



Aire Valley Precision Ltd

Disclosure-Aligned · Scope 1, 2 & 3 Inventory

JAN-DEC 2025 · REPORT ID 066c8e95

Factor Pack v2.6.15 · USEEIO Supply Chain v1.3 (USD 2022) · EPA Hub 2025 · eGRID 2023 · EPA WARM v16 · EIA CBECS 2018 · EEA 2024 (EU grids) · DESNZ 2026 (UK) · SEAI 2025 (IE) · CO2emissiefactoren 2026 (NL) · NGA 2026 (AU) · IVL 2025 (SE) · EEA 2024 (BE) · Defra/Leeds 2023 (UK Scope 3) · CEDA by Watershed 2024/2025 (Scope 3 outside the US and UK)

Prepared by aisustainablefuture.com carbon engine 2.5 on behalf of Aire Valley Precision Ltd.

Organizational boundary: Operational control · Base year: 2025

This inventory has not been subject to third-party verification.

Sample report: the company, its ledger and its figures are fictional.

§ 0 EDITOR'S NOTE ON THE JAN-DEC 2025 INVENTORY

auditor brief

This report documents a footprint of **381.6 tCO₂e** across the Jan-Dec 2025 reporting period, covering **25.2%** of the spend uploaded, decomposed and cited line by line in the pages that follow. Scope 3 (value chain) accounts for **64%** of the total, driven principally by Primary Metals at **195.5 tCO₂e**. Of **202** classified rows, **0%** used activity-based factors (±5-10% accuracy) and the balance used spend-based factors (±25-40%, an engineering estimate for the method - §7.3.2 sanctions economic-value data and does not quantify its error); spend-weighted, **88%** of the total came from high-confidence vendor or category matches. The pages that follow carry the full factor provenance, the transaction-level ledger and the methodology - the material an assurance engagement would start from, not a substitute for one.

§ 0.1 EMISSIONS BALANCE · FISCAL YEAR SUMMARY

tCO₂e

S1	Scope 1 STATIONARY + MOBILE COMBUSTION, OWNED & CONTROLLED SOURCES	98.33	26%
S2	Scope 2 PURCHASED GRID ELECTRICITY, LOCATION-BASED FACTOR APPLIED	39.09	10%
S3	Scope 3 VALUE CHAIN · CLOUD · FREIGHT · TRAVEL · PURCHASED GOODS	244.15	64%

CLOSING BALANCE · FY TCO₂E

381.6 tCO₂e

§ 1.1 SCOPE 1 · DIRECT COMBUSTION

tCO₂e by type

	CATEGORY	T CO ₂ E	SHARE
S1	Diesel DESNZ 2026 KG CO ₂ E/L · PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	54.77	56%
S1	Natural Gas DESNZ 2026 KG CO ₂ E/KWH · PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	41.56	42%
S1	Gasoline DESNZ 2026 KG CO ₂ E/L · PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	2.00	2%

§ 1.2 SCOPE 2 · PURCHASED ENERGY

tCO₂e by type

	CATEGORY	T CO ₂ E	SHARE
S2	Electricity DESNZ 2026 · GRID ELECTRICITY, PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	39.09	100%

§ 1.3 SCOPE 3 · VALUE CHAIN

tCO₂e by type

	GHG CATEGORY / EMISSION TYPE	T CO ₂ E	SHARE
S3	CAT 1 · PURCHASED GOODS & SERVICES	220.92	90%
	Primary Metals Defra / Leeds SIC 24.1-3 · 2023	195.50	88%
	Machinery Manufacturing Defra / Leeds SIC 28 · 2023	11.12	5%
	Chemical Manufacturing Defra / Leeds SIC 20.5 · 2023	5.74	3%
	Paper Products Defra / Leeds SIC 17 · 2023	2.42	1%
	Staffing Agencies Defra / Leeds SIC 78 · 2023	1.18	1%

	GHG CATEGORY / EMISSION TYPE	T CO ₂ E	SHARE
	Water Utility Defra / Leeds SIC 36 · 2023	0.94	0%
	Software Subscriptions Defra / Leeds SIC 58 · 2023	0.86	0%
	Textile Manufacturing Defra / Leeds SIC 13 · 2023	0.68	0%
	Office Supplies Defra / Leeds SIC 17 · 2023	0.60	0%
	Professional Services Defra / Leeds SIC 74 · 2023	0.47	0%
	Building Maintenance Defra / Leeds SIC 81 · 2023	0.45	0%
	Restaurant Catering Defra / Leeds SIC 56 · 2023	0.38	0%
	Telecommunications Defra / Leeds SIC 61 · 2023	0.30	0%
	Security Services Defra / Leeds SIC 80 · 2023	0.11	0%
	Legal Services Defra / Leeds SIC 69.1 · 2023	0.11	0%
	Marketing Advertising Defra / Leeds SIC 73 · 2023	0.06	0%
S3	CAT 5 · WASTE GENERATED IN OPERATIONS	11.10	5%
	Waste Disposal Defra / Leeds SIC 38 · 2023	11.10	100%
S3	CAT 3 · FUEL- & ENERGY-RELATED ACTIVITIES (NOT INCLUDED IN SCOPE 1 OR SCOPE 2)	3.88	2%
	Electricity T&D losses DESNZ 2026 · UK T&D; FACTOR 0.01299 KG/KWH	3.88	100%

	GHG CATEGORY / EMISSION TYPE	T CO ₂ E	SHARE
S3	CAT 4 · UPSTREAM TRANSPORTATION	3.77	2%
	Freight Shipping Defra / Leeds SIC 49.3-5 · 2023	2.60	69%
	Courier Delivery Defra / Leeds SIC 53 · 2023	1.17	31%
S3	CAT 6 · BUSINESS TRAVEL	2.55	1%
	Business Travel Air Defra / Leeds SIC 51 · 2023	1.88	74%
	Business Travel Ground Defra / Leeds SIC 49.3-5 · 2023	0.53	21%
	Business Travel Lodging Defra / Leeds SIC 55 · 2023	0.14	5%
S3	CAT 2 · CAPITAL GOODS	1.93	1%
	It Equipment Defra / Leeds SIC 26 · 2023	1.93	100%

