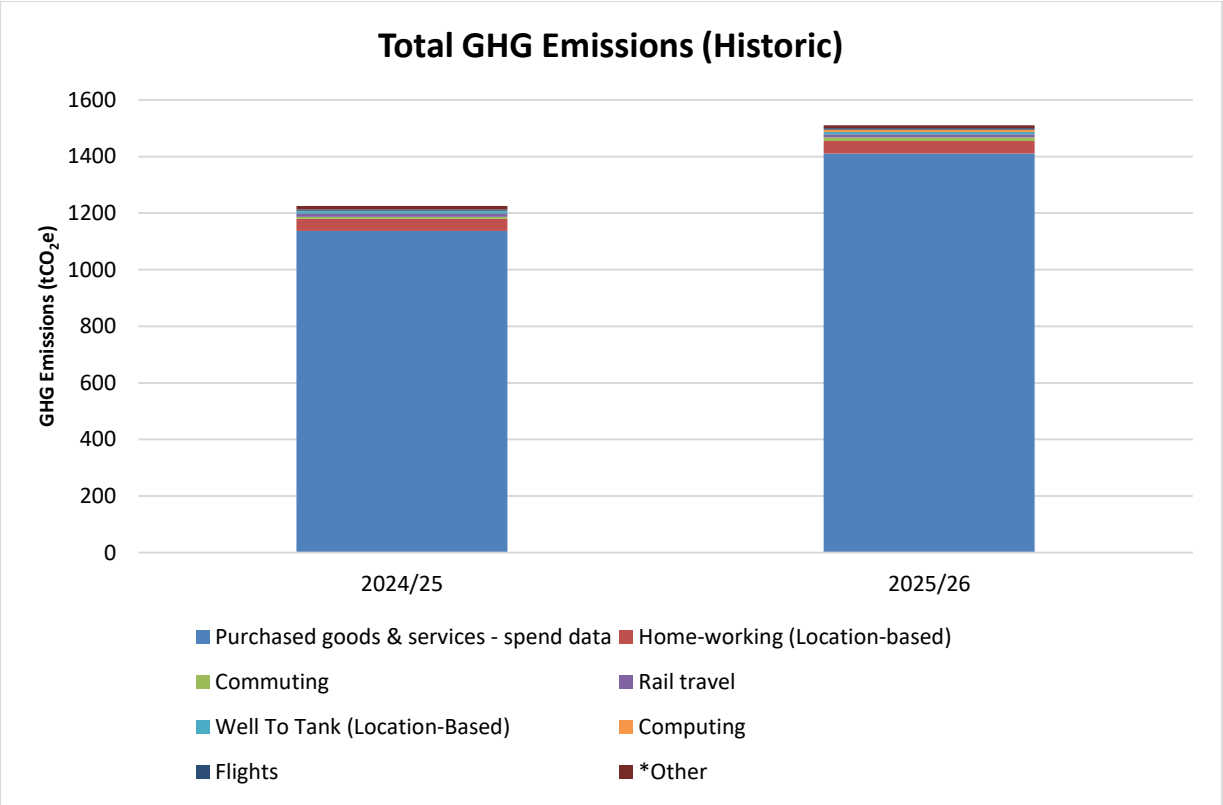
4.1. Comparison to base year emissions

The table below shows historical emissions per activity, as well as the total carbon footprint and carbon intensity metric (tonnes of CO_2e per employee)

Table 5: HSJ's carbon footprint comparison and percentage change

Element	2024/25	2025/26	% change on previous/baseline year (2024/25)
Purchased goods & services - spend data	1,136.87	1,410.92	+24.1%
Home-working (Location-based)	43.08	44.01	+2.2%
Commuting	7.04	12.80	+81.9%
Rail travel	12.63	10.79	-14.5%
Well To Tank (Location-Based)	7.53	8.38	+11.3%
Computing	0.60	8.01	+ >100%
Flights	4.95	5.62	+13.6%
Site electricity (Location-based)	4.69	4.69	0%
Hotel stays	3.45	2.41	-30.0%
Site gas	1.46	1.46	0%
Use of sold products	1.34	1.34	0%
Waste	0.22	0.24	+8.2%
Water (and wastewater)	0.03	0.03	0%
Paper	0.06	0.03	-41.5%
Employee-owned car travel (grey fleet) (Location-based)	0.86	0.00	-100.0%
Total Tonnes of CO_2e (Location-based)	**1,224.79**	**1,510.73**	**+23.3%**
Tonnes of CO_2e per employee	**7.20**	**9.10**	**+26.3%**

