



## **The Edwin Group Limited**

Streamlined Energy and Carbon Reporting

FY 1st September 2022 to 31st August 2023



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An intelligent approach to energy, waste & sustainability

## Introduction

This report presents the results of Streamlined Energy and Carbon Reporting (SECR) for The Edwin Group Limited (The 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 2022 – 31<sup>st</sup> August 2023, aligning with the company's financial year.

## Base Year & Changes in Emissions

A base year of 1<sup>st</sup> September 2021 – 31<sup>st</sup> August 2022 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. The Edwin Group occupied 24 buildings during this period, where electricity and gas are the primary and only utilities used. The 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>2</sub>e), 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 2022 – 31st August 2023.**

	Base Year (FY 2022)		FY 2023		tCO <sub>2</sub> e Change
	tCO <sub>2</sub> e	% of Total	tCO <sub>2</sub> e	% of Total	
<b>Scope 1</b>	<b>72.02</b>	<b>31%</b>	<b>82.74</b>	<b>42%</b>	<b>10.72</b>
Natural Gas	34.02	15%	45.78	23%	11.76
Vans – Average Diesel (km)	24.10	10%	33.60	17%	9.50
Vans – Average Petrol (km)	13.90	6%	2.19	1%	-11.71
Vans – Average Hybrid (km)	-	-	1.17	1%	1.17
<b>Scope 2</b>	<b>36.59</b>	<b>16%</b>	<b>44.25</b>	<b>22%</b>	<b>7.66</b>
Electricity	36.59	16%	44.25	22%	7.66
<b>Scope 3</b>	<b>123.90</b>	<b>53%</b>	<b>70.10</b>	<b>36%</b>	<b>-53.80</b>
Vans – Average Diesel (km)	-	-	32.07	16%	32.07
Vans – Average Petrol (km)	-	-	31.07	16%	31.07
Vans – Unknown (km)	123.90	53%	6.96	4%	-116.94
<b>Gross Emissions (Location Based)</b>	<b>232.51</b>	<b>100%</b>	<b>197.08</b>	<b>100%</b>	<b>-49.66</b>
Less Renewable Electricity	-	-	14.23	7%	14.23
<b>Gross Emissions (Market Based)</b>	<b>232.51</b>	<b>100%</b>	<b>182.85</b>	<b>93%</b>	<b>-49.66</b>
Less Offsets	-	-	113.00	57%	113.00
<b>Net Emissions</b>	<b>232.51</b>	<b>100%</b>	<b>69.85</b>	<b>35%</b>	<b>-162.66</b>

## Carbon Offsets & Electricity

Electricity purchased for own use or consumption: 213,679.65 kWh.

Renewable electricity generated from owned or controlled sources: 68,728.52 kWh.

The Edwin Group recognise that the company's primary responsibility is to reduce emissions as far as possible. However, as The Edwin Group work towards responsible consumption practices, to mitigate any impact, a green tariff for 100% renewable electricity has been purchased from EDF Energy for some of their supplies during the reporting period. Every unit of renewable energy purchased with EDF 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 14.23 tCO<sub>2</sub>e, however location-based grid average emissions have been used to report the emissions figure.

As well as this, verified carbon offset credits have been purchased to offset all other emissions<sup>4</sup>. For the reporting period, 113 tCO<sub>2</sub>e of verified carbon credits have been purchased, making The Edwin Group -0.25 tCO<sub>2</sub>e operationally carbon negative.

## Intensity Ratios & Targets

An overall intensity ratio of gross Scope 1, 2 and 3 emissions per square footage (sqft) 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 2022 to FY 2023. The chosen emissions reduction target for this financial year is to reduce the overall business intensity ratio by 5% from FY 2023 to FY 2024. 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 173.71 tCO<sub>2</sub>e. Table 2 shows the intensity ratio of 36,956sqft 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/sqft.**

	Base Year (FY 2022)		FY 2023		Predicted FY 2024	
	tCO <sub>2</sub> e	Intensity Ratio	tCO <sub>2</sub> e	Intensity Ratio	Predicted tCO <sub>2</sub> e	Intensity Target
<b>Gross Emissions (Location Based)</b>	232.51	0.0091	197.08	0.0053	187.23	0.0051
<b>Gross Emissions (Market Based)</b>	232.51	0.0091	182.82	0.0049	173.71	0.0047
<b>Net Emissions</b>	232.50	0.0091	69.85	0.0019	66.36	0.0018

## References

1. <https://find-and-update.company-information.service.gov.uk/company/12406031>
2. [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)
3. <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023>
4. <https://registry.verra.org/app/projectDetail/VCS/902>

## Appendix

**Table 4 - Raw consumption data for the company, for the period 1st September 2022 – 31st August 2023.**

Area	Scope	kWh
Natural Gas	1	254,318.00
Vans - Average Diesel (km)	1	97,051.74
Vans - Average Petrol (km)	1	7,317.22
Vans - Average Hybrid (km)	1	8,126.15
Electricity (kWh)	2	213,679.65
Vans - Average Diesel (km)	3	126,304.20
Vans - Average Petrol (km)	3	135,177.41
Vans - Unknown (km)	3	28,877.51
<b>TOTAL</b>		<b>870,851.89</b>

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