

SCREEN - Pack. Purchasing analysis

SCREEN - Purchasing analysis

>> Back to the [SCREEN - Logistics & Packaging](#) home page



The aim of Purchasing query is to provide users with a transversal view in qty/value of Packaging Materials purchasing in WP1 and PF1 at following steps:

- [Agreements & Info Records](#)
- [Orders](#)
- [Good Receipt \(GR\)](#)
- [Invoice Receipt \(IR\)](#)

It mainly includes [Purchase orders data](#) (with Creation date greater than 01.2018)

- Packaging items are filtered according to Material Valuation Class: WP1 Z110 (GL Account 31000300) and PF1 Z051 (2110110000)



PO items w/o a Material (i.e. only assigned to a Material Group) are excluded from the report

- Both PO items for stock entry (see Acct Assignment Category #) and PO items assigned to a CO object like a Cost Center, a Maint. Order... (see <> #) are taken into accounts
- Additional Delivery costs are included in GRs/IRs valuation

It also includes [FIGL data](#):

- Consignment GRs/IRs w/o a PO (with a Posting date greater than 01.2018)
=> Same filter based on Material Val. Class in KOS/KBS FI items (see accounts WP1 40100380 / PF1 2320000000)
- Price diff. on GRs/IRs (with a Posting date greater than 01.2018) - To get Standard values in addition with POs values
=> Same filter based on Material Val. Class in PRD/AKO FI items (see accounts WP1 98151982 / PF1 6091311100)

[Data update](#)

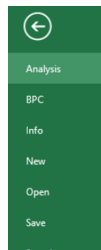
- Purchase orders data: once a day in the morning (French time)
=> Sources are the same than the ones used in [SPRINT - Solvay Purchasing Reporting INTelligence](#)
- FI data: at least 3 times a day

Access the workbook

The workbook to be used is **BW_WBK_SCORE_0002 – Pack. Purchasing analysis (Core Workbook)**

=> Go to Analysis for Office in excel

=> Click "Open Workbook"



Analysis



Open Data Source
Open a data source in the default workbook



Open Workbook
Open a workbook from a Platform

Run the workbook

It is mandatory to enter:

- Conso view (2) : enter 1 to apply the legal entity

consolidation rate or **0** not to take the consolidation rate into consideration

- Calendar Month/Year (3) : MM.YYYY : Document fiscal period (Purchase order creation date / Goods Receipt posting date / Invoice Receipt posting date)

It is also possible to enter:

- a Company Code (4)
- a Plant (5)
- a PRS Company code (6)
- Target Curr. for conversion (7) : the exchange rate used is **CA R3** (same as **SPRINT - Solvay Purchasing Reporting INTelligence**)
- BFC GBU (8)

Click "OK"

The screenshot shows the SAP purchase order creation form. Numbered callouts indicate the following fields: 1. Auth. scope based on Comp. Code (SOLVAY), 2. * Conso. view? (0), 3. * Calendar Month/Year (01.2018 to 12.2021), 4. Company Code (0245), 5. Plant (8090), 6. PRS Company code, 7. Target Curr. for conversion, and 8. 1 - BFC GBU.

The report is displayed with :

- The company code
- The Plant
- PO Nb & PO Item (=Purchase order)
- The list of materials
- [Agreements & Info Records](#)
- [Ordered](#)
- [Goods receipt](#)
- [Invoice receipt](#)

The table displays purchase order details. Callouts 1-8 correspond to the fields in the list above: 1. PO Nb, 2. PO Item, 3. Material, 4. Agreement Unit Price, 5. InfoRecord Unit Price, 6. Target curr., 7. Unit Price, and 8. Target curr.

Agreements & Info Records

- Agreement Unit price (in local & target currency)
- Info record Unit price (in local & target currency)

PO Nb	PO Item	Material	Agreement Unit Price	InfoRecord Unit Price	Target curr.	Target curr.
4503216613	10	1060793	27,22	21,10	27,22	21,10



Not all Purchase orders are created with reference to an Agreement/InfoRecord

Where to find corresponding data in SAP ?

