

IAC 01.01. Costing model validation

IAC 01.01. Costing model validation

Process: [Product Costing](#)

Responsibility area: [Internal Control Monitor](#)

Risk

Wrong fixed cost absorption in inventory, plant costing model do not comply with group rules

Objective

[Service Unit Management accounting](#) control plant costing model yearly update

Process description

Costing model is the document which explains the way fixed costs and depreciations are allocated to product costing in order to determine the cost of sales and inventory valuation. [FRA are in charge of preparing the costing model based on the budget using the respective template of WP2 or provided by SU MAC](#) (e.g. extract of the cycle structure for PF2).

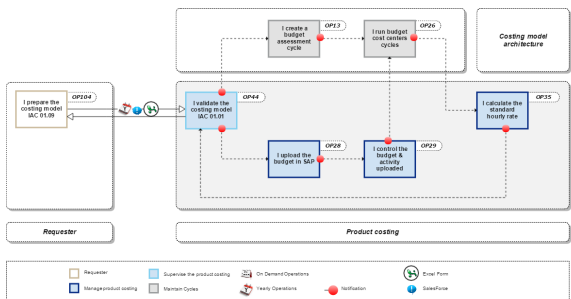
The instruction notes to complete the template of WP2, [under FRA responsibility](#), are below:

[Costing Model - FRA preparation](#)

FRA asks for the validation of the GCCO.

Control description

[Service Unit Management Accounting reviews through a checklist](#), costing models prepared by each Finance responsible assigned (FRA) of his/her zone and the respective update in SAP done by [Service Unit Management accounting](#). SU MAC is making sure that costing model has been reviewed and validated by the GCCO for each plant in the scope of internal control



Scope

WP2 / PF2

Frequency

Due date : January

Control owner

Service Unit Management accounting - Costing user by region

References

Error rendering
macro
'contentbylabel'
parameters should
not be empty

Content by label

There is no content with the specified labels

Control evidences

[IAC 01.01 Validation of costing model by SU MAC.xlsx](#)

- Checklist
- Costing model - Provided by FRA
- Validation from GCCO - Provided by FRA

Guideline

Download the file [IAC 01.01 Costing Model](#)

The check list refers to the template that must be completed by the FRA of each production site - [IAC 01.01. Costing model](#)

There is a link between Costing Model file & IAC 01.01

Costing Model file	IAC 01.01
Tab 1-Cost centers	Column B
Tab 2a-Activity Budget	Column C
Tab 2a-Activity Hours	Column D
Tab 2a-Activity Cycles	Column E

IAC 01.09

Read me first	1a-Cost centers	2a-Activity Budget	2b-Activity Hours	2c-Activity Cycles	2d-Activity TOTAL
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IAC 01.01

RCOM Checklist IAC 01.01										
1	2a	2b	2c	WP1	PM	Validation	GCCO	RCOM	Comments	Contact
Europe										
ES Blanks	✓	✓	✓	✓	✓	✓	✓	✓	There is a mistake in the tab 2b	xxx@solway.com
FR Belle-Etoile	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Butachimie Chalampé	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Chalampé	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Clemency	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Collonges	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR La Rochelle	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Melie	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com
FR Roussillon	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solway.com

Make sure all production sites (2) in your scope (1) are listed with its contact (3)

1	2a	2b	2c	WP1	PM	Validation	GCCO	RCOM	Comments	Contact	Last control
Asia											
CH Chengyang										PAN, jun	
CH Feibiang										YANG, peng	
CH Liang										ZHOU, xiaoyan	
CH Liyang										YANG, peng	
CH Shanghai										PAN, jun	
CH Zhangjiagang										LI, Ada	
CH Zhuji (normal)										ZHANG, kevin	
CH Zhuji (warranty)										XU, li	
CH Zhuji										ZHAO, j	
IN Pat										PIHAI, sh	
IR Ind										CHOI, h	
IR Ord										Han, sh	



Make sure you received all Costing Model file templates in your scope by November D10

Do not hesitate to send reminders in advance or/and plan meetings and calls with each FRA when you feel it is necessary

Once you receive the file [IAC 01.01. Costing model](#) sent by a FRA, you must perform several controls

READ ME FIRST

1. Check that all fields highlighted in yellow are completed

- Check that you have the approval of the plant manager & the GCCO to get their approval (3)

IAC.01.09 - Costing Model



Check list - Yellow fields must be completed before submission to the RCOM

Plant code	7605	Save the file with the name	
Plant name	Incheon	2015_IAC 01.09_7605 Incheon SILICA	
Year	2015		
Currency	KRW		
GBU	SILICA	Compulsory for multi GBU's plants	

1-Cost centers	OK
2-Activity rates	
2a-Budget	OK
2b-Hours	OK
2c-Cycles	OK
3-Validation	OK

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles

1-COST CENTERS

- Check that all fields are completed

Cost center	Cost C	Description	First	Last	Status	Profit cent	Responsibility	Group
7525	7603-1001	EPO Compounding	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1001	AAO AA Semi Production	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1001	PVO AA Salt Production	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1002	PVO Polymerization	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1101	EPO Blending	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1201	EPO Packing	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1211	AAO AA Packing	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1232	PVO Packing CNP & AMO	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1400	EPO Utility	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1402	EPO CP Production/Packing	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1421	AAO STEAM	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1422	AAO Compressed air	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1423	AAO Water	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1424	AAO Electricity	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1425	AAO Waste Water Treatment	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1426	AAO Incinerator	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles 2d-Activity TOTAL