§ 1.4 SPEND DATA PROCESSED · FACTOR × \$ = EMISSIONS

kg CO₂e per USD

	CATEGORY	SPEND (USD)	FACTOR	T CO ₂ E
S1	Natural Gas	\$23,305	1.7832	41.56
S1	Diesel	\$32,048	1.7091	54.77
S1	Gasoline	\$1,377	1.4506	2.00
S2	Electricity	\$110,061	0.3552	39.09
S3	Paper Products	\$4,591	0.5269	2.42
S3	Machinery Manufacturing	\$27,597	0.4028	11.12
S3	Water Utility	\$5,882	0.1601	0.94
S3	Waste Disposal	\$10,786	1.0290	11.10

	CATEGORY	SPEND (USD)	FACTOR	T CO ₂ E
S3	Telecommunications	\$4,039	0.0745	0.30
S3	Software Subscriptions	\$11,460	0.0747	0.86
S3	Chemical Manufacturing	\$7,340	0.7822	5.74
S3	Primary Metals	\$320,664	0.6097	195.50
S3	Freight Shipping	\$5,746	0.4527	2.60
S3	Courier Delivery	\$6,661	0.1764	1.17
S3	Business Travel Ground	\$1,168	0.4527	0.53
S3	Business Travel Lodging	\$599	0.2281	0.14
S3	Building Maintenance	\$4,166	0.1087	0.45
S3	Security Services	\$1,575	0.0704	0.11
S3	Staffing Agencies	\$27,432	0.0431	1.18
S3	It Equipment	\$4,572	0.4224	1.93
S3	Office Supplies	\$1,141	0.5269	0.60
S3	Textile Manufacturing	\$1,245	0.5455	0.68
S3	Business Travel Air	\$1,626	1.1565	1.88
S3	Professional Services	\$4,699	0.0991	0.47
S3	Marketing Advertising	\$762	0.0833	0.06
S3	Legal Services	\$3,048	0.0362	0.11
S3	Restaurant Catering	\$1,842	0.2044	0.38
TOTAL · CLASSIFIED SPEND		\$625,431		377.69

§ 2 METHODOLOGY & STANDARDS

per GHG Protocol

This inventory is compiled under the GHG Protocol Corporate Accounting and Reporting Standard (Revised Edition) and the Corporate Value Chain (Scope 3) Standard. The hybrid methodology follows the §7.3.2 data hierarchy: Tier 2 activity-based factors where customer activity data was supplied; Tier 3 spend-based screening for the remainder.

Factor file version: **2.6.15-2026-10-05**. Spend-based factors carry an uncertainty band this report takes as $\pm 25\text{--}40\%$. That band is an engineering estimate for spend-based screening, not a figure published by the GHG Protocol: §7.3.2 sanctions the economic-value METHOD and does not quantify its error. Activity-based factors use EPA Emission Factors Hub Table C-1 for liquid fuels, EPA Stationary Combustion factors for natural gas and propane, DESNZ 2026 · UK electricity generation $0.13096 \text{ kg CO}_2\text{e/kWh}$ grid intensity for electricity, and IPCC AR5 100-year GWP for refrigerant fugitive emissions. Activity factor file version: **1.8-be-eea2024-2026-09-30**. Activity-based accuracy: $\pm 5\text{--}10\%$.

For this report, **0 of 202** classified rows (**0%**) used activity factors; **202** used spend-based factors. Activity rows take precedence over spend rows for the same emission category - no double-counting.

Scope 1 captures direct emissions from owned or controlled sources; activity data supplants spend where supplied, else the spend-proxy method applies and is disclosed as such. Scope 2 captures purchased electricity. Scope 2 electricity is converted to kWh at the official price for the period and multiplied by DESNZ 2026 · UK electricity generation $0.13096 \text{ kg CO}_2\text{e/kWh}$.

Cat 12 (End-of-Life). GHG Protocol Scope 3 Category 12 (end-of-life treatment of sold products) is **not applicable** to this report. The customer does not sell physical products, so there are no end-of-life emissions to attribute. A SaaS, service, or professional-services business legitimately reports Cat 12 as N/A under GHG Protocol Scope 3 Standard §5.12.

Scope 3 category coverage. Of the 15 GHG Protocol Scope 3 categories, this report renders results for **Cats 1, 2, 3, 4, 5, 6, 7, 12** - purchased goods and services (spend-based screening per §7.3.2), capital goods (equipment, IT and construction spend), fuel- and energy-related activities (Activity C - grid T&D losses derived from Scope 2), upstream transportation (when freight spend is present), waste generated in operations, business travel (when the relevant spend is present), employee commuting (see the limitation below), and end-of-life of sold products (Cat 12 where applicable; see §4b above for the three-branch disclosure). Each of these categories renders only when the classifier detects matching activity in the uploaded data - a report covering purely office-based SMB spend will typically render Cats 1, 3, and 12, while Cats 2, 4, 5, 6, 7 appear only when equipment, freight, waste, travel or commuting categories are populated. **Category 7 is bounded by the method**. A spend-based inventory can only see commuting the reporting entity PAID for - commuter benefits, transit passes and subsidies. Commuting borne by employees themselves does not enter the ledger and therefore cannot enter this figure, and for most entities that is the larger share

of it. A Category 7 total of zero here means no employer-paid commuting spend was found, not that employees do not commute. A complete Category 7 requires an employee survey of home-to-work distance and mode per the GHG Protocol Scope 3 Standard, which is outside a spend-based screening. Factor data is additionally provisioned for **Cats 8, 9** (upstream leased assets via EIA CBECS average-data intensity, downstream transportation via EPA Hub distance-based factors) - no route from customer input to these categories exists yet; rows exist in the factor file and are citable, but do not yet materialize in the report. Categories **10, 11, 13, 14, 15** (processing of sold products, use-phase of sold products, downstream leased assets, franchises, and investments) are not covered in this release and are disclosed as out-of-scope per GHG Protocol §5. A customer for whom any of these uncovered categories is material should supplement this screening with a category-specific inventory before using the numbers for regulatory filing or third-party assurance.

