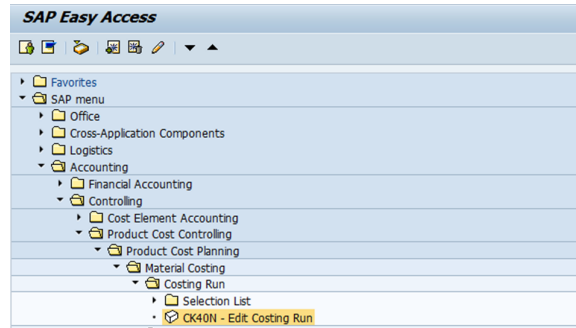
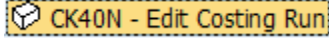


# CK40N - Costing run analysis

**STEP 1**

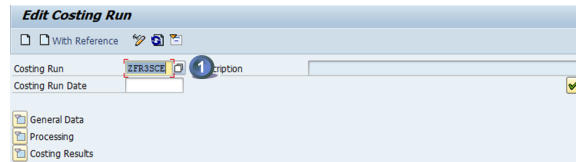
Start the transaction using the menu path or transaction code CK40N

Double-click



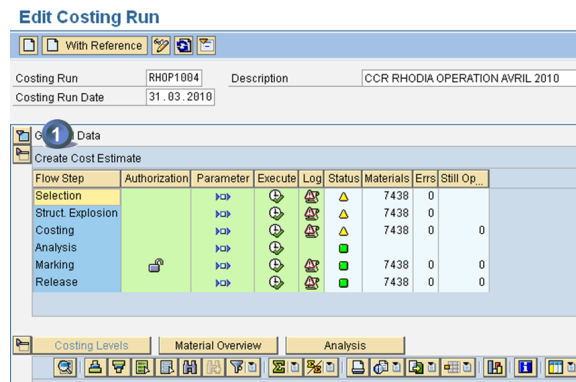
**STEP 2**

1. enter the costing run of the month and



**STEP 3**

1. Expand



**STEP 4**

All error messages must be cleared

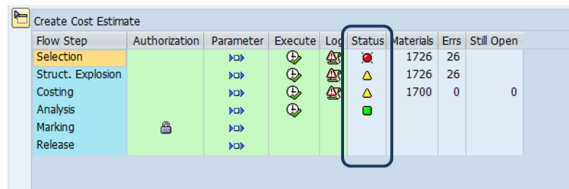
When there is a warning message, it often happens that there is a mistake in the costing. So even if it is not compulsory, it is recommended to check the warning messages and try to correct it.

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

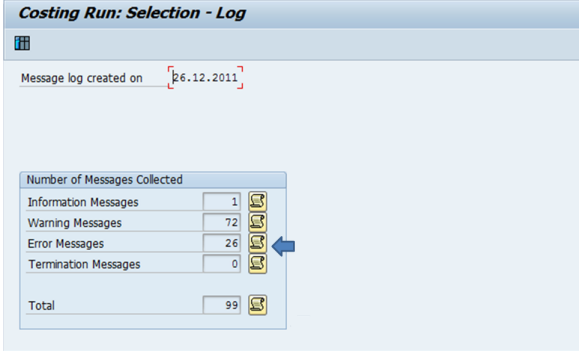
When there are error or warning messages, you must click on to analyse and clear them



**STEP 2**

WP1 + PF1


Click on  to have the list of messages





**STEP 3**

WP1 + PF1

1 - Type of message

 **E** Error messages, must be cleared

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

 **I** Information messages

Log created on 26.12.2011

Excep...	M...	M...	Plant	Material	P	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

2 - Message code

3 - Plant code

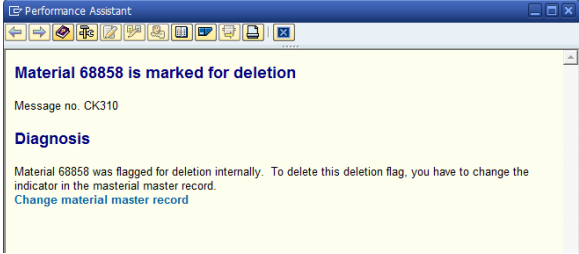
4 - Material code

5 - Message description

**STEP 4**

WP1 + PF1

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



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.

