



ValueFabric

SPEND CATEGORIZATION REPORT

Procurement *Categorization.*

● EU Utilities Materials — Energy & Utilities · Power

EU utilities materials — Energy & Utilities — Power’s 200,000 transactions totaling \$56.84B have been categorized using the UNSPSC taxonomy. 100.0% of transactions representing 100.0% of spend have been classified across 16 categories from 179 unique suppliers.

Sample pages from the full 16-page Procurement Categorization report.

DATASET	TAXONOMY	GENERATED	REPORT ID
EU Utilities Materials	UNSPSC — Energy & Utilities	March 23, 2026	VF-PC-EU-POWER-001

EXECUTIVE SUMMARY

Purpose, measurement and why it matters

TOTAL ADDRESSABLE SPEND	CATEGORIZATION RATE	CATEGORIES IDENTIFIED	UNIQUE SUPPLIERS
\$56.84B	100.0%	16	179
200,000 TRANSACTIONS	EXCELLENT	UNSPSC FAMILY (L2)	NAME-NORMALIZED

PURPOSE

EU utilities materials — Energy & Utilities — Power’s 200,000 transactions totaling \$56.84B have been categorized using the UNSPSC taxonomy. 100.0% of transactions representing 100.0% of spend have been classified across 16 categories from 179 unique suppliers.

WHAT THE CATEGORIZATION MEASURES

The classification framework used to categorize your procurement spend data. Taxonomy applied: UNSPSC — 48 L1 groups, 151 L2 categories, 460 L3 sub-categories and 252 L4 items. Focused coverage: your data mapped to 16 of 151 available L2 categories (10.6%), which indicates a focused spend profile concentrated in a subset of categories. Alongside coverage, the report assesses source data quality and field mapping, classification method and confidence, category distribution, original vs. normalized labels, supplier concentration and dimensional coverage across cost center, GL code, location and project.

WHY IT MATTERS

Top 5 categories account for 91% of total spend — Electrical wire and cable and harness, Electrical equipment and components and supplies, and Transport services are the dominant spend areas. Balanced supplier distribution: top 10 suppliers account for 46% of spend — a healthy concentration level. Excellent data quality: 100.0% categorization rate achieved. The dataset is ready for system import with minimal manual review.

Figures shown throughout are from an anonymized sample engagement.

SAMPLE FINDINGS

Data quality, coverage and findings

EXAMPLE SCORECARD — CATEGORIZATION RATE AND FIELD COVERAGE

OVERALL CATEGORIZATION RATE		100%
SUPPLIER / VENDOR (CRITICAL)		100%
DESCRIPTION (CRITICAL)		100%
AMOUNT (CRITICAL)		100%
PROJECT CODE		80%
PO NUMBER		75%
COMPANY CODE		0%
PLANT / SITE		0%

EXAMPLE INSIGHTS — TOP 6 OF 16 CATEGORIES BY SPEND

# CATEGORY (UNSPSC L2)	SPEND	% OF TOTAL	TRANSACTIONS	SUPPLIERS
1 · Electrical wire and cable and harness	\$36.97B	65.0%	50,591	95
2 · Electrical equipment and components and supplies	\$10.49B	18.4%	55,800	93
3 · Transport services	\$1.54B	2.7%	12,042	87
4 · Software	\$1.32B	2.3%	5,441	48
5 · Concrete and cement and plaster	\$1.13B	2.0%	10,571	52
6 · Fuels	\$976.9M	1.7%	2,868	29

EXAMPLE STRENGTHS

- Excellent data quality: 100.0% categorization rate — 199,999 of 200,000 transactions categorized; ready for system import with minimal manual review.
- Both description and supplier fields have excellent coverage, enabling precise multi-signal categorization combining text analysis, supplier matching, and AI classification.
- Balanced supplier distribution: top 5 suppliers 23%, top 10 46% and top 15 68% of spend — a healthy concentration level.

EXAMPLE RISKS & REVIEW FLAGS

- Uncategorized spotlight: 1 row is uncategorized, representing \$82K in spend (Omexom, 100.0% of uncategorized spend) — a target for data enrichment.
- Company Code and Plant / Site coverage are 0%, PO Number 75% and Project Code 80%.
- Classification methods: Other covers 190,257 transactions (95.1%, \$55.78B, Low confidence); AI Classification 9,742 transactions (4.9%, \$1.05B, Moderate confidence).
- Concentration: 2 of 16 categories account for 80% of spend; the tail is 7 categories under 1% each (\$1.82B).
- Benchmark comparison shows reference categories under-indexed against Power (Energy & Utilities) patterns — Grid Infrastructure -22.0pp, Maintenance & Repair Services -15.0pp. Directional estimates only.

