



Lee Valley Foods Ltd

Disclosure-Aligned · Scope 1, 2 & 3 Inventory

FY 2025 · REPORT ID c1b85587

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 Lee Valley Foods 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 FY 2025 INVENTORY

auditor brief

This report documents a footprint of 438.5 tCO₂e across the FY 2025 reporting period, covering 26.2% of the spend uploaded, decomposed and cited line by line in the pages that follow. Scope 1 (direct combustion) accounts for 52% of the total, driven principally by Natural Gas at 133.0 tCO₂e. Of 178 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, 28% 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	229.46	52%
S2	Scope 2 PURCHASED GRID ELECTRICITY, LOCATION-BASED FACTOR APPLIED	84.51	19%
S3	Scope 3 VALUE CHAIN · CLOUD · FREIGHT · TRAVEL · PURCHASED GOODS	124.50	28%

CLOSING BALANCE · FY TCO₂E

438.5 tCO₂e

§ 1.1 SCOPE 1 · DIRECT COMBUSTION

tCO2e by type

	CATEGORY	T CO ₂ E	SHARE
S1	Natural Gas SEAI KG CO ₂ /KWH, CO ₂ ONLY · PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	132.98	58%
S1	Diesel SEAI KG CO ₂ /L, CO ₂ ONLY · PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	87.75	38%
S1	Propane NAICS 324110 · LPG, STATIONARY COMBUSTION	8.73	4%

§ 1.2 SCOPE 2 · PURCHASED ENERGY

tCO2e by type

	CATEGORY	T CO ₂ E	SHARE
S2	Electricity SEAI 2025 PROVISIONAL · GRID ELECTRICITY, PRICED AT THE OFFICIAL PRICE FOR THE PERIOD	84.51	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	98.19	79%
	Food Manufacturing CEDA by Watershed · Open CEDA 2025 · IE	59.12	60%
	Paper Products CEDA by Watershed · Open CEDA 2025 · IE	16.07	16%
	Water Utility CEDA by Watershed · Open CEDA 2025 · IE	9.44	10%
	Plastics Rubber CEDA by Watershed · Open CEDA 2025 · IE	8.54	9%
	Staffing Agencies CEDA by Watershed · Open CEDA 2025 · IE	1.54	2%
	Architecture Engineering CEDA by Watershed · Open CEDA 2025 · IE	0.82	1%

	GHG CATEGORY / EMISSION TYPE	T CO ₂ E	SHARE
	Telecommunications CEDA by Watershed · Open CEDA 2025 · IE	0.65	1%
	Software Subscriptions CEDA by Watershed · Open CEDA 2025 · IE	0.54	1%
	Accounting Services CEDA by Watershed · Open CEDA 2025 · IE	0.36	0%
	Building Maintenance CEDA by Watershed · Open CEDA 2025 · IE	0.33	0%
	Office Supplies CEDA by Watershed · Open CEDA 2025 · IE	0.27	0%
	Restaurant Catering CEDA by Watershed · Open CEDA 2025 · IE	0.22	0%
	Legal Services CEDA by Watershed · Open CEDA 2025 · IE	0.19	0%
	Marketing Advertising CEDA by Watershed · Open CEDA 2025 · IE	0.10	0%
S3	CAT 5 · WASTE GENERATED IN OPERATIONS	8.13	7%
	Waste Disposal CEDA by Watershed · Open CEDA 2025 · IE	8.13	100%
S3	CAT 3 · FUEL- & ENERGY-RELATED ACTIVITIES (NOT INCLUDED IN SCOPE 1 OR SCOPE 2)	5.80	5%
	Electricity T&D losses EUROSTAT NRG_CB_E 2024 · IRELAND LOSSES 6.9% OF ELECTRICITY DELIVERED	5.80	100%
S3	CAT 4 · UPSTREAM TRANSPORTATION	5.40	4%
	Freight Shipping CEDA by Watershed · Open CEDA 2025 · IE	5.28	98%
	Courier Delivery CEDA by Watershed · Open CEDA 2025 · IE	0.12	2%