Energy is priced where and when it was bought. Each electricity, natural gas and road fuel purchase is converted to a quantity (litres, gallons, therms or kWh) at the official price for your country in the period of the transaction (DESNZ Quarterly Energy Prices table 3.4.2 and DESNZ Weekly road fuel prices (ULSP/ULSD pump price)), net of any VAT or GST the business recovers. The quantity is then multiplied by the physical emission factor or the grid intensity. The quantity and price used are printed against each row of the transaction ledger.

Scope 3 uses the UK's own factors. Purchased goods and services are converted with the Defra / University of Leeds spend-based emissions multipliers (kg CO₂e per pound, excluding VAT, by SIC product group, in the prices of the year), matching each category to the group of what was bought. Spend after the latest published year (2023) uses that year's multipliers; UK prices have risen since, so this errs slightly high. The group and year used are printed against each ledger row. Contains public sector information licensed under the Open Government Licence v3.0.

Boundary, base year and recalculation. Organizational boundary: **Operational control**. Base year: **2025**. Where either is unstated the customer did not supply it, and this report makes no assumption on their behalf; both are required for a conforming inventory and both are collected at upload. Recalculation policy: the base year is restated when a structural change (acquisition, divestment, outsourcing), a methodology change, or a discovered error alters base-year Scope 1 + 2 by more than 5%. That threshold is this report's declared significance threshold per GHG Protocol Chapter 5; a screening inventory has no prior period to restate, so the policy governs from this year forward.

Gross figures, biogenic carbon and per-gas reporting. Every total in this report is GROSS: no purchased offsets, renewable energy certificates or allowances have been deducted, and the engine has no field in which to enter them. Biogenic CO₂ is not separately quantified - a spend-based screening cannot distinguish the biogenic fraction of a fuel or material purchase from its fossil fraction, so no biogenic figure is claimed either way. Per-gas: Scope 1 combustion is reported as CO₂ and non-CO₂ (CH₄ and N₂O combined) because the EPA Hub publishes the combustion factor as CO₂

with a single non-CO₂ uplift; splitting CH₄ from N₂O would require per-gas factors this engine does not carry, and inventing the split would be worse than declining it. Spend-based rows are blended CO₂e by construction and cannot be decomposed at all. No PFC or SF₆ sources were identified.

Amounts were in GBP. Non-USD amounts were converted to USD using static FX rates (vintage: **February 2026**) before emission factors were applied. Conversion details appear in the Transaction Ledger.

Calculation. For spend-based rows: $\text{tCO}_2\text{e} = (\text{spend USD}) \times (\text{factor kg/USD}) \div 1,000$.
For activity-based rows: $\text{tCO}_2\text{e} = (\text{physical quantity}) \times (\text{per-unit factor}) \div 1,000$.
Refrigerant fugitive emissions: $\text{tCO}_2\text{e} = (\text{refrigerant kg}) \times (\text{GWP}_{100}) \div 1,000$.

Rows were classified on the deterministic keyword path (vendor names, account names and descriptions mapped to EEIO commodity codes); Claude was not used for this upload. Vendor name takes precedence over expense_category when both are present. This report was generated on **05 October 2026**.

Sensitivity. The range below is asymmetric because the two error sources are. Factor uncertainty for spend-based screening is taken as $\pm 25\text{-}40\%$ and cuts both ways; incomplete coverage only ever understates. Applied to the inventory total (**381.6 tCO₂e**), the range is **228.9-534.2 tCO₂e**. **What this range does NOT cover:** misclassification. A row assigned to the wrong category moves by the **RATIO** of two factors, not by a percentage, and the factors in this pack span roughly two orders of magnitude - so a single misrouted row can exceed the whole band. The per-row factor and mapping logic in the transaction ledger are there to make that checkable. Substituting activity data for spend in high-impact categories tightens the factor half toward $\pm 5\text{-}10\%$.

This draft is intended for screening, supplier-disclosure response (CDP, Walmart Project Gigaton, Microsoft Supplier Sustainability), and management decision support. For formal regulatory filings or third-party assurance, supplement with primary activity data across material categories and engage an ISO 14064-3 reviewer.

§ 2.1 SCOPE BOUNDARY STATEMENT

This inventory declares **Scope 1** (direct fuel combustion), **Scope 2** (purchased electricity), and **Scope 3** (value chain) emissions. Scope 3 categories assessed from your spend data: Category 1 - Purchased Goods and Services; Category 2 - Capital Goods; Category 3 - Fuel- and Energy-Related Activities (not included in Scope 1 or Scope 2); Category 4 - Upstream Transportation; Category 5 - Waste Generated in Operations; Category 6 - Business Travel. Other value-chain categories are included only where they can be identified from spend; those not derivable from the ledger (for example employee commuting or use of sold products) are not assessed. Of **274** line items, **202** were classified into Scope 1, 2 or 3; **72** were excluded as non-emission (payroll, tax, rent and similar). Of the spend uploaded, **25.2%** carries an emission factor, **74.8%** is non-emitting and was deliberately excluded

(payroll, tax, rent and similar), and 0.0% could not be identified. Only the last of those three understates your footprint.

§ 2.2 DATA INTAKE DECISIONS · STRUCTURAL

auto-detected

Before parsing the upload, the engine inspected its structure and auto-detected the settings below. Each decision normalizes the data to a consistent internal format before emission factors are applied, preserving the ability to reconcile each line against your general ledger.

