

# IMEP - PF1 Manuf. Local database



This workbook gives a transversal and consolidated view of manufacturing costs (from sites to GBU level) for all plants managed in PF1.

blocked URL

## Access the workbook

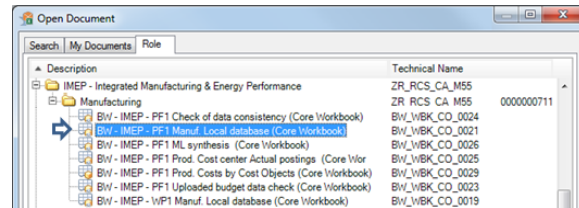
The workbook to be used is **BW\_WBK\_CO\_0021 - BW - IMEP - PF1 Manuf. Local database (Core Workbook)**

=> Go to Analysis for Office in excel

=> Click "Open Data Source"

Go to the tab "Role" and open the folder IMEP - Integrated Manufacturing & Energy Performance => Manufacturing

Double-click on the workbook **BW\_WBK\_CO\_0021 - BW - IMEP - PF1 Manuf. Local database (Core Workbook)** to open it



## Open the workbook

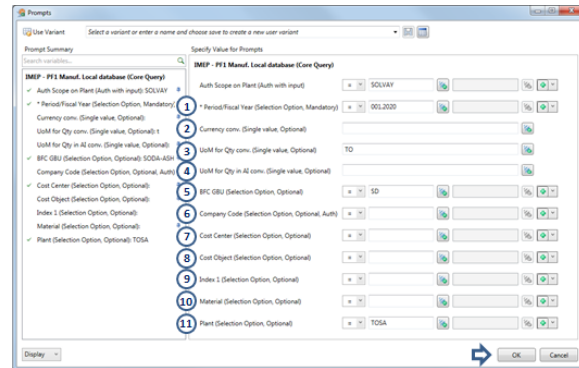
It is mandatory to enter the period (1) : MMM.YYYY

It is also recommended to enter at least a GBU (5), a company code (6) or a plant code (11)

It is also possible to enter:

- a target currency (2) to have all values converted with the same currency
- a Unit of Measure for the quantity conversion (ex: TO for Tons) (3)
- a Unit of Measure for Active ingredients (4)
- a Cost center (7)
- a Cost object (8)
- an [Index 1](#) (9)
- a material code (10)

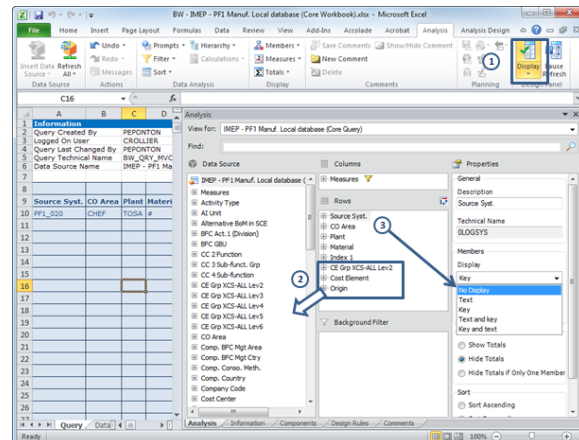
Click "OK"



## Set-up a basic report

When you start working with iMEP, you can simplify the lay-out that is proposed by default.

1. Click the button "display" to show the "Design Panel"
2. Remove "CE Grp XCS-ALL Lev2", Cost Element, Origin from the report. (drag this values from the box "Rows")
3. You can also hide the value "Source Syst." & "CO Area" (Click the dimension and select "no display")



There are 6 columns in the report:

1. The plant code
2. The code of the material produced and its description
3. The **Index 1**
4. The actual quantity
5. The actual costs

Plant	Material	Index 1	Actual Qty	Mat. Ledger Costs	EUR
TOSA	157142	SD CS1250 4SMVSH	1	-49,210 TO	-5,091,065.04
			2	-26,710 M3	-7,919.39
			3	49,210 TO	4,696,549.05
			5	147,629 TO	443,377.61
			7		-40,942.28
			9		402,435.33
		<b>Result</b>			<b>402,435.28</b>

### How to understand the report

In this example the material 157142 SD CS1250 4SMVSH was produced during the period in plant TOSA:

- 49 210 Tons were produced and the total production costs is 5 091 065,04 EUR
- 26 710 M3 of co-products were also produced and the total production costs is 7 919,39 EUR
- The production of the finished product & the co-product was done with 49 210 Tons of Raw materials. And the total cost of these raw materials was 4 696 549,05 EUR
- Activities (Labour, energy, fixed costs) were also allocated to the production costs of these products with a total costs of 443 377,61 EUR (Standard costs) - 40 942,28 EUR (Variances) = 402 435,33 EUR
- Detailed of costs posted on cost centers = 402 435,33 EUR. It provides the detail of the activities costs and the total amount is the same as (4).
- The total should be zero as the total production costs corresponds to the cost of raw material & activities. However in this example the cost of activities is double-counted (4) & (5). It is recommended to exclude the **Index 1 = 9** of your reports except if you have a specific need.

Plant	Material	Index 1	Actual Qty	Mat. Ledger Costs	EUR
TOSA	157142	SD CS1250 4SMVSH	1	-49,210 TO	-5,091,065.04
			2	-26,710 M3	-7,919.39
			3	49,210 TO	4,696,549.05
			5	147,629 TO	443,377.61
			7		-40,942.28
			9		402,435.33
		<b>Result</b>			<b>402,435.28</b>

**i** When you exclude the **Index 1 = 9** of your report then the total Mat. Ledger Costs by material code is close to zero.

=> You can use the workbook [IMEP - PF1 Check of data consistency](#) to validate that it is true for all the materials of a plant, company or GBU.

Plant	Material	Index 1	Actual Qty	Mat. Ledger Costs	EUR
TOSA	157142	SD CS1250 4SMVSH	1	-49,210 TO	-5,091,065.04
			2	-26,710 M3	-7,919.39
			3	49,210 TO	4,696,549.05
			5	147,629 TO	443,377.61
			7		-40,942.28
		<b>Result</b>			<b>-0.05</b>

## Set-up a detailed report

when you have a good understanding of the report, you can add additional information in the report. You can refer to the list [IMEP - Characteristics](#) to have a definition of each dimension available in IMEP reports.

For instance you can add:

1. the field "Origin" to have additional details by raw material & activities
2. the measures "ML VC", "ML FX" & "ML DP" to have the split of costs by variables costs, fixed costs and depreciation

=> You can also add the QUR, QUS, CUR, CUS (actual and standard unit quantity & cost)

Plant	Material	Index 1	Origin	Actual Qty	Mat. Ledger Costs	ML VC	ML FX	ML DP	EUR
TOSA	157142	SD CS1250 4SMVSH	SD	-49,210 TO	-5,091,065.04	-5,091,065.04			-5,091,065.04
			CONDENSED WATER	-26,710 M3	-7,919.39	-7,919.39			-7,919.39
			RL	49,210 TO	4,696,549.05	2,320,662.26			2,375,886.79
			ST12011900 ZZDEPR	49,210 TO	47,909.11				47,909.11
			ST12011900 ZZPRSD	49,210 TO	236,108.16				236,108.16
			ST12011900 ZZFNAR	49,210 TO	136,310.32				1,476.29
			ST12011900 ZZFNAR		-36,397.42				-36,397.42
			ST12011900 ZZFNAR		-8,021.14				-8,021.14
		<b>Result</b>				-8,021.14	-8,021.14		-8,021.14

## Going further with iMEP

- [IMEP - Characteristics](#) — List of Characteristics & Measures available in the BW application iMEP with the link to more detailed documentation when it exists.
- [IMEP - Index 1](#) — In the application iMEP, the characteristic Index 1 is a key element to understand to set-up an accurate report to follow production quantities and costs.
- [IMEP - PF1 Manuf. Local database](#) — This workbook gives a transversal and consolidated view of manufacturing costs (from sites to GBU level) for all plants managed in PF1.
- [IMEP - WP1 Manuf. Local database](#) — This workbook gives a transversal and consolidated view of manufacturing costs (from sites to GBU level) for all plants managed in WP1.
- [IMEP - PF1 Check of data consistency](#) — The aim of this workbook is to validate the quality of the data reported in imep for the sites in PF1.
- [IMEP - PF1 ML synthesis](#) — This report answers a specific need of GBUs operating in PF1 who wants to better understand the impact of the stock effects in their P&L. It can be used as the report Z1K\_CONS\_ESTO in PF1 but for a wider scope.