	GHG CATEGORY / EMISSION TYPE	T CO ₂ E	SHARE
S3	CAT 2 · CAPITAL GOODS	3.54	3%
	Equipment Purchases CEDA by Watershed · Open CEDA 2025 · IE	3.54	100%
S3	CAT 6 · BUSINESS TRAVEL	3.44	3%
	Business Travel Air CEDA by Watershed · Open CEDA 2025 · IE	3.22	94%
	Business Travel Ground CEDA by Watershed · Open CEDA 2025 · IE	0.13	4%
	Business Travel Lodging CEDA by Watershed · Open CEDA 2025 · IE	0.09	3%

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

kg CO₂e per USD

	CATEGORY	SPEND (USD)	FACTOR	T CO ₂ E
S1	Natural Gas	\$80,269	1.6566	132.98
S1	Diesel	\$48,974	1.7917	87.75
S1	Propane	\$4,147	2.1041	8.73
S2	Electricity	\$153,282	0.5513	84.51
S3	Water Utility	\$21,064	0.4482	9.44
S3	Waste Disposal	\$14,443	0.5626	8.13
S3	Telecommunications	\$5,314	0.1220	0.65
S3	Software Subscriptions	\$5,119	0.1061	0.54
S3	Food Manufacturing	\$214,026	0.2763	59.12
S3	Paper Products	\$43,954	0.3656	16.07
S3	Plastics Rubber	\$28,841	0.2960	8.54
S3	Building Maintenance	\$1,879	0.1763	0.33
S3	Courier Delivery	\$1,166	0.0996	0.12

	CATEGORY	SPEND (USD)	FACTOR	T CO ₂ E
S3	Freight Shipping	\$27,401	0.1928	5.28
S3	Business Travel Air	\$907	3.5446	3.22
S3	Architecture Engineering	\$7,992	0.1031	0.82
S3	Business Travel Lodging	\$778	0.1211	0.09
S3	Business Travel Ground	\$207	0.6326	0.13
S3	Office Supplies	\$1,123	0.2361	0.27
S3	Equipment Purchases	\$15,984	0.2214	3.54
S3	Accounting Services	\$8,424	0.0429	0.36
S3	Staffing Agencies	\$13,392	0.1153	1.54
S3	Marketing Advertising	\$972	0.1067	0.10
S3	Legal Services	\$3,024	0.0642	0.19
S3	Restaurant Catering	\$2,808	0.0779	0.22
TOTAL · CLASSIFIED SPEND		\$705,490		432.67

§ 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, SEAI 2025 provisional · 178.3 g CO₂/kWh, gross electricity supply (CO₂ only) 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 **178** classified rows (**0%**) used activity factors; **178** 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 SEAI 2025 provisional · 178.3 g CO₂/kWh, gross electricity supply (CO₂ only).

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 (European Commission Weekly Oil Bulletin, Eurostat nrg_pc_203 and Eurostat nrg_pc_205), 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 factors for your country's economy. Purchased goods and services are converted with Open CEDA factors for Ireland: kg CO₂e per US dollar spent with each industry, from a multi-regional input-output model that includes the upstream emissions of the imports that industry uses. Each category takes the CEDA sectors of what was bought, priced at purchaser prices of the year of the spend. A good bought directly from abroad is still priced as output of your country's economy. The factor and the CEDA release and country used are printed against each ledger row.

Spend-based emission factors for Ireland purchases: CEDA by Watershed. Source: Open CEDA 2025 by Watershed, accessed on 2026-09-29 from <https://registry.opendata.aws/open-ceda>, licensed under CC BY-SA 4.0 (<https://creativecommons.org/licenses/by-sa/4.0/>). Changes by aisustainablefuture.com: CEDA sectors averaged to our spend categories, with stores and wholesalers mapped to the goods they sell; converted from 2023 US dollars at producer prices to purchaser prices of the year of the spend (CEDA's latest index year for later spend), using CEDA's sector price index and, for sectors CEDA gives a trade margin (its purchaser-producer ratio), trade and transport margins priced at CEDA factors for the same country; spend converted to US dollars at the ECB reference rate for the month of each purchase (a fixed rate for a currency the ECB does not publish); a country value that is zero, or more than three times or less than a third of that country's usual level against its region, replaced by CEDA's regional average scaled to that level. The adapted factors in this report are licensed under CC BY-SA 4.0. Source data provided as is, without warranties. No endorsement by Watershed is implied.