2A-ACTIVITY BUDGET

- Check that all fields are completed

Cost centers	Description	Cost elements	CNP Budget CNY	Additional CNP CNY	Normal capacity CNY
7897-1101	Synth. Purif CF1-CF2	Labor costs dir	98320100	3,242.623	3,242.623
7897-1101	Synth. Purif CF1-CF2	Other CNP	98300041	7,390.789	7,390.789
7897-1101	Synth. Purif CF1-CF2	Maintenance	98300207	4,663.271	4,663.271
7897-1302	GUAIACOL PRODUCTION	Labor costs dir	98320100	794.470	794.470
7897-1302	GUAIACOL PRODUCTION	Other CNP	98300041	1,567.523	1,567.523
7897-1302	GUAIACOL PRODUCTION	Maintenance	98300207	709.584	709.584
7897-1401	IBCH	Labor costs dir	98320100	808.826	808.826
7897-1401	IBCH	Other CNP	98300041	1,382.610	1,382.610
7897-1401	IBCH	Maintenance	98300207	393.145	393.145
7897-1501	Flavor	Labor costs dir	98320100	1,007.498	1,007.498
7897-1501	Flavor	Other CNP	98300041	1,813.631	1,813.631
7897-1501	Flavor	Depreciation	98340100	7,244.222	7,244.222
7897-1501	Flavor	Maintenance	98300207	775.000	775.000

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles 2d-Activity TOTAL

2B-ACTIVITY HOURS

- Check that all fields are completed
- Control the calculation of the normal capacity
 - Other constraints must be explained : it can only be technical constraints (usually bottlenecks)
 - Number of hours for planned

Cost centers	Activities	Hours					Normal capacity (h)
		Planned maintenance	Intercampaign changeovers	Included in recipe Oyes / 1-mo	(*)Other constraints	Number of production lines	
7603-1021 AAO AA Semi Production 1	MANHO	480		1		1	8.280
	MACHI	480	-	1		1	8.280
	AMO	480	-	1		1	8.280
7603-1221 AAO AA Packing	MANHO	480		1		1	8.280
	MACHI	480	-	1		1	8.280
	AMO	480	-	1		1	8.280
7603-1051 PVO AA Salt Production	MANHO	420		1		1	8.340
	MACHI	420		1		1	8.340
	AMO	420		1		1	8.340
7603-1052 PVO Polymerization	MANHO	420		1		2	16.680
	MACHI	420		1		2	16.680
	AMO	420		1		2	16.680

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles 2d-Activity TOTAL

- maintenance
should be
reasonable
- c. Compare with
the previous
year

! In case of doubt, do not hesitate to ask the FRA for more details. If the calculation of the normal capacity doesn't follow the standard, you can ask the FRA to change the calculation. If you need help you can contact a process expert.

2C-ACTIVITY CYCLES

1. Check that all fields are completed
2. Make sure that it is simple (= significant & rounded figures)

Cost centers	7603-1021	7603-1221	7603-1051	7603-1052	7603-1252	7603-1001	7603-1201
7603-1001 EPO Compounding						100	
7603-1021 AAO AA Semi Production 1	100						
7603-1051 PYO AH Salt Production			100				
7603-1052 PYO Polymerisation				100			
7603-1101 EPO Blending						100	
7603-1201 EPO Packing							100
7603-1221 AAO AA Packing		100					
7603-1252 PYO Packing CNP & AMO					100		
7603-1400 EPO Utility						100	
7603-1402 EPO CP Production/Packing						100	
7603-1421 AAO STEAM	100						
7603-1422 AAO Compressed air	100						

Read me first | Cost centers | 2a-Activity Budget | 2b-Activity Hours | **2c-Activity Cycles** | 2d-Activity TOTAL

STEP 1

Once a file is completed you send it to group email for each region : GBS_Finance_Management_Acc_Bangkok@syensqo.com

GBS_Finance_Management_Acc_Curitiba@syensqo.com

GBS_Finance_Management_Acc_Lisbon@syensqo.com

They will :

- Upload the budget in the system
- Create the assessment cycle
- Calculate the standard rates

STEP 2

You can also update the check list for the IAC 01.01

Just update the columns with "Y" if the information is correctly completed or "N" if it is not.

RCOM Checklist IAC 01.01										
1	2				Validation		Comments	Contact	Last control	
	2a	2b	2c	WP1	PM	GCCO / RCOM				
Asia										
CH Baotou	✓	✓	✓	✓	✗	✓	File sent to the BO	xxx@solvay.com	15-11-2015	

i When there are changes in the cost centers structure, you must inform the person in charge

[Request the modification of a cost center](#)

I am informed once the standard rates are calculated in the system

You must compare the activity rates calculated in the system with what is in the file sent by the FRA

In SAP, you must use the transaction KSBT

In the file IAC 01.01, use the tab : 2b-Activity TOTAL



When the model is too complex, the simulation made in the excel file doesn't work then you have to make further investigation

STEP 1

Open the transaction KSBT

Enter :

1. The group of cost centers (usually the plant code)
2. Version = 0
3. Enter the fiscal year
4. From Period 1 to 12

Execute



Activity Type Price Report: Initial Screen

Selection Options

Cost Center
Cost Center Group: 7603
or
Cost Center(s):
to:

Activity Type
Activity Type Group:
or
Activity Type(s):
to:

Selection Parameters
Version: 0
Fiscal Year: 2015
From Period: 1 to 12
Price Indicator:
Price Unit: 1

☐ Display Only Activity Prices Used for Allocation
☐ Display All Selected Prices

STEP 2

Activity Type Price Report

1. List of cost centers
2. Activity types
3. Price per hour



Make sure you selected the activity price in **object currency** otherwise you must change the layout

Activity Type Price Report: Overview Screen

Cost Center Group: 7603
Activity Type: 0
Version: 2015
Period: 1 To 12
Price unit: 1

