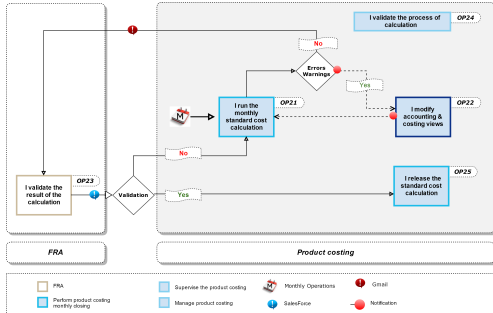


# I validate the result of the calculation

Process: **Product Costing**

Responsibility area: Monitor the consistency of the monthly cost calculation

The analysis must be performed by the FRA every month between D-5 and D-1 12pm



## Scope

WW

WP2

PF2

## Frequency

Monthly

## References

- [OP.023](#)

- [OP.023](#)

## Attachments

## Guideline

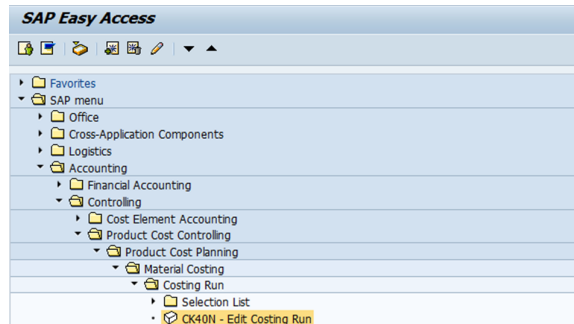
I am informed that the CK40N was run and I can perform the analysis

### STEP 1

Start the transaction using the menu path or transaction code **CK40N**

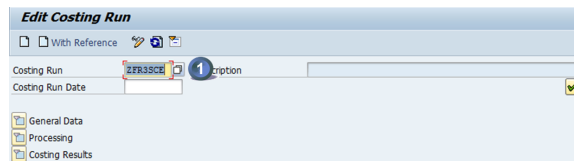
Double-click

**CK40N - Edit Costing Run**



### STEP 2

1. enter the costing run of the month and **Enter**



### STEP 3

1. **Expand**

## Edit Costing Run

Costing Run	RHOP1004	Description	CCR RHODIA OPERATION AVRIL 2010
Costing Run Date	31.03.2010		

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Errs	Still Op...
Selection					⚠	7438	0	
Struct. Explosion					⚠	7438	0	
Costing					⚠	7438	0	0
Analysis					⚠			
Marking					⚠	7438	0	0
Release					⚠	7438	0	0

### STEP 4




**i** All error messages must be cleared

When there is a warning message, it often happens that there is a mistake in the costing. So even if it is not compulsory, it is recommended to check the warning messages and try to correct it.

Note: Sometimes, despite not having any error, some materials remain in column "Still Open". This is related with a technical issue linked to the mixed-costing materials. In order to correct the display table it's necessary to execute transaction CKSU.

### STEP 1


WP1 + PF1

When there are error  or warning  messages, you must click on  to analyse and clear them

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Errs	Still Open
Selection					⚠	1726	26	
Struct. Explosion					⚠	1726	26	
Costing					⚠	1700	0	0
Analysis					⚠			
Marking					⚠			
Release					⚠			

### STEP 2

WP1 + PF1



Click on  to have the list of messages


Costing Run: Selection - Log													
Message log created on	[26.12.2011]												
<table border="1"> <thead> <tr> <th colspan="2">Number of Messages Collected</th> </tr> </thead> <tbody> <tr> <td>Information Messages</td> <td>1</td> </tr> <tr> <td>Warning Messages</td> <td>72</td> </tr> <tr> <td>Error Messages</td> <td>26</td> </tr> <tr> <td>Termination Messages</td> <td>0</td> </tr> <tr> <td>Total</td> <td>99</td> </tr> </tbody> </table>		Number of Messages Collected		Information Messages	1	Warning Messages	72	Error Messages	26	Termination Messages	0	Total	99
Number of Messages Collected													
Information Messages	1												
Warning Messages	72												
Error Messages	26												
Termination Messages	0												
Total	99												


