



Streamlined Energy & Carbon Reporting (SECR) 2020

Walter Davidson & Sons Limited

21-24 Wellmeadow, Blairgowrie, PH10 6AT

Produced by Eco3 Partnership Limited (Account 0145)

Compliance Period 2020 (1st February 2020 to 31st Jan 2021)

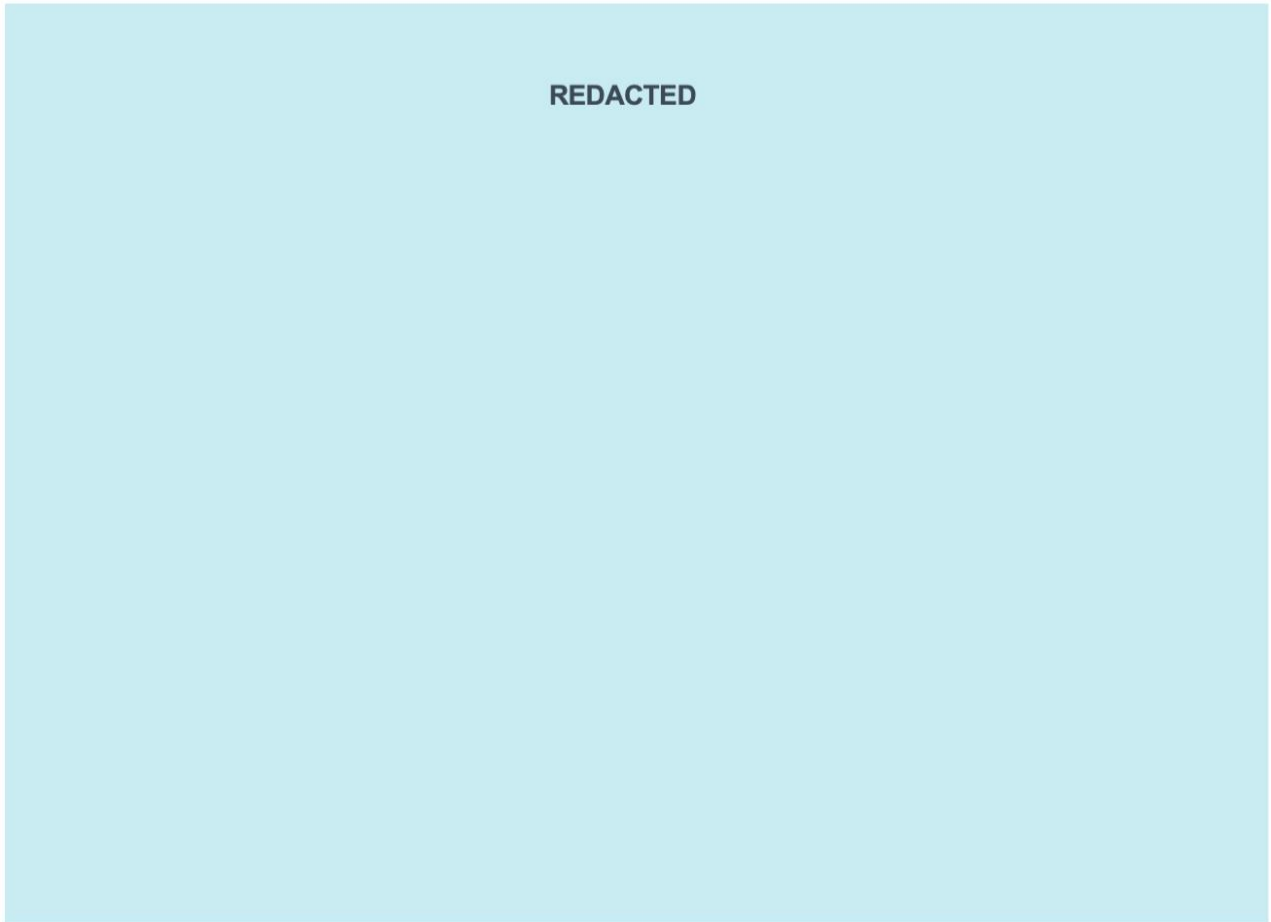
01 July 2021

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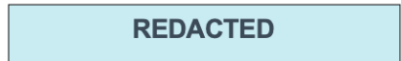
This document has 9 pages including the cover.