Cost Center	Cost ctr short text	ActTyp	A...	ObCur	Fix+vbl.price	OCrCy
7603-1001	EPO Compounding	AMO	H	KRW	30,430	
	EPO Compounding	MACHI	H	KRW	118,338	
	EPO Compounding	MANHO	H	KRW	62,845	
7603-1021	AAO AA Semi Prod1	AMO	H	KRW	538,647	
	AAO AA Semi Prod1	MACHI	H	KRW	940,942	
	AAO AA Semi Prod1	MANHO	H	KRW	503,502	
7603-1051	PYO AH Salt Prod.	AMO	H	KRW	27,218	
	PYO AH Salt Prod.	MACHI	H	KRW	11,916	
	PYO AH Salt Prod.	MANHO	H	KRW	11,916	
7603-1052	PYO Polymerization	AMO	H	KRW	168,585	
	PYO Polymerization	MACHI	H	KRW	271,403	
	PYO Polymerization	MANHO	H	KRW	166,067	
7603-1201	EPO Packing	AMO	H	KRW	263	
	EPO Packing	MACHI	H	KRW	0	

You can export the file in excel

STEP 3

Compare the activity rates with the tab : 2b-Activity TOTAL

If there are discrepancies, you must make further investigations

Activity Type Price Report: Overview Screen

Cost Center Group: 7603
Activity Type: 0
Version: 2015
Period: 1 To 12
Price unit: 1

Cost Center	Cost ctr short text	ActTyp	A...	ObCur	Fix+vbl.price	OCrCy
7603-1001	EPO Compounding	AMO	H	KRW	30,430	
	EPO Compounding	MACHI	H	KRW	118,338	
	EPO Compounding	MANHO	H	KRW	62,845	
7603-1021	AAO AA Semi Prod1	AMO	H	KRW	538,647	
	AAO AA Semi Prod1	MACHI	H	KRW	940,942	
	AAO AA Semi Prod1	MANHO	H	KRW	503,502	
7603-1051	PYO AH Salt Prod.	AMO	H	KRW	27,218	
	PYO AH Salt Prod.	MACHI	H	KRW	11,916	
	PYO AH Salt Prod.	MANHO	H	KRW	11,916	
7603-1052	PYO Polymerization	AMO	H	KRW	168,585	
	PYO Polymerization	MACHI	H	KRW	271,403	
	PYO Polymerization	MANHO	H	KRW	166,067	
7603-1201	EPO Packing	AMO	H	KRW	263	
	EPO Packing	MACHI	H	KRW	0	
7603-1221	AAO AA Packing	AMO	H	KRW	11,051	
	AAO AA Packing	MACHI	H	KRW	0	
	AAO AA Packing	MANHO	H	KRW	0	
7603-1232	PYO Packing OHP & AH	AMO	H	KRW	53,857	
	PYO Packing OHP & AH	MACHI	H	KRW	0	
	PYO Packing OHP & AH	MANHO	H	KRW	0	

2b-Activity TOTAL

Description	Normal capacity	7603-1021	7603-1221
	KRW		
Depreciation	9,499,600.000	4,460,000.000	91,500.000
Labor costs dir	10,406,000.000	4,169,000.000	-
Labor costs ind	-	-	-
Maintenance	17,984,000.000	7,791,000.000	-
Other CNP	-	-	-
AMO	9,499,600.000	4,460,000.000	91,500.000
MACHI	17,984,000.000	7,791,000.000	-
MANHO	10,406,000.000	4,169,000.000	-
AMO		8,280	8,280
MACHI		8,280	8,280
MANHO		8,280	8,280
AMO		538,647	11,051
MACHI		940,942	-
MANHO		503,502	-

2b-Activity Hours 2c-Activity Cycles 2d-Activity TOTAL

STEP 4

2A-ACTIVITY BUDGET

Compare the budget loaded in the system (you can use the t-code S_ALR_87013611) with the budget sent by the FRA

IAC 01.09

BUDGET KP07

Cost Center	Description	Cost elements	CNP Budget	Additional CNP	Normal capacity
			KRW	KRW	KRW
7603-1021	AA Direct Labor	98020300	4,169,000.000		4,169,000.000
	AA Ind. Labor + M + O	98030207	7,523,000.000	268,000.000	7,791,000.000
	AA AMO	98040200	4,460,000.000		4,460,000.000
7603-1221	AA Packing AMO	98040200	11,500.000		11,500.000
7603-1051	AH Salt direct labor	98020300	428,000.000		428,000.000
	AH Salt AMO	98040200	227,000.000		227,000.000
7603-1052	Polymer direct labor	98020300	2,770,000.000		2,770,000.000
	Polymer Ind. Labor + M + O	98030207	6,328,000.000	201,000.000	6,529,000.000
	Polymer AMO	98040200	2,812,000.000		2,812,000.000
7603-1202	PYO Packing AMO	98040200	620,000.000		620,000.000
7603-1001	EP Compounding Labor	98020300	3,009,000.000		3,009,000.000
	EP Ind. Labor + M + O	98030207	5,485,000.000	201,000.000	5,686,000.000
	EP AMO	98040200	1,457,000.000		1,457,000.000
7603-1201	EP Packing AMO	98040200	2,100.000		2,100.000

S_ALR_87013611

Date: 19.06.2015

Cost Center/Group: 7603-1021 AAO AA Semi Prod1
Period: 2015
Reporting period: 1 to 12 2015

Cost Element	Act. - Cost	Plan Cost
98020300 PERSONEL/2d-Activity		5,169,000.000
98030207 MAINTENANCE		7,791,000.000
98040200 DP SANITIZING ASSET		4,460,000.000
* Debit		16,420,000.000

2B-ACTIVITY HOURS

Compare the hours loaded in the system (you can use the t-code S_ALR_87013611) with the hours sent by the FRA

IAC 01.09										S_ALR_87013611									
ACTIVITIES - KP27										Date: DetachGroup 7600-1001 AAO AA Desc: Product Report: Import/Export 50001184 Reporting period(s): 1 to 12 2015									
Cost centers		Activities		10		15		Hours		Normal capacity		10		15		Hours		Normal capacity	
				Planned		Percentage		Planned		Planned		Planned		Percentage		Planned		Planned	
				manpower		change(s)		scope		costs		scope		costs		scope		costs	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1		1	
7600-1001 AAO AA Desc: Production 1		KARND		400		-		1		1		1		1		1</			