### STEP 3

WP1 + PF1

1 - Type of message

  Error messages, must be cleared

 **W** Warning messages, must be analysed and cleared as much as possible

 **I** Information messages

- 2 - Message code
- 3 - Plant code
- 4 - Material code
- 5 - Message description

**Costing Run: Selection - Log**

Log created on 26.12.2011

Excep...	M...	M...	Plant	Material	Σ	A...	Message Text
	W	128	7811	32787	1	CK	Material 32787 in plant 7811 has no accounting data
	W			77069	1	CK	Material 77069 in plant 7811 has no accounting data
	W			115117	1	CK	Material 115117 in plant 7811 has no accounting data
	W		7818	49739	1	CK	Material 49739 in plant 7818 has no accounting data
	W		7819	110142	1	CK	Material 110142 in plant 7819 has no accounting data
	I	172	7787	1615996	1	CK	Material 1615996 in plant 7787: No cost est. exists -> ra...
	E	310	7714	68858	1	CK	Material 68858 is marked for deletion
	E			19398	1	CK	Material 19398 is marked for deletion
	E			40928	1	CK	Material 40928 is marked for deletion
	E			50775	1	CK	Material 50775 is marked for deletion
	E			66785	1	CK	Material 66785 is marked for deletion
	E			101132	1	CK	Material 101132 is marked for deletion
	E			101628	1	CK	Material 101628 is marked for deletion
	E		7779	66785	1	CK	Material 66785 is marked for deletion

**STEP 4**

**WP1 + PF1**

You can double-click on a message to have a more detailed description of the issue

**Material 68858 is marked for deletion**

Message no. CK310





**Diagnosis**

Material 68858 was flagged for deletion internally. To delete this deletion flag, you have to change the indicator in the material master record.

[Change material master record](#)

## Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

From Aug 14, 2024 to Sept 08, 2025	Actor	Type	Activity	Version
<b>Published</b>	Gomes, Susana and CHAN SRI, Surachet	Edit	multiple updates from  Gomes, Susana and CHANSRI, Surachet	
	 Gomes, Susana	State	changed state to <b>Published</b> at 1:24 pm	v15
<b>Draft</b>	 Gomes, Susana	State	gave <i>Approvers</i> approval at 1:24 pm	
	 Gomes, Susana	State	changed state to <b>Draft</b> at 1:24 pm	v15
<b>Oct 09, 2017</b>				
<b>For Review</b>	PEREIRA DINIZ, Sandra	Edit	updated the page at 9:34 am	
	PEREIRA DINIZ, Sandra	State	changed state to <b>For Review</b> at 7:34 am	v13



- CK060 - Object was not costed
- CK249 - Cost component split for material not saved
- CK310 - Material is marked for deletion
- CK380 - No valid source of supply could be found
- CK468 - No price could be determined for subcontracting
- CK023 - No control record for Activity type CHEF/X332900700/ZZANO2 in version 000 / 2017 activity planning/qty planning
- CK354 - Material XXXX in plant YYY has material status Z4 : Material deleted
- CK430 - Missing formula in work center xxxxx
- CK862 - Material XXX in plant XXX does not contain any segment for in-house production



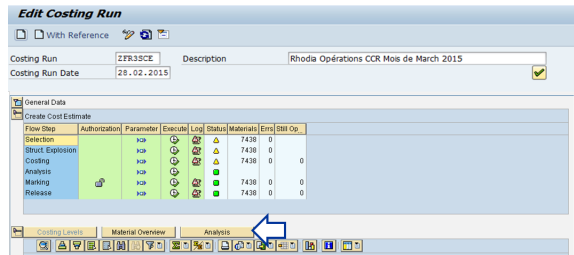
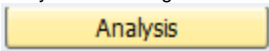
- CK053 - Deletion indicator set in material - plant
- CK054 - Deletion indicator set in material - valuation area
- CK080 - Material plant : BOM not active
- CK082 - Material plant: no suitable BOM found
- CK128 - Material in plant has no accounting data.
- CK382 - Material does not exist in withdrawal plant
- CK858 - No suitable or valid production version

## Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

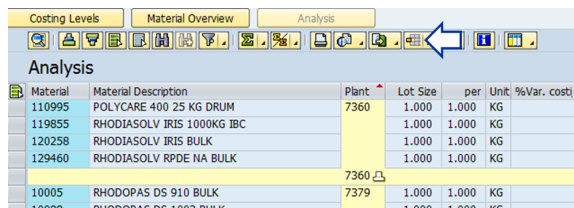
Aug 14, 2024	Actor	Type	Activity	Version
Published	 Gomes, Susana	State	changed state to <b>Published</b> at 1:24 pm	v13
Draft	 Gomes, Susana	State	gave <i>Approvers</i> approval at 1:24 pm	
		State	changed state to <b>Draft</b> at 1:24 pm	v13
<b>Oct 09, 2017</b>				
For Review	PEREIRA DINIZ, Sandra	Edit	updated the page at 9:49 am	
	PEREIRA DINIZ, Sandra	State	changed state to <b>For Review</b> at 7:49 am	v12
<b>Jul 06, 2016</b>				
Published	ROLLIER, Charlotte	State	changed state to <b>Published</b> at 4:12 pm	v11

When errors are corrected and warning messages checked, costing analysis can begin. Click on



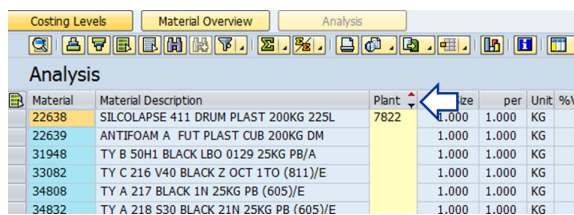
**STEP 6**

Select the variant. In this example, we are using the variant /IAC0102



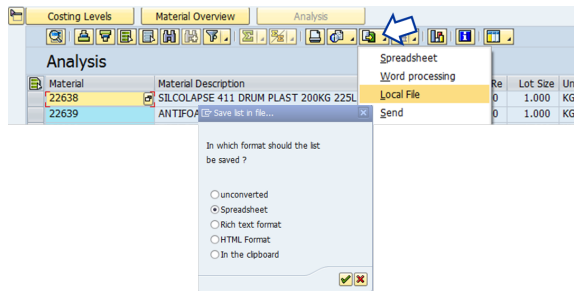
**STEP 7**

Filter the plant you are responsible for



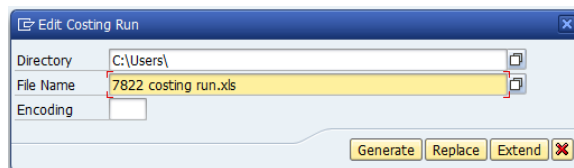
**STEP 8**

Save in excel : local file => spreadsheet



**STEP 9**

Enter the directory & the file name and generate the file



**STEP 10**

**i** All variances above a defined threshold must be commented. The threshold is defined by the FRA :

- Unit cost variance %
- Inventory revaluation value.

If the threshold is above +/- 10% at unit cost level or +/- 50 k€ at item inventory revaluation level should be authorized by RCOM.

**Open the file**

If:

- the unit variation is > 10% (or local threshold)
- or Anticipated reval is > 50 kEUR (or local threshold),

a deeper analysis is requested

Unit variation (%) (b-a) / a	Reval (b-a) x I	Inventory I	Costing M a	Costing M+1 b	Costing variation b - a
---------------------------------	--------------------	----------------	----------------	------------------	----------------------------