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1. WDSL SECR 2020 Visual Summary

WDSL SECR 2020 Market-based Sunburst Chart (share tonnes CO₂e)

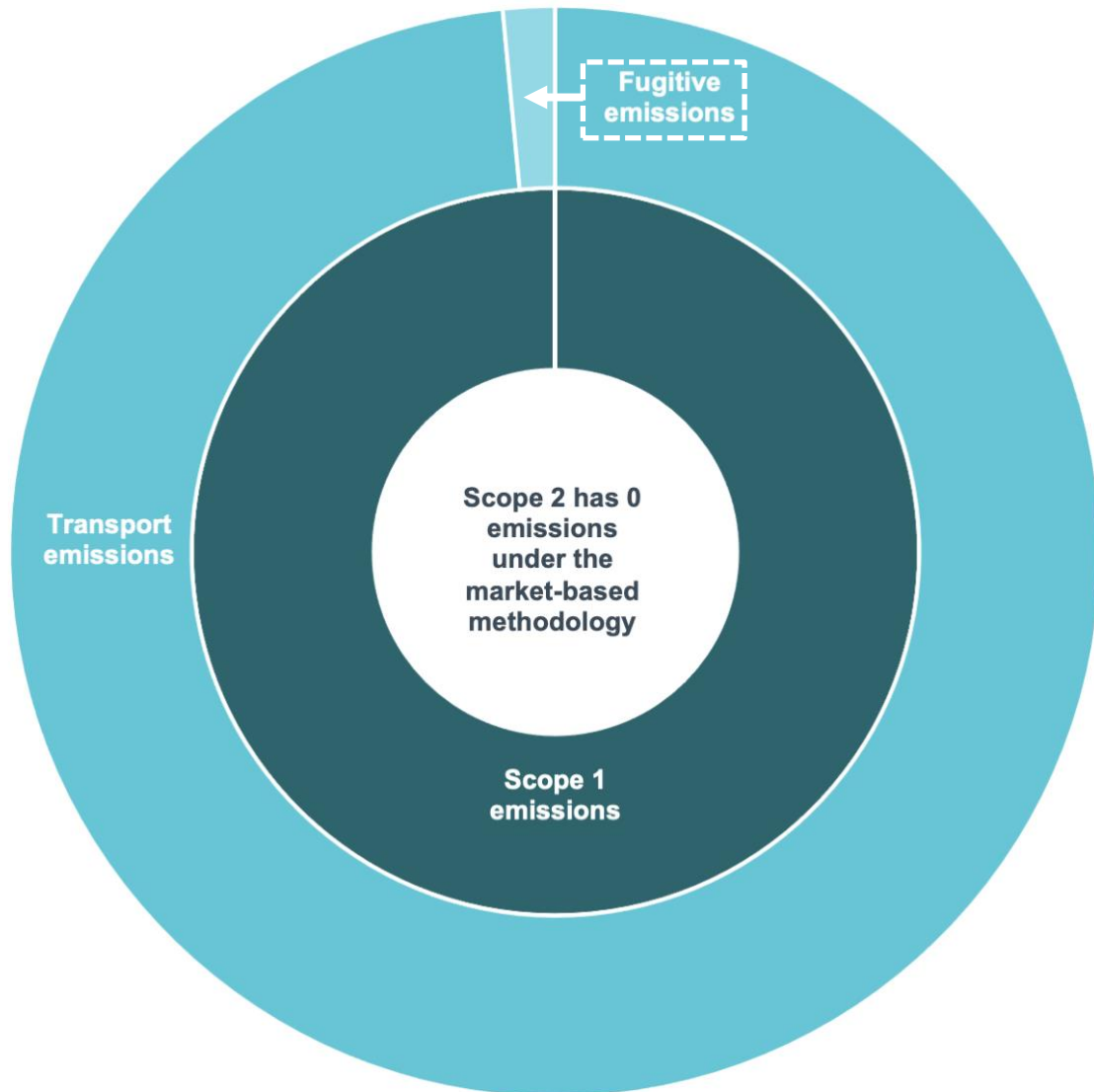


Figure 1-1 WDSL- GHG sunburst diagram- Market based

		WDSL Location-based GHG emissions	WDSL Market-based Total GHG emission
Scope 1	Transport (vehicles)	159.0	159.0
	Fugitive emissions	2.5	2.5
	Gas boiler combustion	0.0	0.0
Scope 2	Electricity (Location-based)	171.0	N/A
	Electricity (Market-based)	N/A	0.0
2020 Scope 1 & 2 total emissions (tonnes CO₂e gross)			161.5

Table 1-1 WDSL GHG summary

2. Greenhouse Gas Emissions

2.1. Introduction

This document summarises the SECR report for Walter Davidson & Sons Limited (WDSL), required under The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018.

- Scope 1 direct emissions & Scope 2 indirect emissions have been assessed.
- Scope 3 was excluded by agreement.

Data collation to support full disclosure of Scopes 1, 2 & 3 in FY 2021 to be actively discussed for assessment.

2.2. Organisational boundary

The SECR report covers Walter Davidson & Sons Limited (WDSL), (Company Registration no.SC029652), as an unquoted, large company. The definition of 'large' is the same as applies in the existing framework for annual accounts and reports, based on sections 465 and 466 of the Companies Act 2006.

All qualifying conditions are met by WDSL:

- at least 250 employees- Qualified
- an annual turnover greater than £36m- Qualified
- an annual balance sheet total greater than £18m- Qualified

2.3. Environmental Performance & Reporting Summary

The energy consumption used to calculate emissions was 1,400,928 kWh, as shown below.

Category	Consumption (kWh)
Electricity	733,444
Gas	1,152
Business Transport	666,331

Table 2-1 WDSL SECR 2020 Energy Consumption

Detailed plots of the utilities consumption, including rebates, and business transport consumption, are shown overleaf for the reference period.