File encoding	UTF-8
Decimal convention	US (1,234.56)
Negative amount format	Hyphen (-1234.56)
Date convention	DD/MM/YYYY (day-first)
Localized column headers mapped	Date→date, Contact→vendor, Account Name→category

Additional notes. Mapped localized column headers: 'Date'→date, 'Contact'→vendor, 'Account Name'→category; Detected date format: DD/MM/YYYY (based on 274 date cells with majority-vote convention)

§ 2.3 ROW-LEVEL INFERENCE DECISIONS · TOP 20 BY SPEND

rescued rows

ROW	ORIGINAL GAP	INFERRED VALUE	SIGNAL SOURCE
R-105	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-14	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-242	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-69	Missing category	inferred textile_manufacturing (scope3)	Notes field
R-194	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-151	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-57	Missing category	inferred chemical_manufacturing (scope3)	Notes field
R-266	Missing category	inferred gasoline (scope1)	Notes field
R-15	Missing category	inferred gasoline (scope1)	Notes field
R-36	Missing category	inferred gasoline (scope1)	Notes field
R-244	Missing category	inferred gasoline (scope1)	Notes field
R-107	Missing category	inferred gasoline (scope1)	Notes field
R-220	Missing category	inferred gasoline (scope1)	Notes field
R-197	Missing category	inferred gasoline (scope1)	Notes field
R-83	Missing category	inferred gasoline (scope1)	Notes field
R-129	Missing category	inferred gasoline (scope1)	Notes field
R-59	Missing category	inferred gasoline (scope1)	Notes field
R-173	Missing category	inferred gasoline (scope1)	Notes field
R-152	Missing category	inferred gasoline (scope1)	Notes field

§ 3 DATA QUALITY · CONFIDENCE & PROVENANCE

rows classified

88% of total emissions came from rows classified at high confidence (vendor or category matched at ≥ 0.8). The balance sits in medium- or low-confidence rows - review those in the Transaction Ledger if citing specific line items. Top 3 vendors represent 75% of Scope 3 spend (26 distinct vendors total) - reduction effort concentrated on those three accounts has the highest leverage.

The engine recovered 19 data points that would otherwise have been excluded or left blank: 19 via notes-column inference. Each recovered row is flagged in the Transaction Ledger with its inference source.

Classification method	GHG Protocol spend-based (automated)
Emission-factor source	Scope 1 and 2: DESNZ 2026, priced at DESNZ Quarterly Energy Prices table 3.4.2 and DESNZ Weekly road fuel prices (ULSP/ULSD pump price); Scope 3: Defra / University of Leeds spend-based multipliers (OGL v3); factor pack v2.6.15-2026-10-05
Rows uploaded	274
Rows priced into the totals	202
High-confidence mappings	171
Items for review	31
Total transactions flagged	0

Industry-standard estimation per GHG Protocol Corporate Standard (2015 Revised). Spend items were classified via automated mapping with keyword and vendor recognition. For tighter accuracy, supply actual activity data (kWh, litres, km) where available.

§ 4 FRAMEWORK READINESS

gap analysis, not
compliance

FRAMEWORK	WHAT IT REQUIRES	THIS REPORT	GAP
GHG Protocol	Scopes 1 and 2 mandatory, Scope 2 on both location and market basis. Scope 3 optional. Spend-based is an accepted Scope 3 method, never for Scopes 1 or 2. No assurance required.	Scope 1; Scope 2 (location-based); Scope 3 (6 of 15 categories). All spend-based.	Needs market-based Scope 2, per-gas disclosure for the spend-based rows, which blended CO2e factors cannot provide.
CDP Climate	Voluntary questionnaire, not a filing. Estimates are explicitly accepted and scored up to Management level. Verification is scored, not required.	Scope 1; Scope 2 (location-based); Scope 3 (6 of 15 categories). All spend-based.	Supports Module 7 disclosure. Needs market-based Scope 2 and third-party verification to reach the top score band.
CSRD / ESRS E1	Assured Scope 1, Scope 2 on both bases, and Scope 3 per significant category from activity data. Limited assurance is mandatory. Scope narrowed substantially after the 2025 Omnibus.	Scope 1; Scope 2 (location-based); Scope 3 (6 of 15 categories). All spend-based.	Spend-based data is sanctioned for the Scope 3 SCREENING step only (E1-8 AR 24(b)), so this supports a gap analysis, not a filing. Also needs market-based Scope 2, assurance, targets and a transition plan.
California SB-253	Applies only to entities over \$1B revenue doing business in California. Scope 1 and 2 from 2026, Scope 3 from 2027, with third-party assurance. CARB rules are not final.	Scope 1; Scope 2 (location-based); Scope 3 (6 of 15 categories). All spend-based.	Applicability not determined: this report holds no revenue or California-nexus data. If in scope, it would additionally need market-based Scope 2, activity data for Scopes 1 and 2, and assurance.

This table states what each framework requires and what this report contains. It is a gap analysis, not a statement of compliance, and no row above should be read as confirming eligibility to file. The largest recurring gap is market-based Scope 2, which needs your supplier contracts or residual-mix factors and cannot be derived from spend data. Supplying activity data (kWh, litres, km) closes the Scope 1 and 2 method gap. Confirm your obligations with your sustainability advisor before any regulatory submission.

§ 5 PRICED TRANSACTION LEDGER

202 of 274 rows

REF	VENDOR	CATEGORY	CONF.	USD
R-17	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 13.099 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$21,486 GBP 16,918
R-38	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 13.061 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$21,424 GBP 16,869
R-222	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 12.794 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$20,985 GBP 16,523
R-131	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 12.322 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$20,211 GBP 15,914
R-109	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 12.192 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$19,998 GBP 15,746
R-268	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 11.995 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$19,674 GBP 15,492
R-85	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 10.496 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$17,215 GBP 13,555
R-154	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 10.450 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$17,141 GBP 13,497
R-175	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 9.553 tC02e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$15,668 GBP 12,337

R-199	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 9.487 tCO2e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$15,560 GBP 12,252
R-246	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 9.285 tCO2e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$15,230 GBP 11,992
R-61	Kloeckner Metals UK CANONICAL · KLOECKNER	Primary Metals [S3] · SPEND f=0.6097 · 8.900 tCO2e · Defra SIC 24.1-3 2023 Exact keyword: 'kloeckner' → primary_metals	Strong	\$14,599 GBP 11,495
R-203	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 6.273 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$10,290 GBP 8,102
R-94	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3602 · 3.620 tCO2e · 27,642 kWh @ 0.286 GBP/kWh 2025-05 Partial keyword: 'electricity' → electricity	Good	\$10,049 GBP 7,912
R-183	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.361 · 3.608 tCO2e · 27,554 kWh @ 0.286 GBP/kWh 2025-09 Partial keyword: 'electricity' → electricity	Good	\$9,995 GBP 7,870
R-39	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 6.089 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$9,987 GBP 7,864
R-163	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.361 · 3.562 tCO2e · 27,202 kWh @ 0.286 GBP/kWh 2025-08 Partial keyword: 'electricity' → electricity	Good	\$9,868 GBP 7,770
R-118	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3602 · 3.543 tCO2e · 27,057 kWh @ 0.286 GBP/kWh 2025-06 Partial keyword: 'electricity' → electricity	Good	\$9,836 GBP 7,745

