

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

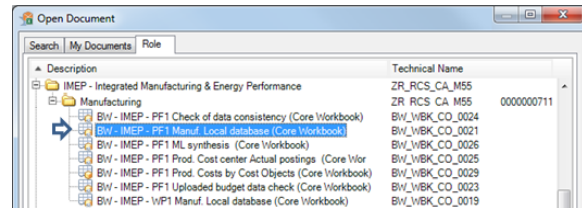
The workbook to be used is **BW_WBK_CO_0021 - BW - IMEP - PF1 Manuf. Local database (Core Workbook)**

=> 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

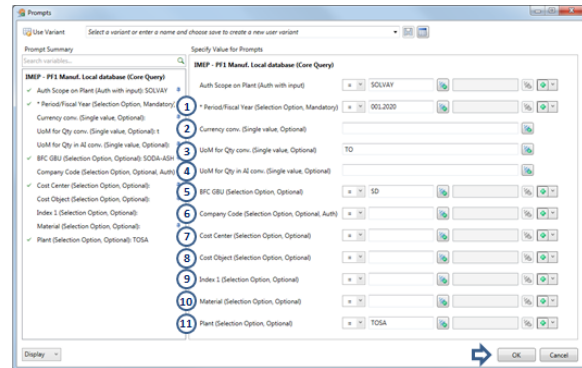
It is mandatory to enter the period (1) : MMM.YYYY

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)

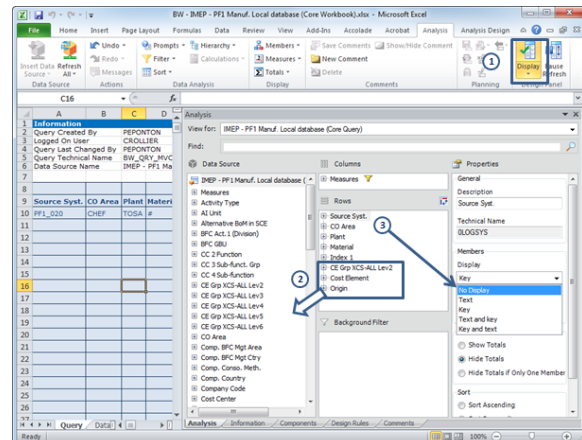
Click "OK"



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

How to understand the report

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

1. 49 210 Tons were produced and the total production costs is 5 091 065,04 EUR
2. 26 710 M3 of co-products were also produced and the total production costs is 7 919,39 EUR
3. 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
4. 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
5. 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).
6. 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.



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
TOSA	157142	SD CS1250 4SMVSH		EUR
		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
		Result	*	402,435.28

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		3	49,210 TO	4,696,549.05
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		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
		Result		-0.05

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
TOSA	157142	SD CS1250 4SMVSH	SD					
		1	SD	-49,210 TO	-5,091,065.04	-5,091,065.04		
		2	CONDENSED WATER	-26,710 M3	-7,919.39	-7,919.39		
		3	RL	49,210 TO	4,696,549.05	3,282,462.20	5,744,023.00	688,962.77
		5	ST20411900 Z20EPR	49,210 TO	47,809.11			67,899.11
		5	ST20411900 Z20PRD	49,210 TO	224,108.16			224,108.16
		5	ST20411900 Z20FVAR	49,210 TO	136,310.32			1,476.20
		5	ST20411900 Z20EPR		1,476.20			
		5	ST20411900 Z20PRD		-34,361.43			-34,361.43
		5	ST20411900 Z20FVAR		-8,021.14			-8,021.14
		Result				-8.85	-8.85	-8.85

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.