When benchmarked against employee numbers and adjusted for inflation, carbon emissions per employee have increased since 2024/25. Absolute emissions have risen by 23.3%, primarily driven by higher emissions associated with purchased goods and services. This increase is likely attributable to the use of more comprehensive spend data covering the full reporting period, reducing the reliance on estimations and improving the accuracy of reported emissions.



*Other = Site electricity (Location-based), Hotel stays, Site gas, Use of sold products, Waste, Paper, Water (and wastewater), Employee-owned car travel (grey fleet) (Location-based).

Figure 3: Detailed emissions comparison for the various aspects of HSJ 's emissions

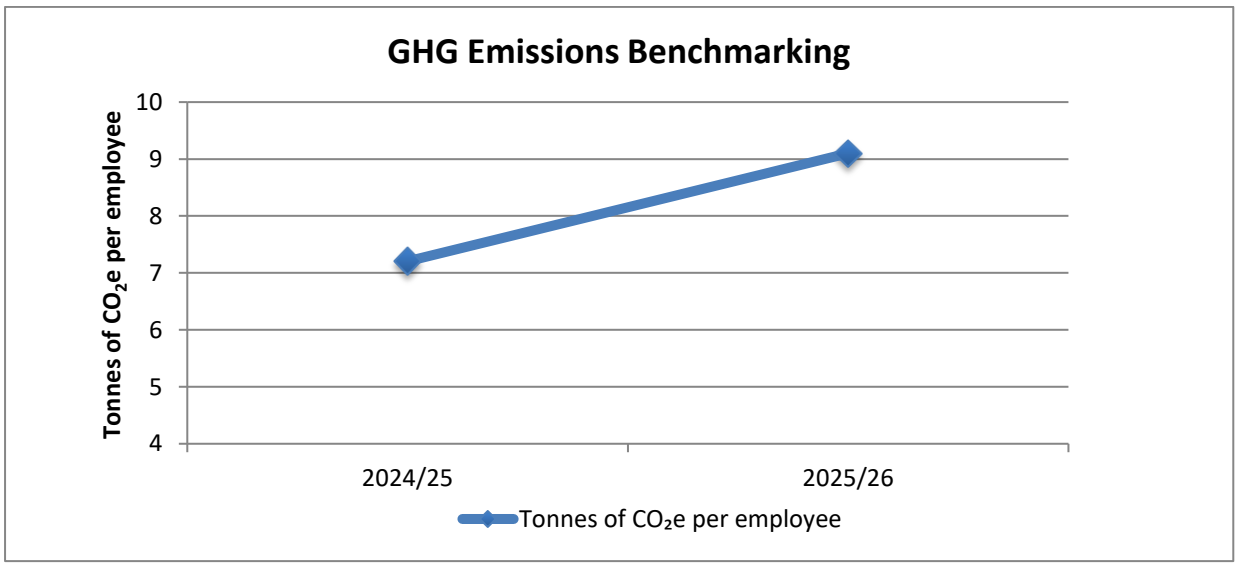


Figure 4: Carbon footprint of HSJ for internal benchmarks

4.2. External Publication and Benchmarking of Your Carbon Footprint

We strongly encourage you now to **publish your carbon footprint results on Carbon Database Initiative (CaDI)** – our new global platform. Follow this link to grant us permission to publish your results automatically.

https://carbondi.com/

External publication demonstrates your commitment to carbon management and to responsible transparency. Your results will also be endorsed on CaDI as 'Verified' for additional peace of mind for you and viewers of the data.

Using CaDI, you can also search other organisations that have reported their emissions to benchmark your performance.

Many companies report Scope 1 & 2 emissions for comparison against others as elements included in Scope 3 can vary greatly. Table 6 summarises the emissions across these Scopes, along with metrics showing emissions per employee, to help your benchmarking.

