

Date of calculation	8.11.19
Reporting Period:	Mar 2018 - Feb 2019
Reporting method:	GHG protocol standard (revised edition)
Consolidation Approach	Single Organisation
Scopes:	Scope 1, 2 & 3 (Inc. WTT)
Revenue £m:	£0.41
FTE employees:	5
Facilities m ² :	80.25
Industry Sector:	Wholesale and retail trade; repair of motor vehicles and motorcycles
Company Description:	The Company supply customised labels in various materials directly to consumers through online mail-order.

Certification level



Total reported Greenhouse Gas emissions

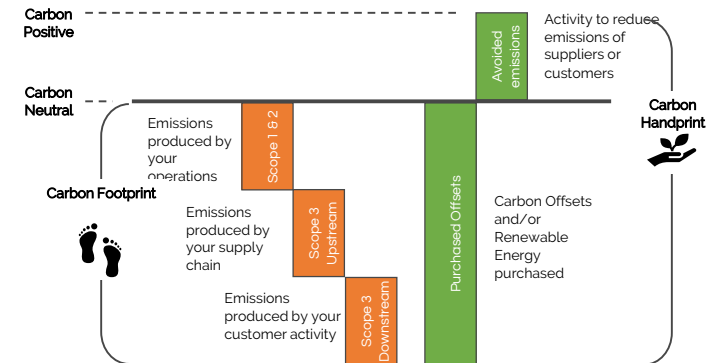
Scope	Emissions (tCO ₂ e)	Emissions relative to size (Intensity Ratios)		
		(tCO ₂ e) / £m revenue	(tCO ₂ e) / FTE	(tCO ₂ e) / m ²
Direct Operational Emissions (Scope 1)	1.748	4.269	0.350	0.022
Indirect Operational Emissions (Scope 2)	0.910	2.223	0.182	0.011
Emissions produced by your operations (Scopes 1 & 2)	2.658	6.492	0.532	0.033
Emissions produced by your supply chain and customer activity (Scope 3)	34.011	83.070	6.802	0.424
Total Emissions (Scopes 1, 2 & 3)	36.669	89.562	7.334	0.457
Carbon Footprint	36.669	89.562	7.334	0.457
Industry sector benchmark		90.000		
Industry sector comparison		0%		
Purchased Offsets	0.671	1.640	0.134	0.008
Avoided Emissions	0.133	0.325	0.027	0.002
Carbon Handprint	0.804	1.965	0.161	0.010
Net Emissions	35.865	87.597	7.173	0.447

If your Net Emissions are a positive number (blue figures) then congratulations - you have gone Carbon Positive!

If your Net Emissions are zero then well done - you are Carbon Neutral. Now you can start to plan how to go Carbon Positive.

If your Net Emissions are a negative number (red figures) then don't worry - now you know your Carbon Footprint you can start to take steps to reduce it.

Diagrammatic Explanation



Year by Year comparison

Scope	Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)	Year (20XX) Emissions (tCO ₂ e)
Scope 1 Emissions	1.748	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Scope 2 Emissions	0.910	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Scope 1 & 2 Emissions	2.658	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Scope 3 Emissions	34.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Carbon Footprint	36.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Purchased Offsets	0.671	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Avoided Emissions	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Carbon Handprint	0.804	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Emissions	35.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Reduction Targets

Target	Boundary	Type	Date	Level	Offsetting Strategy
1: Achieve Carbon Positive status in 2 years	Total Net Emissions	Absolute	FY20-21	Total Net Emissions <0	Offset Footprint only. Net Positive to be achieved through referrals to "Go Carbon Positive" scheme
2: Reduce emissions from Employee Commuting	Scope 3 Cat 7: Employee Commuting	Absolute	End 2019	25% reduction in emissions	None
3: Reduce waste by 5% next year	Scope 3 Cat 5: Waste generated in operations	Absolute	FY19-20	5% reduction by weight	None

Emissions from Use of Sold Products (Lifetime Intensity ratios)

Scope	Annual Emissions per Product (kgCO ₂ e)	Annual Emissions per Product (kgCO ₂)	Annual Emissions per Product (kgCH ₄)	Annual Emissions per Product (kgN ₂ O)	Annual Emissions per Product (kgHFC)	Annual Emissions per Product (kgPFC)	Annual Emissions per Product (kgSF ₆)	Annual Emissions per Product (kgNF ₃)
Electricity used by Iron-on Labels	0.001	0.001	0.000	0.000				
All product lines	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000

