

Scenario Description

You work for the Sourcing / Procurement department at GE Power Conversion. Your task is to build a presentable dashboard to monitor:

- Sourcing performance through KPI's (Number of suppliers, Spend, etc.)
- Procurement performance through KPI's (Number of PO placed, OTD, etc.)
- Follow the spend per segment / per project / cost center / etc.
- Ensure operational work with follow-up of orders / highlight late deliveries / etc.
- Display information about our suppliers

The goal is to translate raw SAP and HQ data into usable intelligence that helps the team make data-driven decisions and improve operational efficiency.

Every aspect covered in the training will be tackled in this exercise: Good luck!

Data Sources

- 2506 Approved Vendor List: A list coming from PC HQ giving global informations about suppliers for all PC P&L's.
Key informations are the strategy to adopt, its contact and its classification (direct / indirect / commodity).
- CN42N: A list of all projects in SAP with their OTP, name, project managers and key dates.
- KS13: A list of all the cost centers (and history) in SAP.
Here we'll only focus on the cost centers designations.
- MKVZ_FR10_001: A list of all our suppliers in SAP.
Informations might differ from HQ guidance, and this database also contains the former and inactive suppliers.
- Y_BA1_30000124_001: List of all placed Purchase Orders to our suppliers since 2020 for FR10 plant.
This will be the main data file for your dashboard and will allow you to compute your main indicators (Spend, OTD, etc.)

Expected outcome

Your dashboard should include at least 3 pages, each addressing a specific business need:

a. Page 1 – Sourcing & Procurement Performance Overview

Purpose: Enable leadership and buyers to monitor sourcing strategy, procurement efficiency, and financial performance.

Suggested KPIs (non-exhaustive list !)

KPI Name	Description
Total Spend (EUR)	Sum of PO line amounts, converted into EUR
Number of POs Placed	Count of unique PO references
Average PO Value	Average amount per PO
Number of Active Suppliers	Suppliers with transactions in the selected period
Average Time from PO Creation to Confirmation	Days between PO date and supplier confirmation

Visuals

KPI (or static) Cards with dynamic indicators (trend up/down)

Pie chart / Stacked: Spend by Business Level 1 + Business Level 2

Line chart: Monthly spend trend by year

Table / Bar chart: Top suppliers (Spend)

Table / Bar chart: Top projects / imputations (Spend)

b. Page 2 – OTD & Operational Follow-up

Purpose: Allow procurement to track supplier delivery performance, detect risks, and escalate delivery or invoice issues.

Suggested KPIs

KPI Name	Description
On-Time Delivery Rate (%)	Share of lines delivered on or before need date
Average Delivery Delay (Days)	Avg. days between confirmed vs. actual delivery
Number of Late Deliveries	Lines with delivery after confirmed date
% of Open POs	POs that are awaiting full delivery or invoicing
% of POs with Supplier Acknowledgment	Share of POs acknowledged by supplier
% of Fully Invoiced POs	Lines where invoiced qty = delivered qty
Invoice Delay	Days between delivery and invoice date
% of Orders Missing Confirmation	POs with no supplier confirmation

Visuals

KPI : OTD target vs. actual

Bar chart: Top 10 suppliers by average delay

Table: List of late POs (sortable by delay, amount, etc.)

Line chart: Monthly delivery performance over time

c. Page 3 – Supplier Profile & Segmentation

Purpose: Assess supplier diversity, mapping and repartition of the spend, and allow to have in one page the overview of a supplier's performance and information.

Suggested KPIs

KPI Name	Description
Number of Suppliers	Total suppliers in use
Number of Strategic Suppliers	As defined in HQ vendor list
% of Spend with Strategic Suppliers	Portion of spend aligned to sourcing strategy
% of inactive suppliers	Share of inactive vendors in our panel
Number of countries represented	Geographic reach of supply base

Visuals

Map: Supplier distribution by country with total spend overlay

Bar chart: Supplier count and spend by classification

Matrix: Strategic alignment × Spend

Table / Multi row card : Supplier fact sheet with strategy, region, segment, etc.

Appendix : List of Y_BA1_30000124_001 fields

Statut Livr.	Delivery status of the PO Line
Statut Fact.	Invoicing status of the PO Line
Doc achat	PO Reference
Poste	Line Reference
Article	Article code used for each PO line
Désignation	Designation of the item
Fourn.	Supplier ID
Nom 1	Supplier Name
GAc	Purchasing group (e.g. buyer)
Désignation	Name of the buyer
Grpe march.	Material group of article code
Date de commande	PO Date
Dte Livr. Ddée	GE Need Date
Statistiques Date de livraison	Expected delivery date
Dte Livr. Conf.	Confirmed delivery date by the supplier
Dte A/R	Date at which the supplier acknowledged our order
Dte Livr.Effect	Effective delivery date to destination
Div.	Division (Belfort / Massy / Palaiseau)
Qté commandée	Ordered quantity
Qté reçue	Delivered quantity
Qté à recevoir	Leftover quantity
Montant poste	PO Line amount in PO currency
Montant facturé	Invoiced amount by the supplier
Date de la facture	Supplier's Invoice date
Mnt à facturer	Leftover to invoice amount
Dev.	PO Currency
Crs	Exchange rate from EUR / PO Currency
Typ.Imp	Imputation type (Project / Cost Center / etc.)
Imputation	WBS Element (OTP / Cost Center / etc.)
Nom Sté Livraison	Delivery consignee
Rue livraison	Delivery street
Ville livraison	Delivery city
P.	Delivery country
Demandeur	Requestor of PO
CPmt	Payment terms
Propre explication	Designation of payment terms
DomA	Activity domain (e.g. Marine / O&G / etc.)
Ctre prof.	Profit center
Créé par	Created by
Nom complet	Created by
Vendor country	Country of the supplier
Segment	Segment: EQ / SVC + IPWW / Marine / O&G
Business Level 1	Systems / Manufacturing / Indirect
Business Level 2	BOP / Services