Part of Scope 1 (propane, 4% of it) is still anchored to US fuel prices. The spend-based Scope 1 factors in this pack are kg CO₂e per dollar, derived as a published physical factor divided by a US retail price - \$3.50 a gallon for motor gasoline, \$4.00 for diesel, \$1.00 a therm for natural gas. Applying them to spend in a country with different fuel prices implies a quantity of fuel that is wrong by the ratio of the two prices, and the error runs the same way for every affected row. Where local fuel is dearer than in the US - which is most of Europe - this OVERSTATES your Scope 1, materially and outside the uncertainty band quoted above. The fix is exact and takes one number off your fuel invoice: enter litres, gallons, kWh or therms of fuel purchased rather than what you paid. The physical factors are combustion chemistry and do not vary by country, so a quantity gives a correct answer everywhere. Until then, treat that part of Scope 1 as an upper bound; the rest is priced at your country's official prices for the period.

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 EUR. 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 (**438.5** tCO₂e), the range is **263.1–613.9** 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 **238** line items, **178** were classified into Scope 1, 2 or 3; **60** were excluded as non-emission (payroll, tax, rent and similar). Of the spend uploaded, **26.2%** carries an emission factor, **73.9%** 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 238 date cells with majority-vote convention)

§ 3 DATA QUALITY · CONFIDENCE & PROVENANCE

rows classified

28% 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 100% of Scope 1 spend (3 distinct vendors total) - reduction effort concentrated on those three accounts has the highest leverage. **Note.** 42 of the 178 rows that carry a factor (24%) were matched on weaker evidence than a direct vendor hit (< 0.8). Common causes: partial vendor names, ambiguous expense categories, or contradictory vendor/category pairs. Cleaner vendor names or activity-data overrides would tighten these rows. Rows that could not be matched at all are a separate figure and are reported in § 2.1 as uncovered spend.

Classification method	GHG Protocol spend-based (automated)
Emission-factor source	Scope 1 and 2: SEAI 2025, priced at European Commission Weekly Oil Bulletin, Eurostat nrg_pc_203 and Eurostat nrg_pc_205; US EPA factors at US prices for propane, which has no price series here; Scope 3: CEDA by Watershed (Open CEDA 2025, CC BY-SA 4.0, adapted); factor pack v2.6.15-2026-10-05
Rows uploaded	238
Rows priced into the totals	178
High-confidence mappings	136
Items for review	42
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

178 of 238 rows

REF	VENDOR	CATEGORY	CONF.	USD
R-71	Rational Ireland	Equipment Purchases [S3] · SPEND f=0.2214 · 3.539 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'machinery' → equipment_purchases	Strong	\$15,984 EUR 14,800
R-82	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 7.620 tCO2e · 42,738 kWh @ 0.308 EUR/kWh 2025-05 Partial keyword: 'electricity' → electricity	Good	\$14,203 EUR 13,151
R-139	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 7.840 tCO2e · 43,970 kWh @ 0.291 EUR/kWh 2025-08 Partial keyword: 'electricity' → electricity	Good	\$13,843 EUR 12,817
R-38	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 7.242 tCO2e · 40,618 kWh @ 0.308 EUR/kWh 2025-03 Partial keyword: 'electricity' → electricity	Good	\$13,498 EUR 12,498
R-122	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 7.631 tCO2e · 42,799 kWh @ 0.291 EUR/kWh 2025-07 Partial keyword: 'electricity' → electricity	Good	\$13,474 EUR 12,476
R-61	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 6.981 tCO2e · 39,153 kWh @ 0.308 EUR/kWh 2025-04 Partial keyword: 'electricity' → electricity	Good	\$13,011 EUR 12,047
R-217	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 7.118 tCO2e · 39,921 kWh @ 0.291 EUR/kWh 2025-12 Partial keyword: 'electricity' → electricity	Good	\$12,568 EUR 11,637
R-158	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 7.059 tCO2e · 39,592 kWh @ 0.291 EUR/kWh 2025-09 Partial keyword: 'electricity' → electricity	Good	\$12,464 EUR 11,541
R-19	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 6.656 tCO2e · 37,330 kWh @ 0.308 EUR/kWh 2025-02 Partial keyword: 'electricity' → electricity	Good	\$12,405 EUR 11,486