Cycle Master Data Extraction Report

[H]Cycle -strt with oper area	☒		to		
[H]Start Date			to		
[H]Text language		EN			
[H]Valid To			to		
[H]Created on			to		
[H]Date of last change			to		
[H]Date of the last exec			to		
[H]Type of allocation			to		
[H]Actual/plan indicator			to		
[S]Locked			to		

Choose the following variant "COSTING MODEL"

Variant name	Short Description	Environme... P
RESTR CYCLES	Restructuring cycles	A
COSTING MODEL	Costing model extraction	A

Updating the cycles and start date

Cycle Master Data Extraction Report

[H]Cycle -strt with oper area	☒	FO01cccc*	to		
[H]Start Date		01.01.2020	to	31.12.2020	
[H]Text language		EN			
[H]Valid To			to		
[H]Created on			to		
[H]Date of last change			to		

Cycle should be completed like this:

Multiple Selection for [H]Cycle -strt w

Select Single Values (2) Select

O.	Single value
☒	FO01CCCC*
☒	CHEFCCCC*

- FO01CCCC*: for COPA cycles
- CHEFCCCC*: for Assessment cycles

Start date, to be completed with the full year that is just ending

And now, transaction can be executed to get the following view

Cycle Master Data Extraction Report																
[H]Cycle	Valid From	[H]Cycle text	L	[H]Valid To	S	Created on	[H]Entered by	Changed On	Changed by	Seg.	Segment	[S]Segment text	L	Sender %	Assess. CE	[S]
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONU...	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONU...	alloc social charges R33310		3,00	9629200201	

Below see the details of this report:

The report is designed in PF2 & WP2 to extract CO cycle master data with standard ALV layout, which is compatible for kinds of cycles, including:

- COPA Actual assessment cycle
- COPA Plan assessment cycle (not used in RCS)
- Cost center Actual Assessment cycle
- Cost center Plan Assessment cycle
- Cost center Actual Distribution cycle
- Cost center Plan Distribution cycle

Column label in report output

As a cycle consists of kinds of information at header / segment level, and in each segment, there are fields for sender / receiver respectively, and even for receiver side, the percentage split can be applied for multi-receiver objects.

So, to facilitate identifying the column nature and improve the report understandability, a prefix is assigned for each column label:

- '[H]' stands for header level data, for example '[H]Cycle'.
- '[S]' stands for segment general data, for example '[S]Segment Name'.
- '[S-S]' stands for segment sender data, for example '[S-S]Sender Cost Center / grp'
- '[S-R]' stands for segment receiver data, for example '[S-R]IECRA'
- '[S-T]' stands for segment receiver (or sender) multi objects split data, for example '[S-T] Factor Value'.

Cycle master data extraction report							
[H]Table	[H]Cycle	[H]Start Date	[H]Cycle text	[H]Text language	[S]Segment number	[S]Segment Name	[S]Segment text
CCSS	Z0010228MA	01.01.2005	test maintenance externe	EN	1	MAINTFOR	external maintenance gorzow
CCSS	Z001BEP101	01.01.2002			1	WATER1	
CCSS	Z001BEP101	01.01.2002			2		
CCSS	Z001BEP				3		
CCSS	Z001BEP				4		
CCSS	Z001BEP101	01.01.2002			5	USTEAM1	
CCSS	Z001BEP101	01.01.2002			6	UOTHER1	

Two options available in output

As a cycle allows for the percentage split in the case of multi receiver objects, it makes difficult to show all information in a single output with good understandability.

With this consideration, 2 output options are designed:

Output Options

☒ Standard output
 ☐ Extended output with multi-object split

Output options

- Standard output
 - Each row represents a unique segment in a cycle, showing cycle header data / segment general data / sender data / receiver data.

- But multi-object split info is excluded here.
 - Column with '[S-T]' prefix in label is not available in the option.
- Extended output with multi-object split
 - This layout is recommended ONLY when user needs to check the multi-object split percentage.
 - Column with '[S-T]' prefix in label is feed in the option.
 - All multi-object split info is showed as extra rows, means, all rows showed in Standard layout will be showed here as well exactly, but append some extra rows which are dedicated to show the multi-object split info. In other words, Extended output = Standard output + extra entries for multi-object split info.

Coloring the entries for multi-object split info

- In Extended output with multi-object split, the extra entries for split info is highlighted in light green color. See below picture for example.
- PS: Another way to differentiate the extra entries is to use one of below 2 columns:
- [S-T] Sender / Receiver Indicator. When it is not Null, it's the extra entries.
- [S-T] Item Number. When it is not Null, it's the extra entries.

Cycle master data extraction report

[S]Segment number	[S]Segment Name	[S-T]Sender / Receiver Indicator	[S-T]Item Number	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
1	100							
1	100	R	1	10.00	7424	IECRA00006		
1	100	R	2	30.00	7424	IECRA00008		
1	100	R	3	20.00	7424	IECRA00009		
1	100	R	4	40.00	7424	IECRA00011		
2	110							
2	110	R	1	12.00	7424	IECRA000		
3	115T							
3	115T	R	1	50.00	7424	0002022	000237	IECRA00011
3	115T	R	2	50.00	7424	0002022	000237	IECRA00012
4	115							
4	115	R					000398	0002027650
4	115	R					000398	0002027650
4	115	R	3	10.00	000000000000053289	7424	0002000398	0002027650
4	115	R	4	10.00	000000000000053289	7424	0002000398	0002027650
4	115	R	5	10.00	000000000000053289	7424	0002000398	0002027650

Tips to know the cycle category

Below 3 columns can be used to understand the feature of certain cycle.