GHG emissions by category

Category	Current Year Emissions (tCO2e)	Base Year (20XX) Emissions (tCO2e)	Comparison with Base Year	Base Year Rationale/Reason for Recalculation	Previous Year Emissions (tCO2e)	Comparison with Previous Year
Scope 1 Categories						
Fuels:	1,748	0.000	0%	First year data collected	0.000	0%
Bioenergy:	0.000	0.000	0%	First year data collected	0.000	0%
Process & Fugitive Emissions:	0.000	0.000	0%	First year data collected	0.000	0%
Company vehicles:	0.000	0.000	0%	First year data collected	0.000	0%
Scope 2 Categories						
Purchased electricity:	0.910	0.000	0%	First year data collected	0.000	0%
Purchased heat/steam:	0.000	0.000	0%	First year data collected	0.000	0%
Upstream Scope 3 Categories						
1: Purchased goods and services:	10,015	0.000	0%	First year data collected	0.000	0%
2: Capital goods:	0.180	0.000	0%	First year data collected	0.000	0%
3: Fuel and energy related activities (WTT/T&D):	0.555	0.000	0%	First year data collected	0.000	0%
4: Upstream transportation & distribution:	0.500	0.000	0%	First year data collected	0.000	0%
5: Waste generated in operations:	6.435	0.000	0%	First year data collected	0.000	0%
6: Business travel:	0.839	0.000	0%	First year data collected	0.000	0%
7: Employee commuting:	2,225	0.000	0%	First year data collected	0.000	0%
8: Upstream leased assets:	2,297	0.000	0%	First year data collected	0.000	0%
Downstream Scope 3 Categories						
9: Downstream transportation & distribution:	10,633	0.000	0%	First year data collected	0.000	0%
10: Processing of sold products:	0.000	0.000	0%	First year data collected	0.000	0%
11: Use of sold products:	0.025	0.000	0%	First year data collected	0.000	0%
12: End-of-life treatment of sold products:	0.306	0.000	0%	First year data collected	0.000	0%
13: Downstream Leased assets:	0.000	0.000	0%	First year data collected	0.000	0%
14: Franchises:	0.000	0.000	0%	First year data collected	0.000	0%
15: Investments:	0.000	0.000	0%	First year data collected	0.000	0%
Total Emissions	36,669	0.000	0%		0.000	0%

Offsets and Avoided emissions by category

Category	Current Year Emissions (tCO2e)	Base Year (20XX) Emissions (tCO2e)	Comparison with Base Year	Base Year Rationale/Reason for Recalculation	Previous Year Emissions (tCO2e)	Comparison with Previous Year
Purchased Offsets						
Carbon offsets:	0.000	0.000	0%	First year data collected	0.000	0%
Domestic Carbon Units:	0.000	0.000	0%	First year data collected	0.000	0%
Renewable Energy Purchased:	0.671	0.000	0%	First year data collected	0.000	0%
Avoided Emissions						
Supplier carbon reduction:	0.000	0.000	0%	First year data collected	0.000	0%
Customer carbon reduction:	0.000	0.000	0%	First year data collected	0.000	0%
Avoided emissions from recycling:	0.019	0.000	0%	First year data collected	0.000	0%
Avoided emissions from the use of sold products:	0.114	0.000	0%	First year data collected	0.000	0%
Total Emissions Offset or Avoided	0.804	0.000	0%		0.000	0%

Total reported GHG emissions by gas type

Scope	Emissions (tCO2e)	Emissions (tCO ₂)	Emissions (tCH ₄)	Emissions (tN ₂ O)	Emissions (tHFC)	Emissions (tPFC)	Emissions (tSF ₆)	Emissions (tNF ₃)
Scope 1 Emissions	1.748	1.741	0.002	0.004	0.000	0.000	0.000	0.000
Scope 2 Emissions	0.910	0.903	0.002	0.005	0.000	0.000	0.000	0.000
Scope 3 Emissions	34.011	13.117	0.004	0.083	0.000	0.000	0.000	0.000
Total Scope 1,2 & 3 Emissions	36.669	15.762	0.008	0.092	0.000	0.000	0.000	0.000

Total reported Out of Scope emissions

Scope	Emissions (tCO2e)	Emissions (tCO ₂)
Scopes 1 & 2: Biogenic CO₂	0.000	0.000
Scope 3 Categories: Biogenic CO₂		
4: Upstream transportation & distribution	0.000	0.000
5: Waste generated in operations	0.000	0.000
7: Employee commuting	0.000	0.000
8: Upstream leased assets	0.000	0.000
9: Downstream transportation & distribution	0.000	0.000
10: Processing of sold products	0.000	0.000
11: Use of sold products	0.000	0.000
13: Downstream Leased assets	0.000	0.000
14: Franchises	0.000	0.000
15: Investments	0.000	0.000
Total Out of Scope emissions	0.000	0.000