R-26	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3502 · 3.366 tCO2e · 25,700 kWh @ 0.294 GBP/kWh 2025-02 Partial keyword: 'electricity' → electricity	Good	\$9,610 GBP 7,567
R-176	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 5.779 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$9,479 GBP 7,464
R-255	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3487 · 3.276 tCO2e · 25,014 kWh @ 0.296 GBP/kWh 2025-12 Partial keyword: 'electricity' → electricity	Good	\$9,394 GBP 7,397
R-87	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 5.595 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$9,177 GBP 7,226
R-5	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3502 · 3.164 tCO2e · 24,157 kWh @ 0.294 GBP/kWh 2025-01 Partial keyword: 'electricity' → electricity	Good	\$9,033 GBP 7,113
R-248	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 5.418 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$8,887 GBP 6,998
R-211	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3487 · 3.095 tCO2e · 23,637 kWh @ 0.296 GBP/kWh 2025-10 Partial keyword: 'electricity' → electricity	Good	\$8,876 GBP 6,989
R-231	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3487 · 3.087 tCO2e · 23,572 kWh @ 0.296 GBP/kWh 2025-11 Partial keyword: 'electricity' → electricity	Good	\$8,852 GBP 6,970
R-142	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.361 · 3.097 tCO2e · 23,648 kWh @ 0.286 GBP/kWh 2025-07 Partial keyword: 'electricity' → electricity	Good	\$8,578 GBP 6,755

R-156	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 5.216 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$8,556 GBP 6,737
R-111	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.993 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$8,190 GBP 6,449
R-19	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.940 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$8,103 GBP 6,380
R-74	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3602 · 2.877 tCO2e · 21,971 kWh @ 0.286 GBP/kWh 2025-04 Partial keyword: 'electricity' → electricity	Good	\$7,988 GBP 6,289
R-46	Octopus Energy for Bus	Electricity [S2] · SPEND f=0.3502 · 2.795 tCO2e · 21,345 kWh @ 0.294 GBP/kWh 2025-03 Partial keyword: 'electricity' → electricity	Good	\$7,982 GBP 6,285
R-271	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.465 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$7,323 GBP 5,766
R-224	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.397 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$7,212 GBP 5,678
R-134	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.370 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$7,167 GBP 5,644
R-65	Aalco Metals Leeds CANONICAL · AALCO	Primary Metals [S3] · SPEND f=0.6097 · 4.329 tCO2e · Defra SIC 24.1-3 2023 Substring-match → 'aalco' (score 95): Metals stockholder (aluminium, sta	Strong	\$7,101 GBP 5,592

R-58	Pertemps Recruitment	Staffing Agencies [S3] · SPEND f=0.04313 · 0.296 tC02e · Defra SIC 78 2023 Exact keyword: 'temporary staff' → staffing_agencies	Strong	\$6,858 GBP 5,400
R-127	Pertemps Recruitment	Staffing Agencies [S3] · SPEND f=0.04313 · 0.296 tC02e · Defra SIC 78 2023 Exact keyword: 'temporary staff' → staffing_agencies	Strong	\$6,858 GBP 5,400
R-195	Pertemps Recruitment	Staffing Agencies [S3] · SPEND f=0.04313 · 0.296 tC02e · Defra SIC 78 2023 Exact keyword: 'temporary staff' → staffing_agencies	Strong	\$6,858 GBP 5,400
R-264	Pertemps Recruitment	Staffing Agencies [S3] · SPEND f=0.04313 · 0.296 tC02e · Defra SIC 78 2023 Exact keyword: 'temporary staff' → staffing_agencies	Strong	\$6,858 GBP 5,400
REF	VENDOR	CATEGORY	CONF.	USD
R-64	Dell Technologies CANONICAL · DELL	It Equipment [S3] · SPEND f=0.4224 · 1.931 tC02e · Defra SIC 26 2023 Substring-match → 'dell' (score 95): Computer manufacturer	Strong	\$4,572 GBP 3,600
R-146	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.738 tC02e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$4,316 GBP 3,398
R-99	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.719 tC02e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$4,268 GBP 3,360
R-188	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.711 tC02e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$4,248 GBP 3,345
R-51	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.534 tC02e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$3,809 GBP 3,000

R-9	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.529 tCO2e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$3,796 GBP 2,989
R-236	Sandvik Coromant UK CANONICAL · SANDVIK COROMANT	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.477 tCO2e · Defra SIC 28 2023 Substring-match → 'sandvik coromant' (score 95): Cutting tools (NAICS 33)	Strong	\$3,667 GBP 2,888
R-28	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.905 · 6.688 tCO2e · 36,683 kWh @ 0.075 GBP/kWh 2025-02 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,511 GBP 2,765
R-257	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.768 · 6.201 tCO2e · 34,016 kWh @ 0.081 GBP/kWh 2025-12 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,508 GBP 2,762
R-128	Mazak UK Service CANONICAL · MAZAK	Machinery Manufacturing [S3] · SPEND f=0.4028 · 1.407 tCO2e · Defra SIC 28 2023 Substring-match → 'mazak' (score 95): Machine tools (Yamazaki Mazak)	Strong	\$3,492 GBP 2,750
R-234	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.768 · 5.734 tCO2e · 31,453 kWh @ 0.081 GBP/kWh 2025-11 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,244 GBP 2,554
R-7	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.905 · 5.916 tCO2e · 32,453 kWh @ 0.075 GBP/kWh 2025-01 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,106 GBP 2,446
R-8	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.694 · 5.202 tCO2e · 2,013 L @ 1.201 GBP/L 2025-01 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$3,071 GBP 2,418