R-4	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 6.549 tCO2e · 36,728 kWh @ 0.308 EUR/kWh 2025-01 Partial keyword: 'electricity' → electricity	Good	\$12,205 EUR 11,301
R-181	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 6.869 tCO2e · 38,522 kWh @ 0.291 EUR/kWh 2025-10 Partial keyword: 'electricity' → electricity	Good	\$12,128 EUR 11,229
R-99	Electric Ireland	Electricity [S2] · SPEND f=0.5365 · 6.432 tCO2e · 36,074 kWh @ 0.308 EUR/kWh 2025-06 Partial keyword: 'electricity' → electricity	Good	\$11,988 EUR 11,100
R-200	Electric Ireland	Electricity [S2] · SPEND f=0.5664 · 6.511 tCO2e · 36,515 kWh @ 0.291 EUR/kWh 2025-11 Partial keyword: 'electricity' → electricity	Good	\$11,496 EUR 10,644
R-170	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2872 · 3.196 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$11,130 EUR 10,305
R-11	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2534 · 2.690 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$10,616 EUR 9,830
R-29	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2549 · 2.628 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$10,311 EUR 9,547
R-90	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.276 · 2.781 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$10,075 EUR 9,329
R-230	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2866 · 2.846 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$9,930 EUR 9,194

R-208	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2829 · 2.672 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$9,443 EUR 8,743
R-30	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2549 · 2.363 tC02e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$9,272 EUR 8,586
R-149	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2847 · 2.633 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$9,247 EUR 8,562
R-72	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2745 · 2.475 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$9,018 EUR 8,350
R-209	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2829 · 2.541 tC02e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,981 EUR 8,316
R-111	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2819 · 2.528 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$8,968 EUR 8,304
R-50	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2645 · 2.355 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$8,904 EUR 8,244
R-150	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2847 · 2.527 tC02e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,875 EUR 8,218
R-130	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2858 · 2.524 tC02e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$8,833 EUR 8,178

R-219	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 13.792 tCO ₂ e · 75,162 kWh @ 0.107 EUR/kWh 2025-12 Partial keyword: 'gas' → natural_gas	Good	\$8,710 EUR 8,065
R-73	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2745 · 2.365 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,618 EUR 7,980
R-51	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2645 · 2.278 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,613 EUR 7,975
R-191	Odlums Flour CANONICAL · ODLUMS	Food Manufacturing [S3] · SPEND f=0.2847 · 2.423 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'odlums' (score 95): Flour milling	Strong	\$8,511 EUR 7,880
R-131	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2858 · 2.413 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,443 EUR 7,817
R-231	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2866 · 2.332 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,138 EUR 7,535
R-112	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2819 · 2.270 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$8,053 EUR 7,457
R-39	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 13.825 tCO ₂ e · 75,343 kWh @ 0.098 EUR/kWh 2025-03 Partial keyword: 'gas' → natural_gas	Good	\$7,974 EUR 7,384
R-171	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2872 · 2.279 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$7,938 EUR 7,350

R-21	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 12.987 tCO2e · 70,774 kWh @ 0.098 EUR/kWh 2025-02 Partial keyword: 'gas' → natural_gas	Good	\$7,491 EUR 6,936
R-192	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2847 · 2.131 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$7,485 EUR 6,931
R-91	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.276 · 2.062 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$7,471 EUR 6,917
R-201	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 11.635 tCO2e · 63,406 kWh @ 0.107 EUR/kWh 2025-11 Partial keyword: 'gas' → natural_gas	Good	\$7,348 EUR 6,803
REF	VENDOR	CATEGORY	CONF.	USD
R-183	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 11.599 tCO2e · 63,210 kWh @ 0.107 EUR/kWh 2025-10 Partial keyword: 'gas' → natural_gas	Good	\$7,325 EUR 6,782
R-5	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 12.523 tCO2e · 68,246 kWh @ 0.098 EUR/kWh 2025-01 Partial keyword: 'gas' → natural_gas	Good	\$7,223 EUR 6,688
R-12	Dairygold Food Ingredi CANONICAL · DAIRYGOLD	Food Manufacturing [S3] · SPEND f=0.2534 · 1.813 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dairygold' (score 95): Dairy ingredients	Strong	\$7,153 EUR 6,623
R-92	Hays Specialist Recrui	Staffing Agencies [S3] · SPEND f=0.1139 · 0.763 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'hays specialist recruitment' → staffing_agencies	Strong	\$6,696 EUR 6,200
R-210	Hays Specialist Recrui	Staffing Agencies [S3] · SPEND f=0.1167 · 0.782 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'hays specialist recruitment' → staffing_agencies	Strong	\$6,696 EUR 6,200