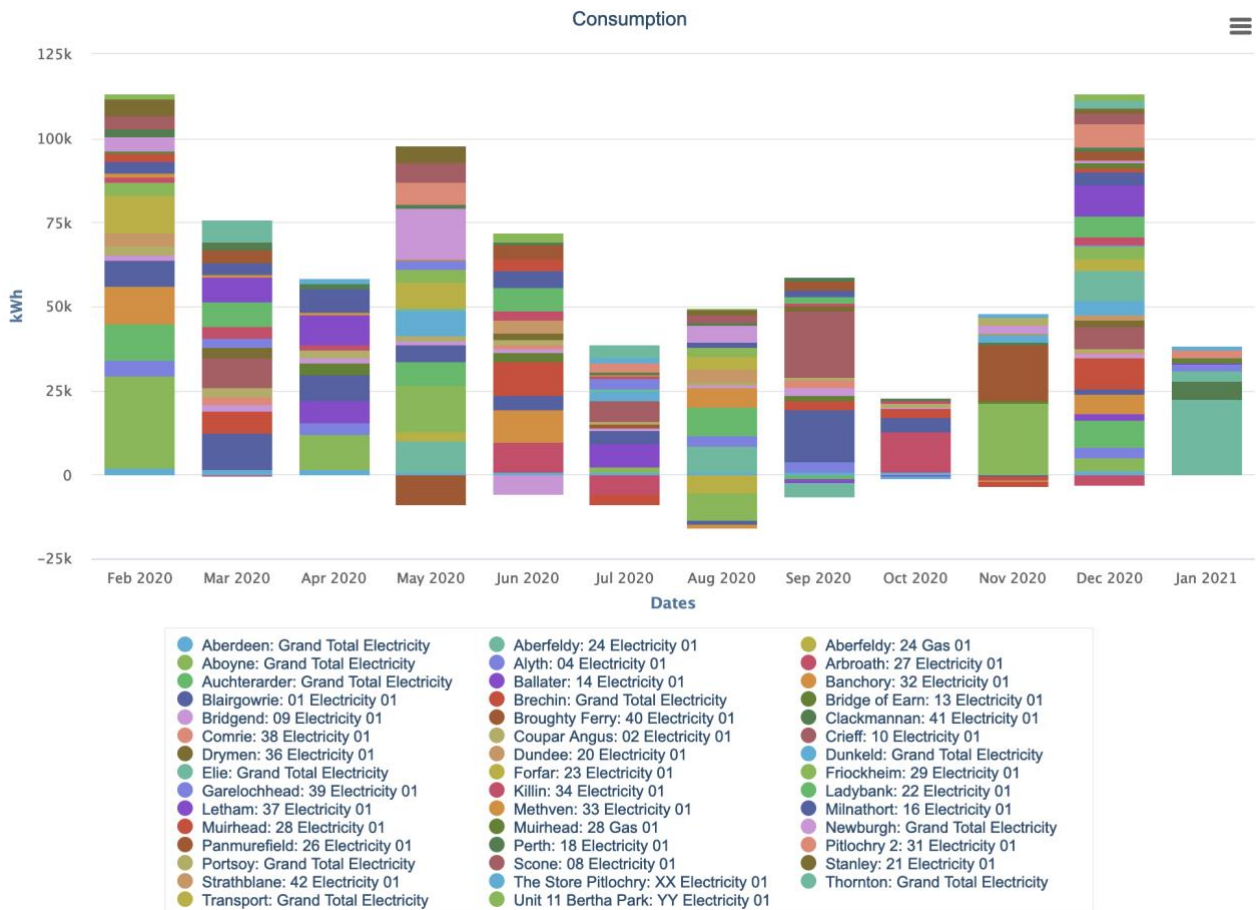


Figure 2-1 Electricity & gas consumption

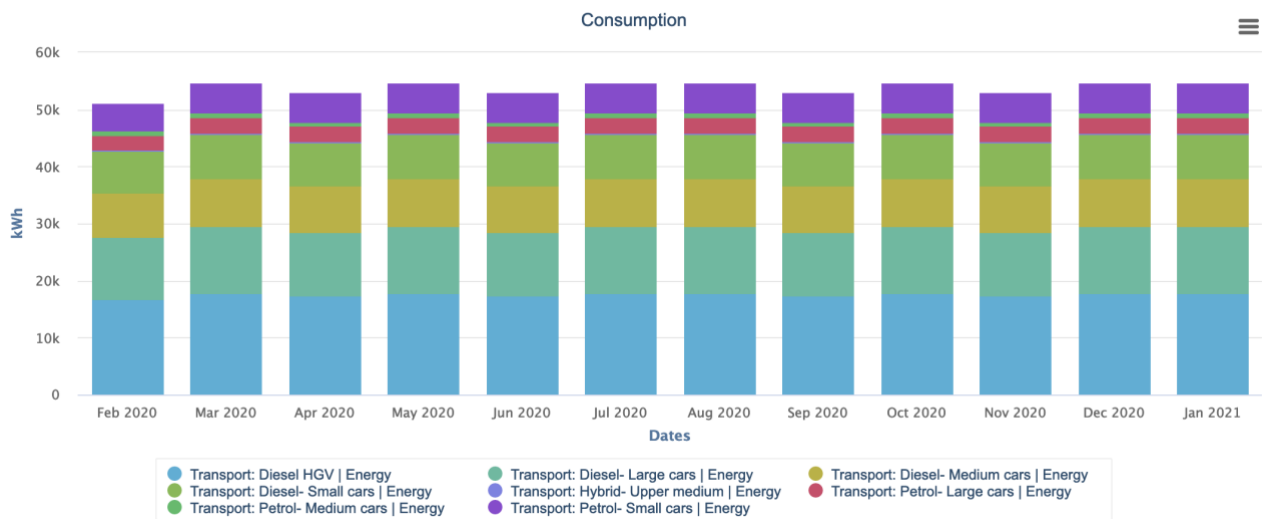


Figure 2-2 Scope 1 Transport consumption

UK Government conversions factors were used. The source was the Department for Business, Energy & Industrial Strategy (BEIS 2020, issued 9th June 2020).