Display the Purchase order with **ME23N** - [Display Purchase Order](#). In the header:

- Double click on "Outline agreement" to display Contract (= transaction ME33K - Display Contract)

The screenshot shows the SAP purchase order header. Callout 1 points to the 'Info rec.' field (S300012893) and callout 2 points to the 'Outline agreement' field (4700001414).

The screenshot shows the SAP contract display for item 00030. Callout 1 points to the 'Date' field (31.12.9999) in the 'Net Order Price' row.

Quantity and Price	Target Qty	Unit	Net Order Price	EUR	RelOrdQty.	Date
Target Qty	0	PC	27,22	EUR	276	31.12.9999
Net Order Price	27,22	EUR	/	1	PC	31.12.9999
Qty Conversion	1	PC	<->	1	PC	InfoUpdate

2. Double click on "Info rec." to display Info Record (= transaction ME13 - Display Info Record)

Ordered

1. **PO Qty:** Ordered qty in PO UoM & in Material base UoM
2. **PO value:** Ordered value in PO Currency & in Local (Company code) currency or in any Target currency if entered in prompt
3. **PO Unit Price:** Ordered value in Local curr. / Ordered qty in PO UoM & Ordered value in target curr. / Ordered qty in PO UoM

PO No.	PO Item	Material	PO Qty PO UoM	PO Qty Base UoM	PO Value PO Curr.	PO Value Loc./Target Curr.	PO Unit Price (PO UoM) local Curr.	PO Unit Price (PO UoM) Target Curr.
4503216613	10	1060793	276	276	4.482,24	4.482,24	16,24	16,24

Where to find corresponding data in SAP ?

Display the Purchase order with **ME23N - Display Purchase Order**. In the header, the PO Qty (1) & PO Unit Price (3) can be displayed.

★ PO UoM vs Material base UoM

- **PO UoM** = Unit of measure maintained in the Purchase order
- **Material base UoM** = Unit of measure maintained in the Material master data (**MM03 - Display Material - Purchasing view**)

Goods Receipt

1. **GR qty:** Quantity received in PO UoM & in Material base UoM
2. **GR value:** Value of goods received in PO Currency & in Local (Company code) currency or any Target currency if entered in prompt
3. **GR unit price:** GR value in Local curr. / GR qty in PO UoM & GR value in Local /Target curr. / GR qty in PO UoM
4. **GR Price diff.:** difference between GR value and standard value \star of stock entry, in PO & Local or Target curr., when posted in GR doc.

\star Standard value = GR qty * Material standard price

GR Qty PO UoM	GR Qty Base UoM	GR Value PO Curr.	GR Value Loc./Target Curr.	GR Unit Price (PO UoM) Local Curr.	GR Unit Price (PO UoM) Target Curr.	GR Price diff. Doc. Curr.	GR Price diff. Loc./Target Curr.
276	276	4.482,24	4.482,24	16,24	16,24	EUR	EUR

Where to find corresponding data in SAP ?

Display the Purchase order with **ME23N** - Display Purchase Order & open the tab "Purchase Order History" to see the goods receipt.

Sh. Text	MvT	Posting Date	Entry Date	Material Doc.	Quantity	UoM	Stk.Amt.	In loc.curr.	Crty	Amount	Delivery	Time of Ent.
GR		101	22.01.2018	5020897677	276	PC		4.482,24	EUR	4.482,24	0	09:26:39
Tr./Ev.		30.04.2018	30.04.2018	5113047398	276	PC		4.517,57	EUR	4.517,57	0	14:37:10

Consignment

There are specific indicators to follow-up consignment:

1. **GR Consign. qty:** in Material base UoM
2. **GR Consign. value:** in Doc. Curr. & in Local (Company code) curr. or any Target curr. if entered in prompt
3. **GR unit price:** GR Consign. value in Doc. curr. / GR Consign. qty in base UoM & GR Consign. value in Local /Target curr. / GR Consign. qty in base UoM
4. **GR Price diff.:** difference between GR Consign. value and standard value of stock entry, in Doc. & Local or Target curr.

