

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.

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Access the workbook

The workbook to be used is **BW_WBK_CO_0019 - BW - IMEP - WP1 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_0019 - BW - IMEP - WP1 Manuf. Local database (Core Workbook)** to open it



Open the workbook

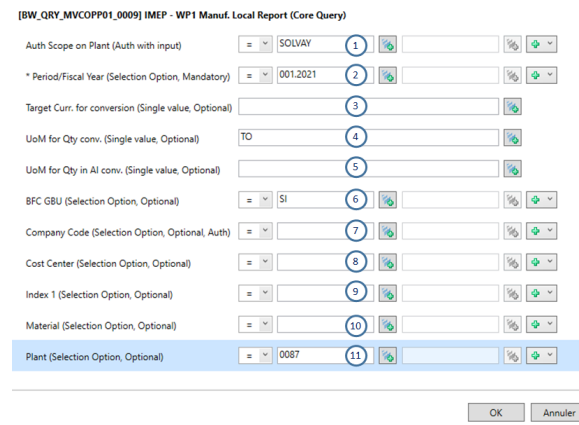
It is mandatory to enter the period (1) : MMM.YYYY

It is also recommended to enter at least a GBU (6), a company code (7) or a plant code (11)

It is also possible to enter:

- a target currency (3) to have all values converted with the same currency
- a Unit of Measure for the quantity conversion (ex: TO for Tons) (4)
- a Unit of Measure for Active ingredients (5)
- a Cost center (8)
- an [Index 1](#) (9)
- a material code (10)

Click "OK"



How to understand the report

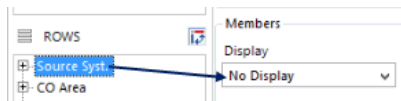
By default there are 11 columns in the report:

1. The source system = WP1_400 ★
2. The [Controlling Area](#) ★
3. The production plant
4. The material = The finished product
5. The [Index 1](#)
6. The Origin
7. The Actual quantity produced
8. The Actual costs of production split by
 - Actual Variable costs (9)
 - Actual Fixed costs (10)

Actual Qty	Actual Costs	Actual Costs VC	Actual Costs FC	Actual Costs CP
1	2	3	4	5
6	7	8	9	10
11				

- Actual Depreciation (11)

★ It is recommended to keep these columns in your report to avoid that all master data start with "WP1_400/" or "Z006/" but you can hide them in the design panel. Click on the dimension you want to hide and select "No display"



In this example the material 11830 ZEOSIL 1165MP BULK was produced during the period in plant 0087:

- 2 763 Tons were produced and the total production costs is 1 513 312,29 EUR
- 49 Tons of co-products were also produced and the total production costs is 492,40 EUR
- The production of the finished product & the co-product was done with 11 533 Tons of Raw materials. And the total cost of these raw materials was 824 265,21 EUR
- Activities (Labour, energy, fixed costs) were also allocated to the production costs of these products with a total costs of 688 054,53 EUR
- The variance between actual production costs & standard costs (=process order variance) is 1 484,95 EUR
- The total should be zero as the total production costs (Index 1 = 1 & 2) corresponds to the cost of raw material & activities + variances (Index 1 = 3, 5 & 6)

Plant	Material	Index 1	Actual Qty	Actual Costs	EUR
0087	11830	ZEOSIL 1165MP BULK	1	-2 763 TO	-1 513 312,29
			2	-49 TO	-492,40
			3	11 533 TO	824 265,21
			5	*	688 054,53
			6	*	1 484,95
		Result	*	*	*

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 add:

- the field "Origin" to have additional details by raw material & activity
- the measures "Actual Costs VC", "Actual Costs FX" & "Actual Costs DP" (c) 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)

Material	Index 1	Origin	Actual Qty	Actual Costs	Actual Costs VC	Actual Costs FX	Actual Costs DP
11830	ZEOSIL 1165MP BULK	11830 ZEOSIL 1165MP BULK	-2 763 TO	-1 513 312,29	-634 157,35	-614 791,18	-164 363,72
		8071 ZEOSIL 1165MP BB WELCE 1165	1 TO	-27,60	-27,60		
		11830 ZEOSIL WD 700 KG / PAL	1 TO	454,80			
		51271 ZEOSIL 1165MP BB 700 KG / WOOD	57 TO	24 985,41			
		51284 ZEOSIL 1165MP BB 700 KG / WOOD	189 TO	93 394,81	60 990,71	12 444,93	9 359,17
		51230 SOD. SILICATE 150, 30/45 EUR	10 225 TO	625 379,49	466 158,21	110 841,40	48 369,87
		51460 SULFURIC ACID 98% BULK	1 945 TO	49 494,80			
		61382 SODIUM ALUMINATE BULK	46 TO	15 215,72			
		61392 ZEOSIL 165L BB 700 KG / PAL	9 TO	5 494,66	2 360,56	1 380,39	548,91
		0007-1001 GAZ	932 kWh	122 462,90	122 462,90		
		0007-1002 ELEC	LVV Electricity / Utility Electricity	34 523 kWh	39 356,71	39 356,71	
		0007-1003 STEAM	LVV Steam / Utility - Steam	1 200 TO	22 396,62	22 396,62	
		0007-1004 WATERS	LVV Industrial water / Industrial Water	39 299 M3	21 323,89	21 323,89	
		0007-1005 UFEL	LVV Other utility / UTILITIES	39 931 AU	53 375,84	53 375,84	
		0007-1006 WASTE	LVV Shredder & waste / WASTE	47 437 TO	47 436,84	47 436,84	
		0007-1008 WATERB	LVV Treated water / water	2 246 M3	2 399,66	2 399,66	
		0007-1009 STRAIT	LVV Cracking CP / Taring (per Tonne)	120 TO	2 877,90	2 877,90	
		0007-1000 AND	LVV Silica / CONTACT OVEN	554 830 H	103 209,36		103 209,36
		0007-1000 MACHI	LVV Silica / Machine hours	554 830 H	188 814,29		188 814,29
		0007-1000 MANHO	LVV Silica / Direct Labour hours	554 830 H	84 511,53		84 511,53
		0007-1000 DEPR	0007-DEPR		1 484,95		

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.