- [H]Table, to know it's cost center or COPA cycle
 - CCSS -- Cost center cycle
 - CE7Z0xx -- COPA cycle (Z0xx is the operation concern code)
- [H]Actual/plan indicator, to know it's Actual or Plan cycle.
 - I -- Actual
 - P -- Plan
- [H]Type of allocation, to know it's Assessment or Distribution cycle.
 - U -- Assessment
 - V -- Distribution
 - L -- Indirect activity allocation
 - ... etc.

Receiver / Sender multi-objects split

- In WP1, the percentage split is widely used at receiver side for multi-object case. But in some limited case, a specific amount is given to individual cost elements to restrict the allocation at sender side. For the both cases, in the report output, the information will be showed in the same columns with prefix '[S-T]'.
- For users, to know the split information is for receiver or sender, column '[S-F]Sender / Receiver Indicator' can answer,
 - when the value is 'R', the entry is for receiver factor,
 - when the value is 'S', the entry is for sender factor.

Cycle master data extraction report

[S-R]MAGNITUDE Market	[S-T]S...	Seq...	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
	R	1	20.00	0195-1000			
	R	2	50.00	0195-1100			
	R	3	10.00	0195-1110			
	R	4	10.00	0195-1200			
		5	5.00	0195-1300			
	F	6	5.00	0195-1400			
				0195-1000			
				0195-1100			
				0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	R	6	5.00	0195-1400			

R means receiver

Combine 'from' 'to' 'group' into one field

- When creating a cycle, to specify sender / receiver, user can input 'from' only to show a single object, or input 'from' and 'to' to show a range, or even use 'group' to show a collection list.
- In order to reduce the column quantity in the report output, the information in 'from' 'to' 'group' is combined into one single column.

Cycle master data extraction report

[S-R]Order Number	[S-R]Cost Center / grp	[S-R]Product number
A group	0228-FCE	
	0195-1000 to 0195-1300	
	0195-1000 to 0195-1300	
	0195-1000	
Single object	0195-1000	
	0195-1000 to 0195-1300	
	0195-1000 to 0195-1400	
From... to...	0195-1000 to 0195-1300	
	0195-2000	

'[H]Cycle' code start with operation concern

- When put cycle code as selection criteria, please start with the operation concern code then follow by cycle code, as this is the way SAP store the cycle master data in tables.
- As a tip, all below options work

Operating concern + cycle code

[H]Cycle -strt with oper area: Z026816000 to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

Operating concern + "*"

[H]Cycle -strt with oper area: Z026* to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

"*" + cycle code

[H]Cycle -strt with oper area: *816000 to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

No selection

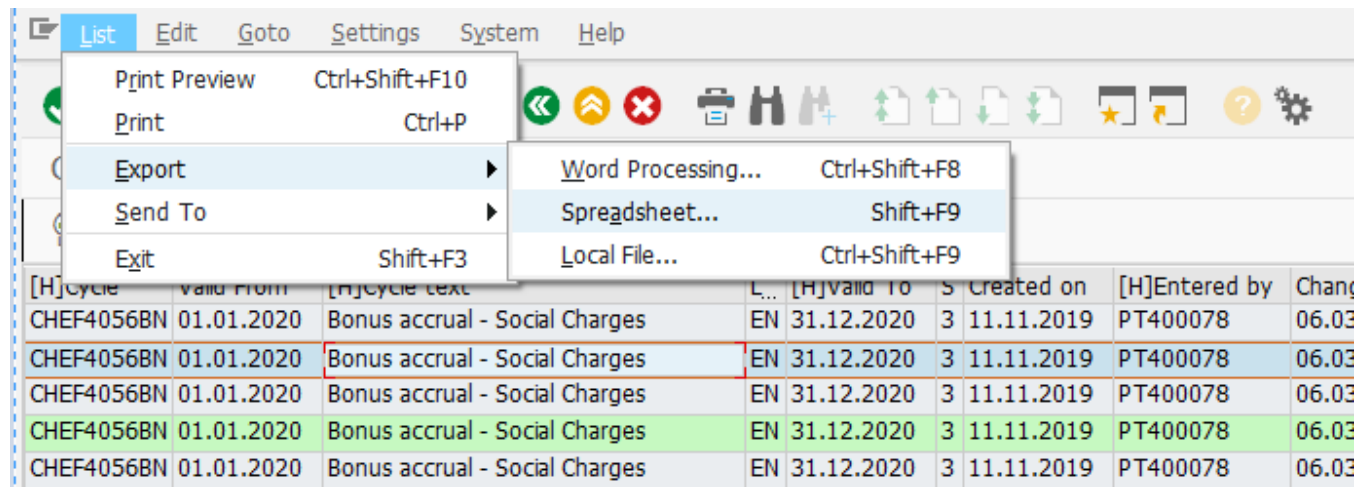
[H]Cycle: to

[H]Start Date: to

[H]Text language: EN

When transaction ZWFAR600 is executed and you have the list of all cycles, it is time to extract to excel.

1) Go to List Export Spreadsheet



This excel document will be the COSTING MODEL of your company.

1) Send through Solvay One the COSTING MODEL extracted in previous step to the FRA/Controller to be used in the review of the cycles for the new year

After the review, I receive from FRA the cycle changes for the new year.

- With the changes highlighted in the COSTING MODEL
- Or, changes detailed in the freshdesk

Depending on the type of cycle, I use KSU2, KEU2, KSV2

STEP 1

Start the transaction using transaction code KSU2

Change Actual Assessment Cycle: Initial Screen

Change Actual Assessment Cycle: Initial Screen

Cycle

Start Date

STEP 2

Enter the cycle code and the starting date

and

Change Actual Assessment Cycle: Initial Screen

Cycle

Start Date

If you don't know the Starting Date, do not insert the date, and choose the most recent one.