GR Consign. Qty Base UoM	GR Consign. Value Doc. Curr.	GR Consign. Value Loc./Target Curr.	GR Unit Price (PO UoM) Local Curr.	GR Unit Price (PO UoM) Target Curr.	GR Price diff. Doc. Curr.	GR Price diff. Loc./Target Curr.
74	7.747,95	7.747,95	105,30	105,30	EUR	EUR

i GR Unit Price & Price diff. columns/ratios are the same for both standard and consignment GR

Invoice Receipt

1. **IR qty:** Invoice receipt in PO UoM & in Material base UoM
2. **IR value:** Invoice receipt in PO Currency & in Local (Company code) currency or any Target currency if entered in prompt

IR Qty PO UoM	IR Qty Base UoM	IR Value PO Curr.	IR Value Loc./Target Curr.	IR Unit Price (PO UoM) Local Curr.	IR Unit Price (PO UoM) Target Curr.	IR Price diff. Doc. Curr.	IR Price diff. Loc./Target Curr.
276	276	4.517,57	4.517,57	16,37	16,37	EUR	EUR

3. **IR unit price:** Invoice value in Local curr. / IR qty in PO UoM & IR value in Local/Target curr. / IR qty in PO UoM
4. **IR Price diff.:** difference between GR value and standard value of stock entry, in PO & Local or Target currency, when posted in IR doc.

★ Standard value = IR qty * Material standard price

Where to find corresponding data in SAP ?

Display the Purchase order with **ME23N** - Display Purchase Order & open the tab "Purchase Order History" to see the invoice receipt.

Sh. Text *	MvT	Posting Date	Entry Date	Material	Document	Quantity	UoM	Amt. in loc. cur.	Crvy	Amount	Delivery	Time of Ent.
GR	101	22.01.2018	22.01.2018	5020827677		276	PC	4 482,24	EUR	4 482,24	0	09:26:39
Tr./Ev. Goods receipt								4 482,24	EUR	4 482,24		0
IR/L		30.04.2018	30.04.2018	5113047298		276	PC	4 517,57	EUR	4 517,57	0	14:37:10
Tr./Ev. Invoice receipt								4 517,57	EUR	4 517,57		0

Consignment

As for goods receipt, there are specific indicators to follow-up consignment invoices:

Plant	PO No	PO Item	Material	P1 Desc. No	IR Consign. Qty Base UoM	IR Consign. Value Doc Curr.	IR Consign. Value Loc/Target Curr.	IR Unit Price (PO UoM) Doc/Target Curr.	IR Unit Price (PO UoM) Local Curr.	IR Price diff. Doc. Curr.	IR Price diff. Loc/Target Curr.
MRKO	4		8010489	CTL 00L 229X1150 3000BAR PE10PE	620	64 468,00	64 468,00	105,50	105,50		

1. **IR Consign. qty:** in Material base UoM
2. **IR Consign. value:** in Doc. Curr. & in Local (Company code) curr. or any Target curr. if entered in prompt
3. **IR unit price:** GR Consign. value in Doc. curr. / GR Consign. qty in base UoM & GR Consign. value in Local /Target curr. / GR Consign. qty in base UoM
4. **IR Price diff.:** difference between IR Consign. value and standard value of stock entry, in Doc. & Local or Target curr.

i As Consignment invoices are auto invoices (MRKO tr.), no IR Price diff. should occur

i IR Unit Price & Price diff. columns/ratios are the same for both standard and consignment IR

Other Screen packaging workbooks

- **SCREEN - Pack. Inventory analysis** — The aim of Inventory query is to provide users with an helicopter view in qty/value of Packaging stocks in WP1 and PF1
- **SCREEN - Pack. Manuf. Consumption analysis** — The aim of this query is to provide users with a transversal view of Packaging material consumption in production process in WP1 and PF1
- **SCREEN - Pack. Purchasing analysis** — The aim of Purchasing query is to provide users with a transversal view in qty/value of Packaging Materials purchasing in WP1 and PF1