Table 6: HSJ 's benchmarked GHG emissions

Year/Element	Location based	Market based
Total number of employees	166	
Tonnes of CO_2e	1,510.73	1,504.85
Tonnes of CO_2e per employee	9.10	9.07
Scope 1 & 2 Emissions		
Tonnes of CO_2e	5.70	1.46
Tonnes of CO_2e per employee	0.03	0.01

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5. Conclusion

HSJ, in conjunction with Carbon Footprint Ltd, has assessed its carbon footprint. By achieving this HSJ has qualified to use the Carbon Footprint Standard branding. This can be used on all marketing materials, including website and customer tender documents, to demonstrate your carbon management achievements.



6. Recommendations

6.1. Carbon & sustainability targets

6.1.1. Improving the accuracy of future carbon footprint assessments

The estimated overall error margin is +/- 49% (which represents +/- 730.02 tCO_2e of the total assessed emissions).

To improve the accuracy of future assessments, we recommend the following:

- Implement a monthly data and carbon tracking system, such as Carbon Footprint Ltd's Sustrax MX platform.
- Obtain electricity and heat submeter data from the building manager.
- Obtain supplier-specific data for largest suppliers.

6.1.2 Target setting for net zero

HSJ should set targets on a per-employee basis, which will account for business growth. Many organisations are now setting targets based on typical mid-term and longer-term goals to reach net zero (ISO's draft 14060 – Net Zero Standard):

- A 50% reduction in emissions per employee by 2030.
- A 90% reduction in emissions per employee by 2045.

All targets set should be reviewed regularly and amended accordingly (i.e. target increased if it is met ahead of schedule). A clear roadmap for individual emissions sources should be in place. This will ensure the strategy for reducing CO_2e emissions and tracking toward a net zero target is appropriate for the business.

A hyperlink to Carbon Footprint Ltd's whitepaper on target setting can be found below:
https://www.carbonfootprint.com/docs/2021_12_cfp_practical_target_setting_-_white_paper_v10.pdf.

6.2. Reducing emissions

To reduce GHG emissions, we recommend the following:

- Implement a procurement policy that requires suppliers to have carbon reduction plans in place.
- Educate and encourage employees to reduce energy wastage in the office and at home.
- Investigate what your building owners' plans and targets are for moving away from gas-powered heating to more sustainable alternatives.
- To extend the life of your computing hardware, aim to purchase models with sufficient RAM and modern components (there are available databases such as ENERGY STAR that highlight more efficient models). Consider purchasing refurbished or easily repairable models to avoid purchasing new appliances.

6.3. Taking Responsibility for Emissions Caused

Carbon reduction and removal projects provide a practical solution for compensating for emissions that cannot be reduced by supporting projects that achieve an equivalent reduction in carbon dioxide elsewhere.

Global net-zero 2050 targets cannot be met solely through current reduction commitments. This is why the Voluntary Carbon Market exists and the reason why your support of high integrity carbon projects is vital to bridge the gap.

Projects are categorised as either 'reductions' or 'removals':