R-258	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.675 · 5.140 tCO2e · 1,990 L @ 1.214 GBP/L 2025-12 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$3,068 GBP 2,416
R-29	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.667 · 5.099 tCO2e · 1,974 L @ 1.220 GBP/L 2025-02 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$3,059 GBP 2,408
R-196	Walker Morris LLP CANONICAL · WALKER MORRIS	Legal Services [S3] · SPEND f=0.03616 · 0.110 tCO2e · Defra SIC 69.1 2023 Substring-match → 'walker morris' (score 95): Law firm (Leeds)	Strong	\$3,048 GBP 2,400
R-49	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.905 · 5.740 tCO2e · 31,486 kWh @ 0.075 GBP/kWh 2025-03 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,014 GBP 2,373
R-212	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.768 · 5.317 tCO2e · 29,164 kWh @ 0.081 GBP/kWh 2025-10 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$3,008 GBP 2,368
R-213	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.71 · 5.005 tCO2e · 1,937 L @ 1.190 GBP/L 2025-10 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,927 GBP 2,305
R-76	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.723 · 4.996 tCO2e · 1,934 L @ 1.181 GBP/L 2025-04 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,900 GBP 2,283
R-50	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.685 · 4.541 tCO2e · 1,758 L @ 1.207 GBP/L 2025-03 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,694 GBP 2,121

R-166	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.717 · 4.158 tCO2e · 1,609 L @ 1.185 GBP/L 2025-08 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,422 GBP 1,907
R-121	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.763 · 4.257 tCO2e · 1,648 L @ 1.154 GBP/L 2025-06 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,415 GBP 1,902
R-235	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.697 · 4.068 tCO2e · 1,575 L @ 1.199 GBP/L 2025-11 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,397 GBP 1,887
R-145	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.727 · 4.130 tCO2e · 1,599 L @ 1.178 GBP/L 2025-07 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,392 GBP 1,884
R-98	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.756 · 4.168 tCO2e · 1,613 L @ 1.159 GBP/L 2025-05 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,374 GBP 1,870
R-86	Armstrong Watson LLP	Professional Services [S3] · SPEND f=0.09914 · 0.233 tCO2e · Defra SIC 74 2023 Exact keyword: 'consulting' → professional_services	Strong	\$2,350 GBP 1,850
R-223	Armstrong Watson LLP	Professional Services [S3] · SPEND f=0.09914 · 0.233 tCO2e · Defra SIC 74 2023 Exact keyword: 'consulting' → professional_services	Strong	\$2,350 GBP 1,850
R-187	ALLSTAR BUSINESS SOLUT CANONICAL · ALLSTAR	Diesel [S1] · SPEND f=1.721 · 4.007 tCO2e · 1,551 L @ 1.182 GBP/L 2025-09 Substring-match → 'allstar' (score 95): Fuel card (Allstar Business Solu	Strong	\$2,328 GBP 1,833
R-265	The Corn Exchange Kitc	Restaurant Catering [S3] · SPEND f=0.2044 · 0.376 tCO2e · Defra SIC 56 2023 Exact keyword: 'entertainment' → restaurant_catering	Strong	\$1,842 GBP 1,450

R-105	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 1.024 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,309 GBP 1,031
R-14	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 0.999 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,277 GBP 1,005
R-242	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 0.996 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,274 GBP 1,003
R-69	Arco	Textile Manufacturing [S3] · SPEND f=0.5455 · 0.679 tCO2e · Defra SIC 13 2023 Notes inference: 'workwear' → textile_manufacturing	Good	\$1,245 GBP 980
R-194	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 0.963 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,231 GBP 970
R-151	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 0.884 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,130 GBP 890
R-57	Fuchs Lubricants UK	Chemical Manufacturing [S3] · SPEND f=0.7822 · 0.875 tCO2e · Defra SIC 20.5 2023 Notes inference: 'cutting fluid' → chemical_manufacturing	Good	\$1,118 GBP 881
R-18	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.494 tCO2e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$1,091 GBP 859
R-247	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.491 tCO2e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$1,085 GBP 855

R-35	Clean Sweep Commercial CANONICAL · CLEANING	Building Maintenance [S3] · SPEND f=0.1087 · 0.113 tC02e · Defra SIC 81 2023 Exact keyword: 'cleaning' → building_maintenance	Strong	\$1,041 GBP 820
REF	VENDOR	CATEGORY	CONF.	USD
R-106	Clean Sweep Commercial CANONICAL · CLEANING	Building Maintenance [S3] · SPEND f=0.1087 · 0.113 tC02e · Defra SIC 81 2023 Exact keyword: 'cleaning' → building_maintenance	Strong	\$1,041 GBP 820
R-172	Clean Sweep Commercial CANONICAL · CLEANING	Building Maintenance [S3] · SPEND f=0.1087 · 0.113 tC02e · Defra SIC 81 2023 Exact keyword: 'cleaning' → building_maintenance	Strong	\$1,041 GBP 820
R-243	Clean Sweep Commercial CANONICAL · CLEANING	Building Maintenance [S3] · SPEND f=0.1087 · 0.113 tC02e · Defra SIC 81 2023 Exact keyword: 'cleaning' → building_maintenance	Strong	\$1,041 GBP 820
R-110	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.467 tC02e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$1,032 GBP 813
R-124	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.989 tC02e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$961 GBP 757
R-191	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.988 tC02e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$960 GBP 756
R-169	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.985 tC02e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$957 GBP 754
R-11	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.982 tC02e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$954 GBP 751

R-261	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.964 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$937 GBP 738
R-216	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.932 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$906 GBP 713
R-54	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.929 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$902 GBP 711
R-32	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.925 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$899 GBP 708
R-200	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.399 tCO2e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$881 GBP 694
R-13	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tCO2e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-34	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tCO2e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-56	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tCO2e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-81	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tCO2e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690

R-104	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-126	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-150	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-171	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-193	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-218	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-241	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690
R-263	Microsoft	Software Subscriptions [S3] · SPEND f=0.07472 · 0.065 tC02e · Defra SIC 58 2023 Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$876 GBP 690