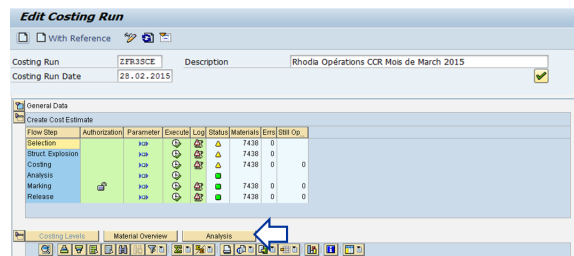
CK382 - Material does not exist in withdrawal plant

CK858 - No suitable or valid production version

STEP 5

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

Analysis



STEP 6

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

Material	Material Description	Plant	Lot Size	per	Unit	%Var. costi...
110995	POLYCAR 400 25 KG DRUM	7360	1.000	1.000	KG	
119855	RHODIASOLV IRIS 1000KG IBC		1.000	1.000	KG	
120258	RHODIASOLV IRIS BULK		1.000	1.000	KG	
129460	RHODIASOLV RPDE NA BULK		1.000	1.000	KG	
		7360				
10005	RHODOPAS DS 910 BULK	7379	1.000	1.000	KG	
10000	RHODOPAS DS 1002 BULK		1.000	1.000	KG	

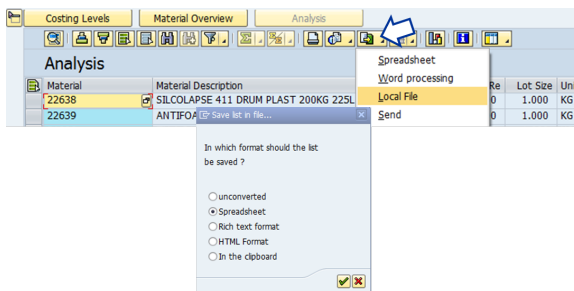
STEP 7

Filter the plant you are responsible for

Material	Material Description	Plant	Lot Size	per	Unit	%Va
22638	SILCOLAPSE 411 DRUM PLAST 200KG 225L	7822	1.000	1.000	KG	
22639	ANTIFOAM A FUT PLAST CUB 200KG DM		1.000	1.000	KG	
31948	TY B 50H1 BLACK LBO 0129 25KG PB/A		1.000	1.000	KG	
33082	TY C 216 V40 BLACK Z OCT 1 TO (811)/E		1.000	1.000	KG	
34808	TY A 217 BLACK 1N 25KG PB (605)/E		1.000	1.000	KG	
34832	TY A 218 S30 BLACK 21N 25KG PB (605)/E		1.000	1.000	KG	

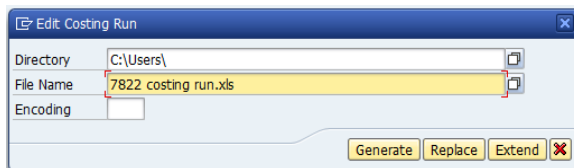
STEP 8

Save in excel : local file => spreadsheet



**STEP 9**

Enter the directory & the file name and generate the file



**STEP 10**

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

- Unit cost variance %
- Inventory revaluation value.

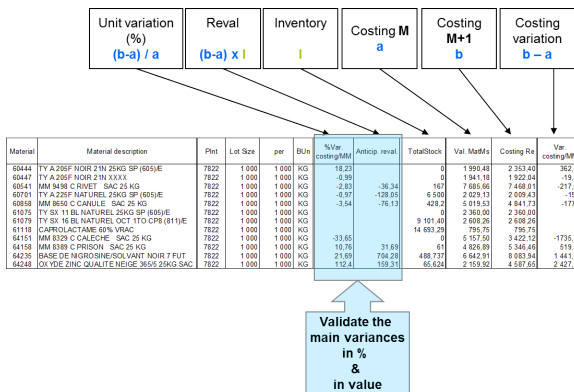
If the threshold is above +/- 10% at unit cost level or +/- 50 k€ at item inventory revaluation level should be authorized by RCOM.

**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



Material	Material description	Pint	Lot Size	per	BUN	%Var costing/MM	Anticip. reval	TotalStock	Val. MatMs	Costing Re	Var costing/MM
60444	TY A 206F NOIR 210 25KG SP (605)E	7822	1 000	1 000	KG	18.23		0	1 990.48	2 353.40	362.92
60447	TY A 206F NOIR 210 XXXX	7822	1 000	1 000	KG	-0.99		0	1 941.18	1 922.04	-19.14
60541	MM 8498 C RIVET SAC 25 KG	7822	1 000	1 000	KG	-2.83	-36.34	167	7 685.68	7 488.01	-217.66
60701	TY A 225F NATUREL 25KG SP (605)E	7822	1 000	1 000	KG	-0.97	-128.65	6 500	2 029.13	2 029.43	-19.7
60838	MM 8650 C CANULE SAC 25 KG	7822	1 000	1 000	KG	-3.54	-78.13	428.2	5 019.53	4 841.73	-177.8
61075	TY SX 11 BL NATUREL 25KG SP (605)E	7822	1 000	1 000	KG			0	2 360.00	2 360.00	0
61079	TY SX 11 BL NATUREL OCT 110 CP8 (811)E	7822	1 000	1 000	KG			9 101.40	2 608.26	2 608.26	0
61118	CAPROLACTAME 60% VRAC	7822	1 000	1 000	KG			14 693.29	795.75	795.75	0
61151	MM 8328 C CALECHE SAC 25 KG	7822	1 000	1 000	KG	-33.65		0	5 157.50	3 422.12	-1735.38
64158	MM 8399 C PRISON SAC 25 KG	7822	1 000	1 000	KG	10.76	31.69	61	4 826.89	5 346.46	519.57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1 000	1 000	KG	21.05	786.29	489.737	6 642.91	8 933.94	1 441.03
64248	OXYDE ZINC QUALITE NEIGE 360/5 25KG SAC	7822	1 000	1 000	KG	112.4	159.31	66.624	2 159.92	4 887.65	2 427.73