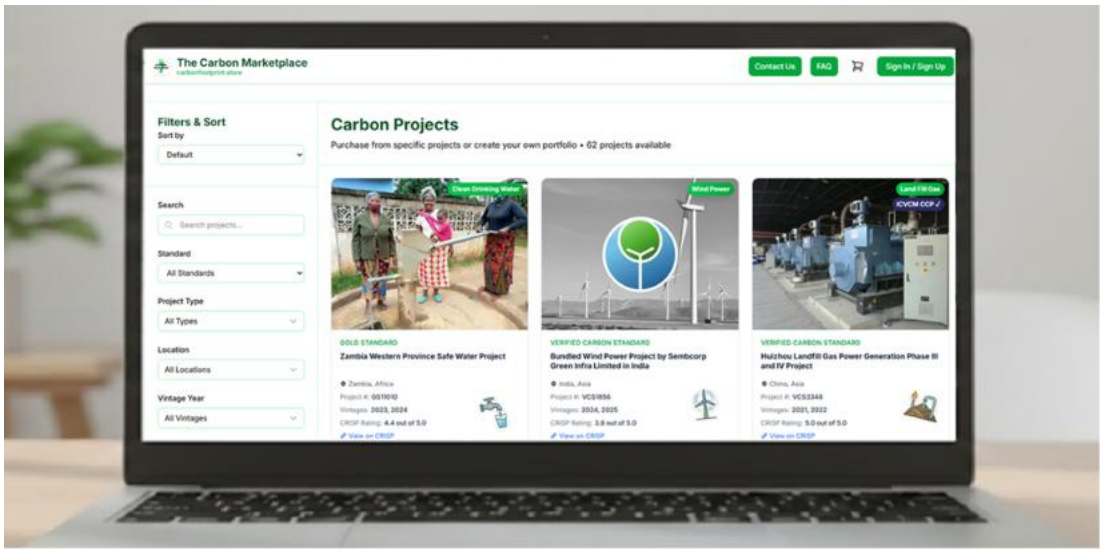
- **Reductions**: These projects aim to reduce emissions by preventing them from occurring in the first place. Examples include renewable energy projects and energy efficiency improvements.
- **Removals**: These projects focus on removing existing carbon dioxide from the atmosphere. Examples include afforestation, reforestation, and carbon capture and storage.

In addition, many projects place a strong emphasis on both social and environmental benefits (satisfying UN Sustainable Development Goals). It's essential to note that global net-zero targets cannot be met solely through emission reductions. Support from the voluntary carbon market through carbon finance plays a crucial role in reaching these targets.

All Carbon Footprint's projects score highly across the key criteria of additionality, permanence, measurability, and leakage. Increasing numbers of projects are also gaining ICVCM CCP status, reflecting their high integrity.

You can view and compare the ratings of ca 2000 projects on CRISP – CRISP – Carbon Ratings InSight Platform.

You can purchase your required carbon credits by selecting from a range of high-quality verified projects on the Carbon Marketplace (COMP).


The Carbon Marketplace
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Sort by
Default
Search
Standard
All Standards
Project Type
All Types
Location
All Locations
Vintage Year
All Vintages
Carbon Projects
Purchase from specific projects or create your own portfolio • 62 projects available
Zambia Western Province Safe Water Project
Bundled Wind Power Project by Sembcorp Green Infra Limited in India
Huizhou Landfill Gas Power Generation Phase III and IV Project

Annex A

A full breakdown of HSJ 's emission sources is given below. This aligns with the GHG Protocol classification methodology and provides each associated emission source:

Scope	GHG Protocol Emission Category	Emission Source	Location-Based (tCO_2e)	Market-Based (tCO_2e)
1	On-site fuel use	Natural Gas	1.46	1.46
	Fugitive emissions (incl. Refrigerant gases and AC)	Refrigerants	0.00	0.00
Scope 1 Total			**1.46**	**1.46**
2	On-site Consumption of purchased electricity, heat steam and cooling	Electricity	4.24	0.00
Scope 2 Total			**4.24**	**0.00**
3.1	1. Purchased goods and services	Spend	1,256.49	1,256.49
		Spend - unknown SIC codes	154.42	154.42
		Paper	0.03	0.03
		Water	0.02	0.02
3.2	2. Capital goods	Computing	8.01	8.01
3.3	3. Fuel- and energy related activities (not included in scope 1 or scope 2)	Scopes 1 and 2 WTT	1.34	0.24
		Transmission & Distribution	0.54	0.00
3.5	5. Waste generated in operation	Waste	0.24	0.24
		Wastewater	0.01	0.01
3.6	6. Business travel (not included in scope 1 or scope 2)	Rail	13.52	13.52
		Flights	6.56	6.56
		Hotel Stays	2.41	2.41
3.7	7. Employee commuting	Home-working	44.01	44.01
		Commuting	16.07	16.07
3.11	11. Use of sold products	Use of sold products	1.34	1.34
Scope 3 Total			**1,505.03**	**1,503.39**
All	**Tonnes of CO_2e**		**1,510.73**	**1,504.85**
	Tonnes of CO_2e per employee		**9.10**	**9.07**