R-159	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 9.440 tCO2e · 51,445 kWh @ 0.107 EUR/kWh 2025-09 Partial keyword: 'gas' → natural_gas	Good	\$5,962 EUR 5,520
R-141	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 9.408 tCO2e · 51,271 kWh @ 0.107 EUR/kWh 2025-08 Partial keyword: 'gas' → natural_gas	Good	\$5,941 EUR 5,501
R-123	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.583 · 9.353 tCO2e · 50,968 kWh @ 0.107 EUR/kWh 2025-07 Partial keyword: 'gas' → natural_gas	Good	\$5,906 EUR 5,469
R-63	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 9.910 tCO2e · 54,007 kWh @ 0.098 EUR/kWh 2025-04 Partial keyword: 'gas' → natural_gas	Good	\$5,716 EUR 5,293
R-101	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 9.825 tCO2e · 53,541 kWh @ 0.098 EUR/kWh 2025-06 Partial keyword: 'gas' → natural_gas	Good	\$5,667 EUR 5,247
R-28	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1771 · 0.913 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$5,156 EUR 4,774
R-83	Bord Gais Energy	Natural Gas [S1] · SPEND f=1.734 · 8.679 tCO2e · 47,295 kWh @ 0.098 EUR/kWh 2025-05 Partial keyword: 'gas' → natural_gas	Good	\$5,006 EUR 4,635
R-190	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1978 · 0.986 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$4,985 EUR 4,616
R-148	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1979 · 0.961 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$4,857 EUR 4,498

R-160	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.843 · 8.858 tCO2e · 3,303 L @ 1.347 EUR/L 2025-09 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$4,807 EUR 4,451
R-202	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.807 · 8.617 tCO2e · 3,213 L @ 1.374 EUR/L 2025-11 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$4,768 EUR 4,415
R-124	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.795 · 7.921 tCO2e · 2,953 L @ 1.384 EUR/L 2025-07 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$4,413 EUR 4,086
R-109	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1959 · 0.861 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$4,397 EUR 4,072
R-84	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.839 · 7.807 tCO2e · 2,911 L @ 1.350 EUR/L 2025-05 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$4,246 EUR 3,931
R-89	Grant Thornton Cork CANONICAL · GRANT THORNTON	Accounting Services [S3] · SPEND f=0.04239 · 0.179 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'grant thornton' (score 95): Audit and tax firm	Strong	\$4,212 EUR 3,900
R-207	Grant Thornton Cork CANONICAL · GRANT THORNTON	Accounting Services [S3] · SPEND f=0.04345 · 0.183 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'grant thornton' (score 95): Audit and tax firm	Strong	\$4,212 EUR 3,900
R-76	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3632 · 1.527 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$4,205 EUR 3,894

R-40	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.735 · 7.120 tCO2e · 2,655 L @ 1.431 EUR/L 2025-03 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$4,103 EUR 3,799
R-70	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1908 · 0.782 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$4,098 EUR 3,795
R-194	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3767 · 1.533 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$4,069 EUR 3,768
R-22	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.706 · 6.667 tCO2e · 2,486 L @ 1.456 EUR/L 2025-02 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,908 EUR 3,618
R-227	Kerry Logistics CANONICAL · LOGISTICS	Freight Shipping [S3] · SPEND f=0.1992 · 0.778 tCO2e · CEDA by Watershed 2025 IE Exact keyword: 'logistics' → freight_shipping	Strong	\$3,906 EUR 3,617
R-142	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.795 · 6.956 tCO2e · 2,594 L @ 1.384 EUR/L 2025-08 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,876 EUR 3,589
R-6	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.754 · 6.782 tCO2e · 2,529 L @ 1.416 EUR/L 2025-01 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,866 EUR 3,580
R-93	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3653 · 1.407 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,853 EUR 3,568
R-184	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.831 · 6.966 tCO2e · 2,597 L @ 1.356 EUR/L 2025-10 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,803 EUR 3,521