Description of methodologies and data used

Category	Included	Reason for inclusion/exclusion	Source of Data	Collected By	Collection methodology	Data Processing	Data Quality Assessment	Emissions Factors Used	% emissions calculated using data from value chain partners
Scope 1 Categories									
Fuels:	yes	Heating oil used	Watchman wireless monitor readings	M. Busby	Reading the meter	none	High	Defra 2018 V1.01	100%
Bioenergy:	no	No Bioenergy used							0%
Process & Fugitive Emissions:	no	No processes generating emissions used							0%
Company vehicles:	no	No company vehicles owned							0%
Scope 2 Categories									
Purchased electricity:	yes	Electricity purchased	Electricity meters	M. Busby	Reading the meter	none	High	Defra 2018 V1.01	100%
Purchased heat/steam:	no	No heat or steam purchased							0%
Upstream Scope 3 Categories									
1: Purchased goods and services:	yes	List provided	Purchase orders in accounting software	M. Busby	Export to spreadsheet	Summarise totals	Medium	Defra 2018 V1.01	0%
2: Capital goods:	yes	Capital goods purchased	Client estimate	E. McQuone	verbal	none	Low	Defra 2018 V1.01	0%
3: Fuel and energy related activities (WTT/T&D):	yes	Fuel Oil and Electricity purchased	Utility Bills	M. Busby	See Fuel and Electricity categories	See Fuel and Electricity categories	See Fuel and Electricity categories	Defra 2018 V1.01	100%
4: Upstream transportation & distribution:	yes	Shipments under £19.99 paid by TNLC	Shipstation + Online Royal Mail + Shipments Spreadsheet	M. Busby	Run report on Royal Mail account	Summarise totals	Medium	DEFRA 2012 from emmissionsfactors.com	0%
5: Waste generated in operations:	yes	Mixed waste bin	ISO data register	M. Busby	none	Convert litres to tonnes	Low	Defra 2018 V1.01	0%
6: Business travel:	yes	Personal car mileage claimed	Landrover remote app	M. Busby	Export CSV file	none	High	Defra 2018 V1.01	0%
7: Employee commuting:	yes	Of interest to client	Client estimate	M. Busby	verbal	none	Low	Defra 2018 V1.01	0%
8: Upstream leased assets:	yes	Website hosting & Cloud services used	Google Analytics, Opencart & SBD Estimates?	M. Busby	Manual collection	none	Low	websitescarbon.com 2018/WSP Environment & Energy, LLC	0%
Downstream Scope 3 Categories									
9: Downstream transportation & distribution:	yes	Shipments under £19.99 paid by TNLC	Shipstation + Online Royal Mail + Shipments Spreadsheet	M. Busby	Run report on Royal Mail account	Summarise totals	Medium	DEFRA 2012 from emmissionsfactors.com / Defra 2018 V1.01	0%
10: Processing of sold products:	no	No intermediate products sold							0%
11: Use of sold products:	yes	Iron-on labels use electricity when applied	Purchase orders in accounting software	M. Busby	Export to spreadsheet	Energy use calculation - see "Iron-on labels" sheet	Low	DEFRA 2012 from emmissionsfactors.com / Defra 2018 V1.01	0%
12: End-of-life treatment of sold products:	yes	Products end up being disposed of by customers	Purchase orders in accounting software	M. Busby	Calculated from comparing stock takes	Proportion of waste to Landfill estimated	Low	emmissionsfactors.com / Defra 2018 V1.01	0%
13: Downstream Leased assets:	no	No downstream leased assets sold							0%
14: Franchises:	no	No franchise operations							0%
15: Investments:	no	No investments owned							0%
Purchased Offsets									
Carbon offsets:	no	None purchased							0%
Domestic Carbon Units:	no	None purchased							0%
Renewable Energy Purchased:	yes	Air source heat pump for heating office	SBD estimate based on Action Energy data	E. McQuone	none	See "Air Source Heat Pump" sheet	Low	Defra 2018 V1.01	0%
Avoided Emissions									
Supplier carbon reduction:	no	no activity done	none yet but supplier projects that reduce emissions or waste would count						0%
Customer carbon reduction:	no	no activity done	none yet but customer projects that reduce emissions or waste would count						0%
Avoided emissions from recycling:	yes	Some materials recycled by TNLC	Post office mail sack	M. Busby	Weighing the bag	None	Low	Defra 2018 V1.01	0%
Avoided emissions from the use of sold products	yes	Iron-on labels need less ironing time than standard	Purchase orders in accounting software	M. Busby	Export to spreadsheet	See "Iron-on labels" sheet	Medium	Defra 2018 V1.01	0%

Carbon Footprint Report

Company Value Chain

Value Chain Map for:
Date: 17.10.19