R-62	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.393 tCO2e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$867 GBP 683
R-102	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.865 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$840 GBP 662
R-184	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.436 tCO2e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$828 GBP 652
R-79	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.852 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$828 GBP 652
R-239	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.851 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$827 GBP 652
R-148	Biffa Waste Services CANONICAL · WASTE	Waste Disposal [S3] · SPEND f=1.029 · 0.837 tCO2e · Defra SIC 38 2023 Exact keyword: 'waste' → waste_disposal	Strong	\$814 GBP 641
R-77	British Airways	Business Travel Air [S3] · SPEND f=1.157 · 0.940 tCO2e · Defra SIC 51 2023 Substring-match → 'british airways' (score 95): UK flag carrier	Strong	\$813 GBP 640
R-214	British Airways	Business Travel Air [S3] · SPEND f=1.157 · 0.940 tCO2e · Defra SIC 51 2023 Substring-match → 'british airways' (score 95): UK flag carrier	Strong	\$813 GBP 640
R-232	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.417 tCO2e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$791 GBP 622

R-155	Palletline	Freight Shipping [S3] · SPEND f=0.4527 · 0.357 tC02e · Defra SIC 49.3-5 2023 Exact keyword: 'freight' → freight_shipping	Strong	\$789 GBP 621
R-6	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.413 tC02e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$784 GBP 617
R-143	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.402 tC02e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$763 GBP 600
R-133	LinkedIn Ireland	Marketing Advertising [S3] · SPEND f=0.08326 · 0.063 tC02e · Defra SIC 73 2023 Exact keyword: 'advertising' → marketing_advertising	Strong	\$762 GBP 600
R-95	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.400 tC02e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$760 GBP 598
R-97	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.636 · 1.120 tC02e · 6,141 kWh @ 0.088 GBP/kWh 2025-05 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$684 GBP 539
REF	VENDOR	CATEGORY	CONF.	USD
R-47	Kite Packaging	Paper Products [S3] · SPEND f=0.5269 · 0.351 tC02e · Defra SIC 17 2023 Substring-match → 'kite packaging' (score 95): Packaging distributor (mo	Strong	\$666 GBP 524
R-75	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.636 · 1.088 tC02e · 5,969 kWh @ 0.088 GBP/kWh 2025-04 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$665 GBP 524

R-144	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.406 · 0.924 tCO2e · 5,068 kWh @ 0.102 GBP/kWh 2025-07 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$657 GBP 518
R-186	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.406 · 0.914 tCO2e · 5,015 kWh @ 0.102 GBP/kWh 2025-09 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$650 GBP 512
R-120	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.636 · 1.058 tCO2e · 5,803 kWh @ 0.088 GBP/kWh 2025-06 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$647 GBP 509
R-249	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.110 tCO2e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$622 GBP 490
R-225	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.109 tCO2e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$616 GBP 485
R-157	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.108 tCO2e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$611 GBP 481
R-165	British Gas Business CANONICAL · BRITISH GAS	Natural Gas [S1] · SPEND f=1.406 · 0.857 tCO2e · 4,699 kWh @ 0.102 GBP/kWh 2025-08 Substring-match → 'british gas' (score 95): UK natural gas supplier	Strong	\$609 GBP 480
R-272	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.104 tCO2e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$589 GBP 464
R-204	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.103 tCO2e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$583 GBP 459

R-66	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.099 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$563 GBP 443
R-177	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.096 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$545 GBP 429
R-40	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.095 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$538 GBP 423
R-190	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.085 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$530 GBP 417
R-112	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.091 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$518 GBP 408
R-31	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.082 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$513 GBP 404
R-88	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.090 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$512 GBP 403
R-101	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.081 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$508 GBP 400
R-10	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.081 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$507 GBP 399

R-260	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.081 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$504 GBP 397
R-168	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.081 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$503 GBP 396
R-238	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.080 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$502 GBP 395
R-135	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.088 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$500 GBP 393
R-147	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.078 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$489 GBP 385
R-20	DPD UK CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1764 · 0.082 tC02e · Defra SIC 53 2023 Substring-match → 'dpd' (score 95): European courier	Strong	\$466 GBP 367
R-215	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.075 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$466 GBP 367
R-53	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.074 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$465 GBP 366
R-78	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.073 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$456 GBP 359

R-123	Yorkshire Water CANONICAL · WATER	Water Utility [S3] · SPEND f=0.1601 · 0.070 tC02e · Defra SIC 36 2023 Exact keyword: 'water' → water_utility	Strong	\$439 GBP 346
R-48	ADT Fire & Security CANONICAL · ADT	Security Services [S3] · SPEND f=0.07043 · 0.028 tC02e · Defra SIC 80 2023 Exact keyword: 'adt' → security_services	Strong	\$394 GBP 310
R-119	ADT Fire & Security CANONICAL · ADT	Security Services [S3] · SPEND f=0.07043 · 0.028 tC02e · Defra SIC 80 2023 Exact keyword: 'adt' → security_services	Strong	\$394 GBP 310
R-185	ADT Fire & Security CANONICAL · ADT	Security Services [S3] · SPEND f=0.07043 · 0.028 tC02e · Defra SIC 80 2023 Exact keyword: 'adt' → security_services	Strong	\$394 GBP 310
R-256	ADT Fire & Security CANONICAL · ADT	Security Services [S3] · SPEND f=0.07043 · 0.028 tC02e · Defra SIC 80 2023 Exact keyword: 'adt' → security_services	Strong	\$394 GBP 310
R-12	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-33	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-55	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-80	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265

R-103	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-125	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
REF	VENDOR	CATEGORY	CONF.	USD
R-149	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-170	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-192	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-217	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-240	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-262	BT Business	Telecommunications [S3] · SPEND f=0.07452 · 0.025 tC02e · Defra SIC 61 2023 Exact keyword: 'telephone' → telecommunications	Strong	\$337 GBP 265
R-68	Viking Direct	Office Supplies [S3] · SPEND f=0.5269 · 0.172 tC02e · Defra SIC 17 2023 Exact keyword: 'stationery' → office_supplies	Strong	\$326 GBP 257