R-133	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3782 · 1.435 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,794 EUR 3,513
R-220	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.748 · 6.632 tCO2e · 2,473 L @ 1.420 EUR/L 2025-12 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,793 EUR 3,512
R-102	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.847 · 6.923 tCO2e · 2,581 L @ 1.344 EUR/L 2025-06 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,747 EUR 3,470
R-152	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3767 · 1.407 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,736 EUR 3,459
R-32	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3372 · 1.244 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,689 EUR 3,416
R-13	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3353 · 1.227 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,659 EUR 3,388
R-64	CIRCLE K FUEL CARD CANONICAL · CIRCLE K FUEL	Diesel [S1] · SPEND f=1.783 · 6.496 tCO2e · 2,422 L @ 1.393 EUR/L 2025-04 Partial keyword: 'circle k fuel' → gasoline (the row says 'diesel')	Good	\$3,644 EUR 3,374
R-54	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.35 · 1.242 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,549 EUR 3,286

R-115	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.373 · 1.296 tC02e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,474 EUR 3,217
REF	VENDOR	CATEGORY	CONF.	USD
R-235	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3792 · 1.292 tC02e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,406 EUR 3,154
R-174	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.38 · 1.281 tC02e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,371 EUR 3,121
R-211	Smurfit Westrock Cork CANONICAL · SMURFIT WESTROCK	Paper Products [S3] · SPEND f=0.3744 · 1.179 tC02e · CEDA by Watershed 2025 IE Substring-match → 'smurfit westrock' (score 95): Corrugated packaging	Strong	\$3,148 EUR 2,915
R-132	Mason Hayes & Curran L CANONICAL · MASON HAYES & CURRAN	Legal Services [S3] · SPEND f=0.06424 · 0.194 tC02e · CEDA by Watershed 2025 IE Substring-match → 'mason hayes & curran' (score 95): Irish law firm	Strong	\$3,024 EUR 2,800
R-229	Ballymaloe House	Restaurant Catering [S3] · SPEND f=0.07792 · 0.219 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'entertainment' → restaurant_catering	Strong	\$2,808 EUR 2,600
R-134	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3063 · 0.791 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,581 EUR 2,390
R-55	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.2835 · 0.728 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,569 EUR 2,378

R-94	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.2959 · 0.753 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,546 EUR 2,358
R-175	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3078 · 0.768 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,494 EUR 2,309
R-33	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.2732 · 0.681 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,494 EUR 2,309
R-153	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3051 · 0.741 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,428 EUR 2,248
R-14	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.2716 · 0.654 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,407 EUR 2,229
R-116	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3021 · 0.727 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,407 EUR 2,228
R-77	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.2942 · 0.682 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,319 EUR 2,147
R-212	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3033 · 0.702 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,313 EUR 2,142

R-195	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3051 · 0.673 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,207 EUR 2,044
R-236	Coveris Flexibles Irel CANONICAL · COVERIS	Plastics Rubber [S3] · SPEND f=0.3072 · 0.638 tC02e · CEDA by Watershed 2025 IE Substring-match → 'coveris' (score 95): Flexible plastic packaging	Strong	\$2,076 EUR 1,922
R-47	Eurofins Food Testing CANONICAL · EUROFINS	Architecture Engineering [S3] · SPEND f=0.09735 · 0.195 tC02e · CEDA by Watershed 2025 IE Substring-match → 'eurofins' (score 95): Testing laboratories (NAICS 541	Strong	\$1,998 EUR 1,850
R-110	Eurofins Food Testing CANONICAL · EUROFINS	Architecture Engineering [S3] · SPEND f=0.1037 · 0.207 tC02e · CEDA by Watershed 2025 IE Substring-match → 'eurofins' (score 95): Testing laboratories (NAICS 541	Strong	\$1,998 EUR 1,850
R-167	Eurofins Food Testing CANONICAL · EUROFINS	Architecture Engineering [S3] · SPEND f=0.1057 · 0.211 tC02e · CEDA by Watershed 2025 IE Substring-match → 'eurofins' (score 95): Testing laboratories (NAICS 541	Strong	\$1,998 EUR 1,850
R-228	Eurofins Food Testing CANONICAL · EUROFINS	Architecture Engineering [S3] · SPEND f=0.1055 · 0.211 tC02e · CEDA by Watershed 2025 IE Substring-match → 'eurofins' (score 95): Testing laboratories (NAICS 541	Strong	\$1,998 EUR 1,850
R-85	Uisce Eireann	Water Utility [S3] · SPEND f=0.4473 · 0.821 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,835 EUR 1,699
R-105	Uisce Eireann	Water Utility [S3] · SPEND f=0.4568 · 0.836 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,831 EUR 1,695
R-186	Uisce Eireann	Water Utility [S3] · SPEND f=0.4613 · 0.840 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,820 EUR 1,685