SAMPLE RECOMMENDATIONS

What to do next, priority and sequencing

TYPICAL ACTIONS — THREE RECOMMENDED ACTIONS TO MAXIMIZE THE VALUE OF YOUR CATEGORIZED SPEND DATA

RECOMMENDED ACTION	WHAT IT INVOLVES
01 · Review & Validate	1 row is uncategorized, representing \$82K in spend. This is listed in the Uncategorized Items tab of the Excel workbook. For the full review list, filter the CSV by is_review_recommended=TRUE.
02 · Import to Your Systems	Your CSV export is formatted for direct import into ERP and P2P platforms. The vc_l2_name column is the authoritative category. The vc_l4_code column contains the 8-digit UNSPSC commodity code for Ariba/SAP integration.
03 · Take it to Procurement Insights	Your spend is now clean and categorized. If you use ValueFabric Procurement Insights, your categorized CSV is ready for direct upload — it will serve as the data foundation for category benchmarking, supplier consolidation analysis, and savings opportunity identification.

SEQUENCING — DATA PROCESSING METHODOLOGY

PROCESSING STEP	WHAT HAPPENS
01 File Ingestion	Source files parsed with field intelligence to automatically detect and map column headers to standard procurement fields.
02 Data Normalization	Amounts converted to reporting currency, vendor names standardized, dates parsed to ISO format.
03 Multi-Pass Categorization	Four-stage classification waterfall — Direct L2 Match (98%) → Keyword Mapping (90–95%) → Supplier Lookup (80–85%) → Gemini AI Classification (70–80%).
04 Spend Type Assignment	Each category classified as Direct (goods/services consumed in production) or Indirect (operational overhead) based on industry-specific taxonomy rules.
05 Quality Validation	Duplicate detection, amount outlier flagging, and categorization confidence scoring applied to all rows.

Classification priority order: Direct Match (98%) → Keyword/Rule Match (90–95%) → Supplier Lookup (80–90%) → AI Classification (70–85%) → Uncategorized.

REVIEW GUARDRAILS — CONFIDENCE SCORING

- **HIGH ≥ 0.80.** Reliable — matched via supplier dictionary, keyword rules or high-confidence AI. Safe for system import without review.
- **MEDIUM 0.60 – 0.79.** Likely correct but may benefit from spot-checking. Review transactions over \$10K before import.
- **LOW < 0.60.** Uncertain — matched via description patterns with limited signal. Human review recommended.
- **UNCATEGORIZED.** No classification could be assigned. Manual categorization required.

THE COMPLETE REPORT

What the full 16-page report contains

- **Executive summary.** Headline metrics, spend composition and key findings.
- **What you received.** Three deliverables — CSV transaction data feed, Excel analyst decision pack and this executive narrative — and what to use each one for.
- **Taxonomy and classification framework.** UNSPSC structure and taxonomy coverage.
- **Data foundation and field mapping.** Field-by-field coverage and data quality impact.
- **Categorization quality and confidence.** Classification methods, confidence and the uncategorized spotlight.
- **Category distribution.** Top 10 categories by spend at UNSPSC Family (L2) level.
- **Category comparison.** Original vs. normalized labels — top 25 mappings by spend.
- **Category deep-dive.** Spend weight, transaction patterns and supplier base per top category.
- **Spend analysis.** Monthly spend trend, category and supplier concentration, transaction size distribution.
- **Supplier intelligence.** Concentration and the top 15 suppliers by spend.
- **Dimensional coverage analysis.** Cost center, GL code, location and project views.
- **Industry benchmark comparison.** Expected vs. actual spend allocation and deltas.
- **What to do next.** Three recommended actions for review, system import and Procurement Insights.
- **Appendix.** Source documents, data processing methodology, deliverables, glossary and confidence scoring.

NEXT STEP

To receive the full Procurement Categorization report for your organisation — or to schedule an assessment — get in touch with the ValueFabric team.

→ [Request the full report](#)

→ [Schedule an assessment](#)

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