STEP 3

Open the Segment Overview dialog box



Click

Change Actual Assessment Cycle: Header Data

First segment Attach segment

Controlling Area: CEEF ERP SOLVAY

Cycle: 0125ID Status: Saved

Start Date: 01.01.2015 To: 31.12.2015

Text: Indirect Cycle

Indicators:

- ☒ Iterative
- ☐ Cumulative
- ☐ Cumulated Opt

Field Groups:

- ☒ Object Currency
- ☐ Transaction Currency

STEP 4

Select the segment to be updated and choose



Or create a new segment by clicking

Attach segment

Change Actual Assessment Cycle: Header Data

First segment Attach segment

Segment Overview

Cycle	Name	Text	Sort Field	S Sender Rule	R Rec Rule	Scale	Lock
ZU17400000	General services			1 Posted amou..3	Fixed perce..		
ZU17450000	General services			1 Posted amou..3	Fixed perce..		
ZU17460000	General services			1 Posted amou..3	Fixed perce..		
ZU10510000	Maintenance			1 Posted amou..1	Variable po..1		
ZU10520000	Maintenance			1 Posted amou..1	Variable po..1		
ZU1260000A	ENVIRONNEMENT			1 Posted amou..3	Fixed perce..		
ZU1260001F	ENVIRONNEMENT			1 Posted amou..3	Fixed perce..		
ZU1260003K	ENVIRONNEMENT			1 Posted amou..3	Fixed perce..		
ZU1260004A	ENVIRONNEMENT			1 Posted amou..3	Fixed perce..		
ZU1270002A	SAFETY HYGIENE			1 Posted amou..3	Fixed perce..		
ZU1270000A	SAFETY HYGIENE			1 Posted amou..3	Fixed perce..		
ZU10410000	Technical assistance			1 Posted amou..3	Fixed perce..		
ZU11120000	Internal logistic			1 Posted amou..3	Fixed perce..		
ZU11121000	Internal logistic			1 Posted amou..3	Fixed perce..		
ZU14110000	Laboratory (quality contr..			1 Posted amou..3	Fixed perce..		

No. of Segments: 21

Attach Segment

STEP 5

Make the appropriate changes to the segment as required



Please see [KSU1 - Create Actual Assessment Cycle](#) to better understand the changes that can be performed.

Change Actual Assessment Cycle: Segment

First segment Attach segment

Controlling Area: CEEF ERP SOLVAY

Cycle: 0125ID Indirect Cycle

Segment Name: ZU17400000 General services Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

Sender	From	To	Group
Cost Center	ZU17400000		
Cost Object			
Cost Element			
Receiver			
Order			
Cost Center			0125IDCC
Cost Object			
WBS Element			
Business entity			
Property			
Building			
Settlement unit			

You can lock a segment, by checking the lock indicator box

☒ Lock indicator

Change Actual Assessment Cycle: Segment

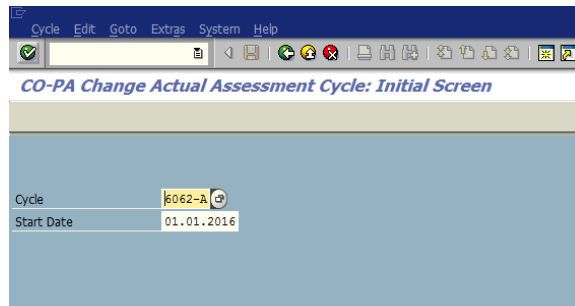
First segment Attach segment

Controlling Area: CEEF ERP SOLVAY

Cycle: 0125ID Indirect Cycle

Segment Name: ZU17400000 General services Lock indicator

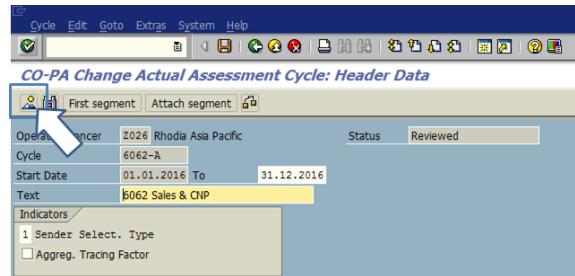
Segment Header Senders/Receivers Sender Values Receiver Tracing Factor



STEP 3

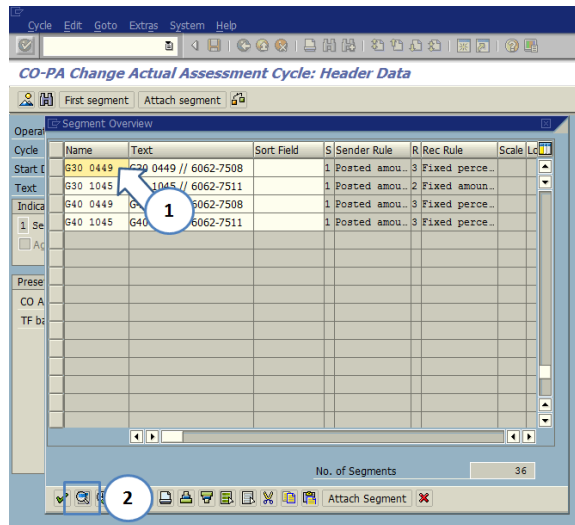
Open the Segment Overview dialog box

Click



STEP 4

Select the segment to be updated and choose



Or create a new segment by clicking

Attach segment

STEP 5

Make the appropriate changes to the segment as required and save



CO-PA Change Actual Assessment Cycle: Segment

Operating concern: 2026 Rhodia Asia Pacific
 Cycle: 6062-A 6062 Sales & CNP
 Segment Name: 630 0449 G30 0449 // 6062-7508 ☐ Lock indicator

Segment Header Senders/Receivers Receiver Tracing Factor

	From	To	Group
Trading Partner			
Sales Org.			
Distr. Channel			
Plant			
IECRA	IECRA00449		
Profit Center C			
Enterprise			
Commercial Prod			
Product line 00			
Origin Type			
Movement type			
Payer country			
Payer area			

Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat...	Trans.	Trans.	Trans.	Screens	D...
KSV9_CHANGE...		PT99375362	31.10.2014	17:10:13	/SAPFNC/SAP...		PT99375362	260	0	0	1-572	14
KSV9_CHANGE...		PT99375362	31.10.2014	16:31:30	/SAPFNC/SAP...		PT99375362	35	0	0	140	14
KSV2_CHANGE...		PT99375362	31.10.2014	11:33:55	/SAPFNC/SAP...		PT99375362	37	0	0	148	14
KSV2_CHANGE...		PT99375362	31.10.2014	11:28:30	/SAPFNC/SAP...		PT99375362	245	0	0	980	14

STEP 6

It is also possible to perform mass changes on cycles in terms of dates.