R-125	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4631 \cdot 0.837 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,807 EUR 1,673
R-223	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4644 \cdot 0.837 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,802 EUR 1,668
R-43	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4286 \cdot 0.767 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,790 EUR 1,657
R-203	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4585 \cdot 0.812 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,770 EUR 1,639
R-66	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4448 \cdot 0.784 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,762 EUR 1,632
R-7	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4106 \cdot 0.712 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,733 EUR 1,605
R-144	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4613 \cdot 0.761 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,650 EUR 1,528
R-163	Uisce Eireann	Water Utility [S3] · SPEND $f=0.4653 \cdot 0.766 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,647 EUR 1,525
R-24	Uisce Eireann	Water Utility [S3] · SPEND $f=0.413 \cdot 0.667 \text{ tCO}_2\text{e} \cdot \text{CEDA}$ by Watershed 2025 IE Exact keyword: 'uisce eireann' → water_utility	Strong	\$1,616 EUR 1,496

R-187	Greenstar	Waste Disposal [S3] · SPEND f=0.5788 · 0.761 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,315 EUR 1,218
R-145	Greenstar	Waste Disposal [S3] · SPEND f=0.5789 · 0.734 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,268 EUR 1,174
R-164	Greenstar	Waste Disposal [S3] · SPEND f=0.5839 · 0.738 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,264 EUR 1,171
R-204	Greenstar	Waste Disposal [S3] · SPEND f=0.5753 · 0.717 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,246 EUR 1,154
R-106	Greenstar	Waste Disposal [S3] · SPEND f=0.5731 · 0.707 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,233 EUR 1,141
R-44	Greenstar	Waste Disposal [S3] · SPEND f=0.5378 · 0.659 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,226 EUR 1,135
R-67	Greenstar	Waste Disposal [S3] · SPEND f=0.5581 · 0.665 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,191 EUR 1,103
REF	VENDOR	CATEGORY	CONF.	USD
R-8	Greenstar	Waste Disposal [S3] · SPEND f=0.5153 · 0.602 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,169 EUR 1,082
R-126	Greenstar	Waste Disposal [S3] · SPEND f=0.5811 · 0.665 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,144 EUR 1,059

R-224	Greenstar	Waste Disposal [S3] · SPEND f=0.5827 · 0.665 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,141 EUR 1,057
R-86	Greenstar	Waste Disposal [S3] · SPEND f=0.5613 · 0.636 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,133 EUR 1,049
R-25	Greenstar	Waste Disposal [S3] · SPEND f=0.5182 · 0.577 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'greenstar' → waste_disposal	Strong	\$1,113 EUR 1,030
R-129	Meta Platforms Ireland	Marketing Advertising [S3] · SPEND f=0.1067 · 0.104 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'advertising' → marketing_advertising	Strong	\$972 EUR 900
R-31	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640
R-74	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640
R-113	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640
R-151	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640
R-193	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640
R-232	Flogas Natural Gas	Propane [S1] · SPEND f=2.104 · 1.454 tC02e Partial keyword: 'lpg cylinders' → propane	Good	\$691 EUR 640

R-42	Aer Lingus	Business Travel Air [S3] · SPEND f=3.399 · 1.542 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'aer lingus' → business_travel_air	Strong	\$454 EUR 420
R-162	Aer Lingus	Business Travel Air [S3] · SPEND f=3.69 · 1.674 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'aer lingus' → business_travel_air	Strong	\$454 EUR 420
R-9	eir Business	Telecommunications [S3] · SPEND f=0.1119 · 0.050 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-26	eir Business	Telecommunications [S3] · SPEND f=0.1125 · 0.050 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-45	eir Business	Telecommunications [S3] · SPEND f=0.1167 · 0.052 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-68	eir Business	Telecommunications [S3] · SPEND f=0.1211 · 0.054 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-87	eir Business	Telecommunications [S3] · SPEND f=0.1218 · 0.054 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-107	eir Business	Telecommunications [S3] · SPEND f=0.1244 · 0.055 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-127	eir Business	Telecommunications [S3] · SPEND f=0.1261 · 0.056 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410