Material	Material description	Plnt	Lot Size	per	BUm	%Var costingM	Anticip reval	TotalStock	Val MatM	Costing Re	Var costingM
60444	TY A 200F NOIR 21N 25KG SP (605)E	7822	1000	1000	KG	18,23		0	1 990,48	2 353,40	362,92
60447	TY A 200F NOIR 21N XXXX	7822	1000	1000	KG	-0,99		0	1 941,18	1 922,04	-19,14
6044	MM B38 C RIVET SAC 25 KG	7822	1000	1000	KG	-2,83	-36,34	107	7 695,66	7 468,91	-227,65
60701	TY A 220F NATUREL 25KG SP (605)E	7822	1000	1000	KG	-0,97	-128,05	6 800	2 029,13	2 009,43	-19,7
60858	MM B60 C CANULE SAC 25 KG	7822	1000	1000	KG	-3,54	-76,15	428,2	3 019,53	4 841,73	-1 822,20
61076	TY SX 11 BL NATUREL 25KG SP (605)E	7822	1000	1000	KG			9 181,40	2 609,26	2 360,00	249,26
61078	TY SX 16 BL NATUREL OCT 110 CPB (811)E	7822	1000	1000	KG			14 693,29	736,75	795,75	-60,00
61118	CAPROLACTAME 60% VSAC	7822	1000	1000	KG			0	5 157,50	3 422,12	-1 735,38
64158	MM B38 C CALICHE SAC 25 KG	7822	1000	1000	KG	-33,65	31,68	61	4 826,89	5 346,46	-519,57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	19,76	10,24	488 737	6 642,91	8 083,54	1 441,03
64236	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	21,69	704,28	488 737	6 642,91	8 083,94	1 441,03
64248	ON YDE ZINC QUALITE NEIGE 365,5 25KG SAC	7822	1000	1000	KG	-112,4	-159,31	65 624	2 159,92	4 587,65	2 427,73

Validate the main variances in % & in value

In this example, the costing of the following materials 60444, 64151, 64158, 64235, 64248 have to be checked and validated

as the variance is above 10% or/and the revaluation above 50 k€

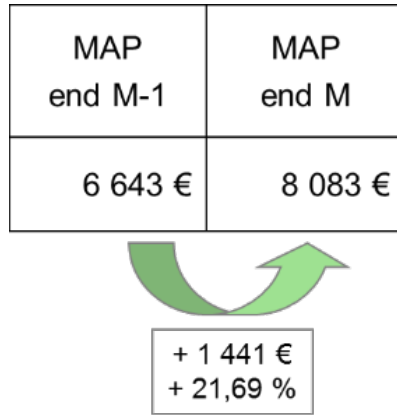
Material	Material description	Plnt	Lot Size	per	BUm	%Var costingM	Anticip reval	TotalStock	Val MatM	Costing Re	Var costingM
60444	TY A 200F NOIR 21N 25KG SP (605)E	7822	1000	1000	KG	18,23		0	1 990,48	2 353,40	362,92
60447	TY A 200F NOIR 21N XXXX	7822	1000	1000	KG	-0,99		0	1 941,18	1 922,04	-19,14
6044	MM B38 C RIVET SAC 25 KG	7822	1000	1000	KG	-2,83	-36,34	107	7 695,66	7 468,91	-227,65
60701	TY A 220F NATUREL 25KG SP (605)E	7822	1000	1000	KG	-0,97	-128,05	6 800	2 029,13	2 009,43	-19,7
60858	MM B60 C CANULE SAC 25 KG	7822	1000	1000	KG	-3,54	-76,15	428,2	3 019,53	4 841,73	-1 822,20
61076	TY SX 11 BL NATUREL 25KG SP (605)E	7822	1000	1000	KG			9 181,40	2 609,26	2 360,00	249,26
61078	TY SX 16 BL NATUREL OCT 110 CPB (811)E	7822	1000	1000	KG			14 693,29	736,75	795,75	-60,00
61118	CAPROLACTAME 60% VSAC	7822	1000	1000	KG			0	5 157,50	3 422,12	-1 735,38
64158	MM B38 C CALICHE SAC 25 KG	7822	1000	1000	KG	-33,65	31,68	61	4 826,89	5 346,46	-519,57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	19,76	10,24	488 737	6 642,91	8 083,54	1 441,03
64236	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	21,69	704,28	488 737	6 642,91	8 083,94	1 441,03
64248	ON YDE ZINC QUALITE NEIGE 365,5 25KG SAC	7822	1000	1000	KG	-112,4	-159,31	65 624	2 159,92	4 587,65	2 427,73

**STEP 1**

Ex : 64235 BASE DE NIGROSINE /SOLVANT NOIR 7 FUT

The MAP increased from 6 643 € to 8 083 €

- We have to validate the MAP (Moving Average Price) by checking purchase orders of the month.
- It can also help to check the purchase variance of this material (KE30) to define where does the increase come from.