To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSM and providing the respective list of the cycles to be changed.

Afterwards, IS Team will request to process the batches sessions created for this purpose.

STEP 1

Start the transaction using transaction code KSV2

i Change Actual Distribution Cycle: Initial Screen

! **Budget Distribution**
For budget distribution allocations insert KSV8.

Change Actual Distribution Cycle: Initial Screen

Cycle

Start Date

STEP 2

Enter the cycle code and the starting date

and

i If you don't know the Starting Date, do not insert

Change Actual Distribution Cycle: Initial Screen

Cycle

Start Date

the date,
and choose the most
recent one.

Enter ↵

STEP 3

Open the Segment Overview dialog
box



Change Actual Distribution Cycle: Header Data

First segment Attach segment

Controlling Area CREF ERP SOLVAY
Cycle 0244DV Status Saved
Start Date 01.01.2015 To 31.12.2015
Text Insurance + IAS

Indicators
☒ Iterative
☐ Cumulative
☐ Cumulated Opt

Field Groups
☐ Consumption
☒ Object Currency
☐ Transaction Curren

STEP 4

Select the segment to be updated
and choose 

Or create a new segment by clicking

Attach segment

Change Actual Distribution Cycle: Header Data

First segment Attach segment

Controlling Area CREF ERP SOLVAY
Cycle 0244DV Status Saved
Start Date 01.01.2015 To 31.12.2015
Text Insurance + IAS

Indicators
☒ Iterative
☐ Cumulative
☐ Cumulated

Segment Overview

Name	Text	Sort Field	S Sender Rule	R/Rec Rule	Scale	Lu
611103000B	Auto Insurance Allocated		1 Posted amou..	1 Variable po..	1	
6111060000	Personnel / Travel		1 Posted amou..	1 Variable po..	1	
S5800IAS19	IAS19		1 Posted amou..	1 Variable po..	1	

No. of Segments 3

STEP 5

Make the appropriate changes to
the segment as required



Please see [KSV1 - Create Actual Distribution Cycle](#) to better understand the changes that can be performed.

Change Actual Distribution Cycle: Segment

Attach segment

Controlling Area CREF ERP SOLVAY
Cycle 0244DV Insurance + IAS
Segment Name 611103000B Auto Insurance Allocated ☐ Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

	From	To	Group
Sender			
Cost Center	S5800000IN		
Cost Element	6111030000		
Cost Object			
Receiver			
Order			
Cost Center			E_0244
Cost Object			
WBS Element			
Business entity			
Property			
Building			
Settlement unit			

STEP 6

After the appropriate changes to the segment, click on  , to do a Formal Check.



If there is any errors you need to analyse and correct.



Disregard Warnings 

STEP 7

After the appropriate changes and the formal check Save .

STEP 8

It is also possible to perform mass changes on cycles in terms of dates.

To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSWM and providing the respective list of the cycles to be changed.

Afterwards, IS Team will request to process the batches sessions created for this purpose

Change Actual Distribution Cycle: Segment

◀ ▶ 📁 👤 🖨️ Attach segment 🔒

6111030008: Display messages

Type	Message text	Clear
***	General messages for segment 6111030008	
✓	Secondary postings in cost center SS12600000 are not supported	
✓	Secondary postings in cost center SS12600001 are not supported	
✓	Cost center SS1260000A is not supported in all periods	
✓	Secondary postings in cost center SS131P0000 are not supported	
✓	Secondary postings in cost center SS131P0010 are not supported	
✓	Secondary postings in cost center SS131P0017 are not supported	
✓	Secondary postings in cost center SS131P0030 are not supported	
✓	Secondary postings in cost center SS131P0037 are not supported	
✓	Secondary postings in cost center SS131P0040 are not supported	
✓	Secondary postings in cost center SS131P0047 are not supported	
✓	Secondary postings in cost center SS131P0070 are not supported	
✓	Secondary postings in cost center SS131P9999 are not supported	
✓	Secondary postings in cost center SS14100899 are not supported	
✓	Secondary postings in cost center SS14101000 are not supported	
✓	Secondary postings in cost center SS14102000 are not supported	

Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat...	Trans.	0	✓	Screens D...
KS79_CHANGE...		PT99375362	31.10.2014	17:10:13	/SAPFNC/SAP...		PT99375362	393	0	0	1.572 [14]
KS79_CHANGE...		PT99375362	31.10.2014	16:31:59	/SAPFNC/SAP...		PT99375362	35	0	0	140 [14]
KS79_CHANGE...		PT99375362	31.10.2014	11:33:55	/SAPFNC/SAP...		PT99375362	37	0	0	148 [14]
KS79_CHANGE...		PT99375362	31.10.2014	11:28:30	/SAPFNC/SAP...		PT99375362	245	0	0	960 [14]

I inform FRA/Controller that the cycles are updated in SAP

IAC 01.01. Costing model validation

Process: [Product Costing](#)

Responsibility area: [Internal Control Monitor](#)

Risk

Wrong fixed cost absorption in inventory, plant costing model do not comply with group rules

Objective

[Service Unit Management accounting](#) control plant costing model yearly update

Process description

Costing model is the document which explains the way fixed costs and depreciations are allocated to product costing in order to determine the cost of sales and inventory valuation. [FRA are in charge of preparing the costing model based on the budget using the respective template of WP2 or provided by SU MAC](#) (e.g. extract of the cycle structure for PF2).