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	Pint	Lot Size	per	BUN	%Var costing/MM	Anticip. reval	TotalStock	Val. MatMs	Costing Re	Var costing/MM
60444	TY A 206F NOIR 210 25KG SP (605)E	7822	1 000	1 000	KG	18.23	> 10 %	0	1 990.48	2 353.40	362.92
60447	TY A 206F NOIR 210 XXXX	7822	1 000	1 000	KG	-0.99		0	1 941.18	1 922.04	-19.14
60541	MM 8498 C RIVET SAC 25 KG	7822	1 000	1 000	KG	-2.83	-36.34	167	7 685.68	7 488.01	-217.66
60701	TY A 225F NATUREL 25KG SP (605)E	7822	1 000	1 000	KG	-0.97	-128.65	6 500	2 029.13	2 029.43	-19.7
60838	MM 8650 C CANULE SAC 25 KG	7822	1 000	1 000	KG	-3.54	-78.13	428.2	5 019.53	4 841.73	-177.8
61075	TY SX 11 BL NATUREL 25KG SP (605)E	7822	1 000	1 000	KG			0	2 360.00	2 360.00	0
61079	TY SX 11 BL NATUREL OCT 110 CP8 (811)E	7822	1 000	1 000	KG			9 101.40	2 608.26	2 608.26	0
61118	CAPROLACTAME 60% VRAC	7822	1 000	1 000	KG			14 693.29	795.75	795.75	0
61151	MM 8328 C CALECHE SAC 25 KG	7822	1 000	1 000	KG	-33.65		0	5 157.50	3 422.12	-1735.38
64158	MM 8399 C PRISON SAC 25 KG	7822	1 000	1 000	KG	10.76	> 10 %	61	4 826.89	5 346.46	519.57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1 000	1 000	KG	21.05		489.737	6 642.91	8 933.94	1 441.03
64248	OXYDE ZINC QUALITE NEIGE 360/5 25KG SAC	7822	1 000	1 000	KG	112.4		66.624	2 159.92	4 887.65	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.

MAP end M-1	MAP end M
6 643 €	8 083 €



+ 1 441 €  
 + 21,69 %

**STEP 2**

Display purchase orders with the transaction **ME2M**

Enter

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

**Purchasing Documents for Material**

Choose...

Material	64235	to	
Plant	7822	to	
Purchasing organization		to	
Scope of list	BEST		
Selection parameters		to	
Document type		to	
Purchasing group		to	
Item category		to	
Account assignment category		to	
Delivery date	01.03.2010	to	31.03.2010

**STEP 3**

There is one purchase order to check.

=> Double-click on it

PO	Type	Vendor	Name	PgP	Order Date
Item	Material		Short Text		Mat. Group
D I A	Plnt SLoc		Order Qty	Un	Net Price
					Curr.
					per Un
4501142662	NB	53552	IMCD FRANCE SAS	FKK	17.03.2010
0001	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUI	0451	
	7822	FR59	80	KG	16,55 EUR
			0	KG	0,00 EUR
			0	KG	0,00 EUR
00020	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUI	0451	
	7822	FR59	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 IMCD FRANCE SAS Doc. date 17.03.2010

ES	S	Item	A	I	Material	Short Text	PO	Quantity	Q...	Deliv. Date	Net Price	Curr.	Per	Q...	Matl Group	Plnt	
		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	04.04.2010	16,55 EUR				1	KG	CHEM PROD_ZFR

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.

Item [10] 64235, BASE DE NIGROSINE/SOLVANT

Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Purchase Order History

Sh. Text	MvT	Posting Date	Material Document	Item	Entry Date	Quantity	Time of Entry	Reference	Amount	Crry
GR		101 22.03.2010	5007814821	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	5106826979	1	25.03.2010	80	10:24:22	111558	1 324,00	EUR
Tr./Ev.	Invoice receipt					80			1 324,00	EUR



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