The emissions for the 2020 SECR report are shown overleaf in Table 2-2. Note that gas consumption is negligible, and when expressed in tonnes CO₂e, is only visible when several decimal places are utilised.

Walter Davidson & Sons Limited Greenhouse Gas Emissions- 2020 SECR Summary

Reporting Period	1 st February 2020 to 31 st Jan 2021		2020 tonnes CO ₂ e
Reporting entity	Walter Davidson & Sons Limited Company number SC029652, 21-24 Wellmeadow, Blairgowrie, PH10 6AT		
Methodology	Greenhouse Gas Protocol with UK GOV BEIS 2020 GHG Large, unquoted company- Scope 1 & 2 only.		
Scope 1	Direct emissions- those from activities owned or controlled by your organisation, including combustion of fuel & operation of facilities.	Transport	159.0
		Fugitive emissions	2.5
		Stationary combustion	0.0
		Sub Total	161.5
Scope 2	Indirect emissions- those released into the atmosphere that are associated with your consumption of purchased electricity, heat, steam and cooling.	Electricity (location-based)	171.0
		Electricity (market-based)	0.0
		Sub Total (market-based)	0.0
Total Scope 1 & 2 carbon total (Gross)			161.5
Intensity Metric (Full-time equivalent employees FTE in 2020)	405 FTE		
Total Scope 1 & 2 carbon intensity ratio (tonnes CO₂e/FTE)			0.4
Scope 3	Excluded from scope- future target		N/A
Energy consumption used to calculate above emissions: (kWh)	1,400,928 kWh		
WDSL 2020 Total gross emissions (market-based)			161.5

Table 2-2 WDSL SECR 2020 summary

2.4. Base Year

As far as ECO3 are aware, this is the base year.

2.5. Intensity Ratio

The agreed activity metric chosen was 'Full-time equivalent' employees (FTE), with a reference value of 405 FTE in period.

The intensity ratio for this reporting period is **0.4 tonnes CO₂e/FTE**.

2.6. Methodology

The methodology used is the Greenhouse Gas Protocol, using UK Government conversion factors produced by the Department for Business, Energy & Industrial Strategy (BEIS 2020, issued 9th June 2020).

The market-based method for calculating scope 2 electricity emissions was applied with respect to the procurement of electricity from 100% nuclear sources under EDF's 'Blue for business 100%' contract. The total emissions for electricity account for 0 carbon emissions from nuclear sources. Non-GHG environmental risks from nuclear waste disposal are not considered under scope 1 & 2.

A comparison of electricity emissions is made with the UK government's approved location-based factors for 2020 as require by the GHG Protocol.

With respect to fugitive emissions, the screening method was used. The engineering judgement of a Chartered Engineer (CEng IMechE) was utilised to estimate annual leakage emission rates for plant. No new equipment or refrigeration top-ups were purchased/charged in period.

2.7. Energy Efficiency Actions Taken

No major energy efficiency actions were taken during this reporting period. Specific energy efficiency actions were highlighted within ECO3's Phase 2 ESOS report, dated November 2019. These energy efficiency actions will be reviewed for implementation moving forward.

There is a reduction in annual electricity consumption and carbon emissions relative to the ongoing use of a 20.8kWp solar photovoltaic installation at the main warehouse.

WDSL are reviewing their sustainability and energy strategy with ECO3 and intend to set targets to help them on their journey towards net zero.

This will include the development a series of vehicle and route planning solutions to help transition their vehicle fleet from fossil fuels to electric vehicles. All vehicles and plant (air-conditioning) are serviced and maintained in accordance with the manufacturers intervals to ensure they continue to operate effectively and efficiently.

Although not relevant to this submission, sustainable progress has been made. WDSL's patients have started to receive their medicines in recycled paper bags, and we are aiming to stop the use of single-use plastics, unless deemed medically essential, by the end of 2022.

2.8. Future steps

Data collation to support full disclosure of Scopes 1, 2 & 3 in FY 2021 (i.e., 1st February 2021 to 31st Jan 2022) are actively discussed for assessment.

We have recently commissioned the roll-out of an energy and carbon digital portal to allow us to track, monitor and improve our consumption and footprint across our portfolio.

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