**STEP 2**

Display purchase orders with the transaction **ME2M**

Enter

1. the material code & the plant
2. the period

**Purchasing Documents for Material**

Material: 64235 1 to

Plant: 7822 to

Purchasing organization:

Scope of list: BEST

Selection parameters:

Document type:

Purchasing group:

Item category:

Account assignment category:

Delivery date: 01.03.2010 2 to 31.03.2010

**STEP 3**

There is one purchase order to check.

=> Double-click on it

PO	Type	Vendor	Name	BGp	Order Date
Item	Material	Sloc	Short Text	Mat. Group	
			Order Qty	Un	Net Price
					Curr.
					per Un
4501142	FR59	53552	IMCD FRANCE SAS	FKR	17.03.2010
0001	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	0451	
			80 KG	16,55	EUR
			0 KG	0,00	EUR
			0 KG	0,00	EUR
00020	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	0451	
			20 KG	16,55	EUR
			0 KG	0,00	EUR
			0 KG	0,00	EUR

In march, the purchase price is 16,55 € / KG

**Standard PO 4501142662 Created by Chan-Moly OEUR**

Document Overview On | Print Preview | Messages | Personal Setting

Standard PO: 4501142662 | Vendor: 53552 BMD FRANCE SAS | Doc. date: 17.03.2010

Item	Material	Short Text	PO Quantity	Deliv. Date	Net Price	Cur	Per	Matl Group	Prnt
10	64235	BASE DE NIGROSINE/SO...	80 KG	23.03.2010	16,55 EUR	1		KG CHEM PROD_ZFR	
20	64235	BASE DE NIGROSINE/SO...	20 KG	06.04.2010	16,55 EUR	1		KG CHEM PROD_ZFR	

Item: [10] 64235, BASE DE NIGROSINE/SOLVANT

Sh. Text	MvT	Posting Date	Material Document	Item	Entry Date	Quantity	Time of Entry	Reference	Amount	Cur
GR		22.03.2010	S007814821	1	22.03.2010	80	13:30:44	111558	1 324,00	EUR
Tr./Ev. Goods receipt						80			1 324,00	EUR
IR-L		25.03.2010	S106826979	1	25.03.2010	80	10:24:22	111558	1 324,00	EUR
Tr./Ev. Invoice receipt						80			1 324,00	EUR

It corresponds to the price invoiced

= 1 324 € / 80 kg

= 16,55 € / kg

At the end of M-1, the MAP was 6,64 € / kg. As the purchase price of M is 16,55 € / kg, it is normal that the MAP increases in M.



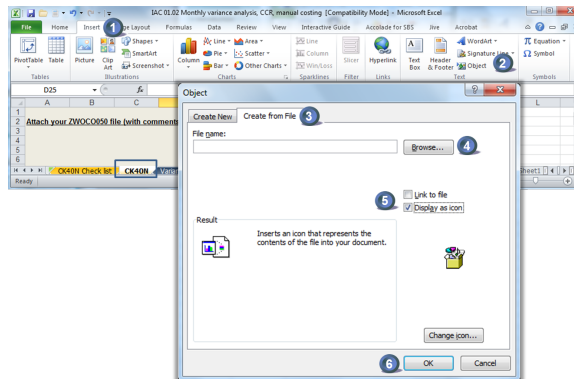
If there is a mistake in the calculation of the new MAP due to an error in the purchase order, invoice price etc:

- Ask to correct the purchase order,
- If the MAP is still not correct => use the field Commercial 1 in view accounting 2 to correct it manually,
- Prepare a documentation for control IAC 01.02

**STEP 11**

When the analysis is completed, insert the file with your comments in the file IAC 01.02 of the month (sheet "CK40N").

1. Select "insert"
2. Click on "Object"
3. Select "Create from File"
4. Click on "Browse" and select the file
5. Check "Display as icon"
6. Click on OK



I request corrective actions when necessary

I validate the result of the calculation by **D-1 12pm**