R-146	eir Business	Telecommunications [S3] · SPEND f=0.1257 · 0.056 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-165	eir Business	Telecommunications [S3] · SPEND f=0.1267 · 0.056 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-188	eir Business	Telecommunications [S3] · SPEND f=0.1256 · 0.056 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-205	eir Business	Telecommunications [S3] · SPEND f=0.1249 · 0.055 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-225	eir Business	Telecommunications [S3] · SPEND f=0.1265 · 0.056 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'eir business' → telecommunications	Strong	\$443 EUR 410
R-10	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.09723 · 0.041 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$427 EUR 395
R-27	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.09779 · 0.042 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$427 EUR 395
R-46	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1015 · 0.043 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$427 EUR 395
R-69	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1053 · 0.045 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az	Strong	\$427 EUR 395

R-88	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1059 · 0.045 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-108	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1082 · 0.046 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-128	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1097 · 0.047 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-147	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1092 · 0.047 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-166	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1102 · 0.047 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-189	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1092 · 0.047 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-206	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.1086 · 0.046 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395
R-226	Microsoft Ireland CANONICAL · MICROSOFT	Software Subscriptions [S3] · SPEND f=0.11 · 0.047 tC02e · CEDA by Watershed 2025 IE Substring-match → 'microsoft' (score 95): Microsoft licences and 365 (Az)	Strong	\$427 EUR 395

R-48	The Clayton Hotel CANONICAL · HOTEL	Business Travel Lodging [S3] · SPEND f=0.1161 · 0.045 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'hotel' → business_travel_lodging	Strong	\$389 EUR 360
R-168	The Clayton Hotel CANONICAL · HOTEL	Business Travel Lodging [S3] · SPEND f=0.1261 · 0.049 tC02e · CEDA by Watershed 2025 IE Exact keyword: 'hotel' → business_travel_lodging	Strong	\$389 EUR 360
REF	VENDOR	CATEGORY	CONF.	USD
R-20	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1617 · 0.051 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290
R-62	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1741 · 0.055 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290
R-100	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1788 · 0.056 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290
R-140	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1806 · 0.057 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290
R-182	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1806 · 0.057 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290
R-218	Rentokil Initial CANONICAL · RENTOKIL	Building Maintenance [S3] · SPEND f=0.1818 · 0.057 tC02e · CEDA by Watershed 2025 IE Substring-match → 'rentokil' (score 95): Pest control and hygiene servic	Strong	\$313 EUR 290

R-57	Lyreco Ireland CANONICAL · LYRECO	Office Supplies [S3] · SPEND f=0.223 · 0.063 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'lyreco' (score 95): Office supplies	Strong	\$281 EUR 260
R-118	Lyreco Ireland CANONICAL · LYRECO	Office Supplies [S3] · SPEND f=0.2377 · 0.067 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'lyreco' (score 95): Office supplies	Strong	\$281 EUR 260
R-177	Lyreco Ireland CANONICAL · LYRECO	Office Supplies [S3] · SPEND f=0.2421 · 0.068 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'lyreco' (score 95): Office supplies	Strong	\$281 EUR 260
R-238	Lyreco Ireland CANONICAL · LYRECO	Office Supplies [S3] · SPEND f=0.2416 · 0.068 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'lyreco' (score 95): Office supplies	Strong	\$281 EUR 260
R-23	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.09133 · 0.018 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180
R-65	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.09836 · 0.019 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180
R-103	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.101 · 0.020 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180
R-143	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.102 · 0.020 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180
R-185	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.102 · 0.020 tCO2e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180

R-221	DPD Ireland CANONICAL · DPD	Courier Delivery [S3] · SPEND f=0.1027 · 0.020 tCO ₂ e · CEDA by Watershed 2025 IE Substring-match → 'dpd' (score 95): European courier	Strong	\$194 EUR 180
R-49	Iarnrod Eireann	Business Travel Ground [S3] · SPEND f=0.6066 · 0.063 tCO ₂ e · CEDA by Watershed 2025 IE Exact keyword: 'iarnrod eireann' → business_travel_ground	Strong	\$104 EUR 96
R-169	Iarnrod Eireann	Business Travel Ground [S3] · SPEND f=0.6586 · 0.068 tCO ₂ e · CEDA by Watershed 2025 IE Exact keyword: 'iarnrod eireann' → business_travel_ground	Strong	\$104 EUR 96

* = 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