



## **The Edwin Group Limited**

Streamlined Energy and Carbon Reporting

FY 1st September 2023 to 31st August 2024



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Prepared by



## Introduction

This report presents the results of Streamlined Energy and Carbon Reporting (SECR) The Edwin Group Limited (Edwin Group). Data has been assessed and the report provided by Sustainable Advantage.

The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 implement the government's latest policy on SECR. SECR replaced the Carbon Reduction Commitment Energy Efficiency Scheme (CRC) in April 2019. This new framework aims to simplify carbon and energy reporting requirements while still ensuring that companies have the information required to understand and reduce their emissions and energy costs.

## Company Information

The Edwin Group Limited - Companies Number<sup>1</sup>: 12406031

The Edwin Group Limited is a Private Limited Company, incorporated on 15<sup>th</sup> January 2020 with the registered office address as; First Floor (South) Cathedral Buildings, Dean Street, Newcastle Upon Tyne, United Kingdom, NE1 1PG.

## Approach

The UK Government's environmental reporting guidance on how to measure and report greenhouse gas emissions<sup>2</sup> has been used, along with the provided greenhouse gas reporting figures for the relevant year<sup>3</sup>. The financial control approach has been used to define the scope boundary<sup>2</sup>.

## Reporting Period

The reporting period is 1<sup>st</sup> September 2023 – 31<sup>st</sup> August 2024, aligning with the company's financial year.

## Base Year & Changes in Emissions

A base year of 1<sup>st</sup> September 2022 – 31<sup>st</sup> August 2023 has been used, as this is the earliest year for which reliable data was recorded and measured. The base year is used as the benchmark for emission data and consumption changes, and the changes between this reporting period and the base year have been recorded and detailed. The recalculation policy is to recalculate the base year emissions only for relevant significant changes which meet the threshold of affecting 5% of base year emissions.

## Operational Scopes

Scope 1, 2 and 3 emissions have been included within this report. Edwin Group occupied 28 buildings during this period, where electricity and gas are the primary and only utilities used. Edwin Group owned company vehicles and had staff mileage claims. All activities are based within the UK.

- Scope 1 emissions consist of natural gas usage within the building and fuel from company owned vehicles.
- Scope 2 consist of electricity usage within the building.
- Scope 3 emissions consisting of grey fleet have been included.

Table 1 shows the breakdown of carbon emissions, in tonnes of carbon dioxide equivalent (tCO<sub>2e</sub>), by scope and specific area, with comparison to the base year.

**Table 1 - Breakdown of consumption and carbon emissions by scope, with comparison to the base year, for the current reporting period 1st September 2023 – 31st August 2024.**

	Base Year (FY 2023)		FY 2024		tCO <sub>2e</sub> Change
	tCO <sub>2e</sub>	% of Total	tCO <sub>2e</sub>	% of Total	
<b>Scope 1</b>	<b>98.09</b>	<b>30%</b>	<b>171.95</b>	<b>46%</b>	<b>73.85</b>
Natural Gas	45.78	14%	52.54	14%	6.76
Biogas	0.00	0%	0.00	0%	0.00
Diesel (L)			31.01	8%	31.01
Petroleum (L)			14.63	4%	14.63
Refrigeration (kg)	14.54	4%	73.77	17%	59.23
Average Diesel (km)	34.38	11%			-34.38
Average Petrol (km)	2.12	1%			-2.12
Average Hybrid (km)	1.29	0%			-1.29
<b>Scope 2</b>	<b>44.50</b>	<b>14%</b>	<b>32.47</b>	<b>9%</b>	<b>-12.03</b>
Electricity (kWh)	44.50	14%	32.47	9%	-12.03
<b>Scope 3</b>	<b>182.04</b>	<b>56%</b>	<b>171.33</b>	<b>46%</b>	<b>-10.71</b>
Petrol Medium Cars			109.12	29%	109.12
Petrol Small Cars			35.20	9%	35.20
Petrol Large Cars			1.75	0%	1.75
Diesel Medium Cars			11.33	3%	11.33
Diesel Small Cars			3.57	1%	3.57
Diesel Large Cars			10.34	3%	10.34
Cars - Average Battery Electric (miles)	0.15		0.02	0%	0.13