R-274	Viking Direct	Office Supplies [S3] · SPEND f=0.5269 · 0.162 tC02e · Defra SIC 17 2023 Exact keyword: 'stationery' → office_supplies	Strong	\$308 GBP 243
R-27	Trainline	Business Travel Ground [S3] · SPEND f=0.4527 · 0.132 tC02e · Defra SIC 49.3-5 2023 Substring-match → 'trainline' (score 95): UK rail tickets	Strong	\$292 GBP 230
R-96	Trainline	Business Travel Ground [S3] · SPEND f=0.4527 · 0.132 tC02e · Defra SIC 49.3-5 2023 Substring-match → 'trainline' (score 95): UK rail tickets	Strong	\$292 GBP 230
R-164	Trainline	Business Travel Ground [S3] · SPEND f=0.4527 · 0.132 tC02e · Defra SIC 49.3-5 2023 Substring-match → 'trainline' (score 95): UK rail tickets	Strong	\$292 GBP 230
R-233	Trainline	Business Travel Ground [S3] · SPEND f=0.4527 · 0.132 tC02e · Defra SIC 49.3-5 2023 Substring-match → 'trainline' (score 95): UK rail tickets	Strong	\$292 GBP 230
R-137	Viking Direct	Office Supplies [S3] · SPEND f=0.5269 · 0.138 tC02e · Defra SIC 17 2023 Exact keyword: 'stationery' → office_supplies	Strong	\$262 GBP 206
R-206	Viking Direct	Office Supplies [S3] · SPEND f=0.5269 · 0.129 tC02e · Defra SIC 17 2023 Exact keyword: 'stationery' → office_supplies	Strong	\$245 GBP 193
R-30	Premier Inn	Business Travel Lodging [S3] · SPEND f=0.2281 · 0.034 tC02e · Defra SIC 55 2023 Exact keyword: 'premier inn' → business_travel_lodging	Strong	\$150 GBP 118
R-100	Premier Inn	Business Travel Lodging [S3] · SPEND f=0.2281 · 0.034 tC02e · Defra SIC 55 2023 Exact keyword: 'premier inn' → business_travel_lodging	Strong	\$150 GBP 118

R-167	Premier Inn	Business Travel Lodging [S3] · SPEND f=0.2281 · 0.034 tC02e · Defra SIC 55 2023 Exact keyword: 'premier inn' → business_travel_lodging	Strong	\$150 GBP 118
R-237	Premier Inn	Business Travel Lodging [S3] · SPEND f=0.2281 · 0.034 tC02e · Defra SIC 55 2023 Exact keyword: 'premier inn' → business_travel_lodging	Strong	\$150 GBP 118
R-266	SHELL STOURTON	Gasoline [S1] · SPEND f=1.438 · 0.201 tC02e · 97 L @ 1.136 GBP/L 2025-12 Notes inference: 'unleaded' → gasoline	Good	\$140 GBP 110
R-15	SHELL STOURTON	Gasoline [S1] · SPEND f=1.43 · 0.192 tC02e · 92 L @ 1.143 GBP/L 2025-01 Notes inference: 'unleaded' → gasoline	Good	\$134 GBP 106
R-36	SHELL STOURTON	Gasoline [S1] · SPEND f=1.409 · 0.188 tC02e · 90 L @ 1.160 GBP/L 2025-02 Notes inference: 'unleaded' → gasoline	Good	\$133 GBP 105
R-244	SHELL STOURTON	Gasoline [S1] · SPEND f=1.452 · 0.172 tC02e · 83 L @ 1.125 GBP/L 2025-11 Notes inference: 'unleaded' → gasoline	Good	\$119 GBP 93
R-107	SHELL STOURTON	Gasoline [S1] · SPEND f=1.481 · 0.174 tC02e · 84 L @ 1.103 GBP/L 2025-05 Notes inference: 'unleaded' → gasoline	Good	\$118 GBP 93
R-220	SHELL STOURTON	Gasoline [S1] · SPEND f=1.456 · 0.169 tC02e · 82 L @ 1.122 GBP/L 2025-10 Notes inference: 'unleaded' → gasoline	Good	\$116 GBP 92
R-197	SHELL STOURTON	Gasoline [S1] · SPEND f=1.463 · 0.162 tC02e · 78 L @ 1.117 GBP/L 2025-09 Notes inference: 'unleaded' → gasoline	Good	\$110 GBP 87

R-83	SHELL STOURTON	Gasoline [S1] · SPEND f=1.457 · 0.160 tC02e · 77 L @ 1.121 GBP/L 2025-04 Notes inference: 'unleaded' → gasoline	Good	\$110 GBP 86
R-129	SHELL STOURTON	Gasoline [S1] · SPEND f=1.487 · 0.157 tC02e · 76 L @ 1.099 GBP/L 2025-06 Notes inference: 'unleaded' → gasoline	Good	\$106 GBP 83
R-59	SHELL STOURTON	Gasoline [S1] · SPEND f=1.426 · 0.146 tC02e · 70 L @ 1.146 GBP/L 2025-03 Notes inference: 'unleaded' → gasoline	Good	\$102 GBP 81
R-173	SHELL STOURTON	Gasoline [S1] · SPEND f=1.461 · 0.140 tC02e · 67 L @ 1.119 GBP/L 2025-08 Notes inference: 'unleaded' → gasoline	Good	\$96 GBP 75
R-152	SHELL STOURTON	Gasoline [S1] · SPEND f=1.465 · 0.138 tC02e · 66 L @ 1.116 GBP/L 2025-07 Notes inference: 'unleaded' → gasoline	Good	\$94 GBP 74
R-16	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-37	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-60	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-84	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62

R-108	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-130	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-153	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-174	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-198	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-221	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
REF	VENDOR	CATEGORY	CONF.	USD
R-245	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62
R-267	Xero UK CANONICAL · XERO	Software Subscriptions [S3] · SPEND f=0.07472 · 0.006 tC02e · Defra SIC 58 2023 Exact keyword: 'xero' → software_subscriptions	Strong	\$79 GBP 62

* = outlier or missing vendor · Strong/Good/Review = vendor-match confidence · [S1/S2/S3] = scope tag · ACTIVITY / SPEND = factor class · FX rates: static (February 2026) · f= = emission factor applied · Resolved = identified by you, not by the engine