Cars- Average Diesel (miles)	92.64				-92.64
Cars- Average Petrol (miles)	82.30				-82.30
Cars- Unknown (km)	6.96				- 6.96
<b>Gross Emissions (Location Based)</b>	<b>324.63</b>	<b>100%</b>	<b>375.75</b>	<b>100%</b>	<b>51.12</b>
Less Renewable Electricity	-14.30	4%	-14.84	4%	-0.54
Add Residual Mix Electricity			20.79	6%	20.79
<b>Gross Emissions (Market Based)</b>	<b>310.33</b>	<b>96%</b>	<b>381.70</b>	<b>100%</b>	<b>71.37</b>
Less Offsets	113.00	35%	0.00		-113.00
<b>Net Emissions</b>	<b>197.33</b>	<b>61%</b>	<b>381.70</b>	<b>100%</b>	<b>184.40</b>

## Carbon Offsets & Electricity

**Electricity purchased for own use or consumption:** 156,814.78 kWh.

**Renewable electricity generated from owned or controlled sources:** 71,677.20 kWh

Edwin Group recognise that the company's primary responsibility is to reduce emissions as far as possible. However, as Edwin Group work towards responsible consumption practices, to mitigate any impact, a green tariff for 100% renewable electricity has been purchased for some of their supplies during the reporting period. Every unit of renewable energy purchased comes with its own Renewable Energy Guarantee of Origin (REGO) certificate. This means there are no associated carbon emissions from this electricity, reducing the carbon footprint by 14.84 tCO<sub>2</sub>e. Additionally, a residual mix emissions factor has been used to account for the emissions from 'Brown' electricity, this factor is used in market-based calculations to reflect the UK Grid mix minus the renewable energy that is accounted for by those on renewable energy tariffs. This has resulted in an additional 20.79 tCO<sub>2</sub>e, overall there is a Net increase in emissions of 5.95 tCO<sub>2</sub>e when comparing the total location-based and market-based emissions. Location-based emissions totals have been used in the intensity ratios and emissions figure.

## Intensity Ratios & Targets

An overall intensity ratio of gross Scope 1, 2 and 3 emissions per square footage (m<sup>2</sup>) has been calculated. This will allow comparison and benchmarking with similar sites and organisations and still drives energy reduction goals. Although building electricity is sourced through renewable energy contracts the location-based grid average emissions have been used to calculate intensity ratios.

The previous reduction target was to reduce gross Scope 1, 2 and 3 emissions by 5% from FY 2023 to FY 2024. The chosen emissions reduction target for this financial year is to reduce the overall business intensity ratio by 5% from FY 2024 to FY 2025. The target is based upon the

intensity ratio to improve performance, rather than allow for spurious improvements due to changes in operations. If the square footage theoretically remains the same across the current and upcoming reporting periods, predicted gross emissions are 356.96 tCO<sub>2</sub>e. Table 2 shows the intensity ratio of 42,612.67m<sup>2</sup> and target for the business, with comparison to the base year.

**Table 2 - Overall intensity ratio, target, and predicted tCO<sub>2</sub>e, with comparison to the base year. Intensity ratios are presented as Gross and Net Scope 1, 2 and 3 tCO<sub>2</sub>e/m<sup>2</sup>.**

	Base Year (FY 2023)		FY 2024		Predicted FY 2025	
	tCO <sub>2</sub> e	Intensity Ratio	tCO <sub>2</sub> e	Intensity Ratio	Predicted tCO <sub>2</sub> e	Intensity Target
Gross Emissions (Location Based)	310.329	0.01	370.075	0.01	356.96	0.01
Gross Emissions (Market Based)	310.329	0.01	359.232	0.01	362.62	0.01
Net Emissions	197.329	0.01	359.232	0.01	362.62	0.01

## References

- <https://find-and-update.company-information.service.gov.uk/company/12406031>
- [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/850130/Env-reporting-guidance\\_inc\\_SECR\\_31March.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/850130/Env-reporting-guidance_inc_SECR_31March.pdf)
- <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024>
- <https://registry.verra.org/app/projectDetail/VCS/902>

## Appendix

**Table 4 - Raw consumption data for the company, for the period 1st September 2023 – 31st August 2024.**

Area	Scope	kWh
Natural Gas (kWh)	1	296,903
Biogas	1	15,610
Diesel (L)	1	129,644
Petroleum (L)	1	66,414
Electricity (kWh)	2	156,815
Petrol Medium Cars	3	470,879
Petrol Small Cars	3	151,755
Petrol Large Cars	3	4,079

Diesel Medium Cars	3	36,269
Diesel Small Cars	3	14,065
Diesel Large Cars	3	50,481
Cars - Average Battery Electric (miles)	3	98
<b>TOTAL</b>		<b>1,493,013</b>

For any further information please visit <https://theedwingroup.com>