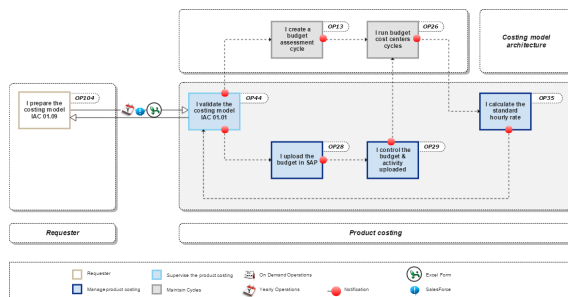
The instruction notes to complete the template of WP2, **under FRA responsibility**, are below:

[Costing Model - FRA preparation](#)

FRA asks for the validation of the GCCO.

Control description

[Service Unit Management Accounting](#) reviews through a checklist, costing models prepared by each [Finance responsible assigned \(FRA\)](#) of his/her zone and the respective update in SAP done by [Service Unit Management accounting](#). SU MAC is making sure that costing model has been reviewed and validated by the GCCO for each plant in the scope of internal control



Scope

WP2 / PF2

Frequency

Due date : January

Control owner

[Service Unit Management accounting](#) - Costing user by region

References

Error rendering

macro

'contentbylabel'

parameters should

not be empty

Content by label

There is no content with the specified labels

Control evidences

[IAC 01.01 Validation of costing model by SU MAC.xlsx](#)

- Checklist
- [Costing model - Provided by FRA](#)
- [Validation from GCCO - Provided by FRA](#)

[Costing Model - FRA preparation](#) <<
IAC 01.01. Costing model validation
>> [OP.013](#) & [OP.028](#)

Guideline

Download the file [IAC 01.01 Costing Model](#)

The check list refers to the template that must be completed by the FRA of each production site - [IAC 01.01. Costing model](#)

There is a link between Costing Model file & IAC 01.01

Costing Model file	IAC 01.01
Tab 1-Cost centers	Column B
Tab 2a-Activity Budget	Column C
Tab 2a-Activity Hours	Column D
Tab 2a-Activity Cycles	Column E

IAC 01.09

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles 2d-Activity TOTAL

IAC 01.01

RCOM Checklist IAC 01.01

	1	2a	2b	2c	WP1	PM	GCCO	RCOM	Comments	Contact	Last control
Europe											
ES Madrid	✓	✓	✓	✓	✓	✓	✓	✓	there is a mistake in the tab 2b	xxx@solvay.com	12-11-2015
FR Belle-Etoile	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solvay.com	15-11-2015
FR Butachimie Chalmard										xxx@solvay.com	
FR Chalmard										xxx@solvay.com	
FR Clamecy										xxx@solvay.com	
FR Collonges										xxx@solvay.com	
FR La Rochelle										xxx@solvay.com	
FR Melle										xxx@solvay.com	
FR Roussillon										xxx@solvay.com	

Make sure all production sites (2) in your scope (1) are listed with its contact (3)

	1	2a	2b	2c	WP1	PM	GCCO	RCOM	Comments	Contact	Last control
Asia											
CH Chengyang										PAN, jun	
CH Fengyang										YANG, peng	
CH Licang										ZHOU, xiaoyan	
CH Uyang										YANG, peng	
CH Shanghai										PAN, jun	
CH Zhangjiagang										LI, Jide	
CH Zhenjiang (aroma)										ZHANG, kevin	
CH Zhenjiang (silica)										XU, ling	
CH Zhenjiang (silica)										XU, ling	
CH Zhenjiang (silica)										ZHAO, ...	
IN Pan										PTHAN, ...	
IR Iran										CHEN, ...	
IR Iran										Han, ...	



Make sure you received all Costing Model file templates in your scope by November D10

Do not hesitate to send reminders in advance or/and plan meetings and calls with each FRA when you feel it is necessary

Once you receive the file [IAC 01.01. Costing model](#) sent by a FRA, you must perform several controls

READ ME FIRST

1. Check that all fields highlighted in yellow are completed
2. Check that you have the approval of the the plant manager & the GCCO to get their approval (3)

IAC.01.09 - Costing Model

Check list - Yellow fields must be completed before submission to the RCOM

Plant code: 7605

Plant name: Incheon

Year: 2015

Currency: KRW

GBU: SILICA

Save the file with the name: 2015_IAC 01.09_7605 Incheon SILICA

1-Cost centers: OK

2-Activity rates: OK

2a-Budget: OK

2b-Hours: OK

2c-Cycles: OK

3-Validation: OK

Read me first 1-Cost centers 2a-Activity Budget 2b-Activity Hours 2c-Activity Cycles

1-COST CENTERS

1. Check that all fields are completed

Cost center	Cost C	Description	First	Last	Status	Profit cent	Responsib	Group
7525	7603-1001	EPO Compounding	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1001	AAO AA Semi Production 1	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1001	PVO AA Salt Production	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1002	PVO Polymerization	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1101	EPO Blending	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1201	EPO Packing	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1211	AAO AA Packing	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1232	PVO Packing CNP & AAO	johan	CHOI	Active	Correct	Correct	EPDXX WORKSHOP
7525	7603-1400	EPO Utility	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1402	EPO OP Production/Packing	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1421	AAO STEAM	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1422	AAO Compressed air	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1423	AAO Water	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1424	AAO Electricity	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1425	AAO Waste Water Treatment	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1426	AAO Incinerator	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS

Read me first [Cost centers](#) [2a-Activity Budget](#) [2b-Activity Hours](#) [2c-Activity Cycles](#) [2d-Activity TOTAL](#)

2A-ACTIVITY BUDGET

1. Check that all fields are completed

Cost center	Description	Cost elements	CNP Budget CNY	Additional CNP CNY	Normal capacity CNY
7897-1101	Synth. Purif CF1-CF2	Labor costs dir	98320100	3,242,623	3,242,623
7897-1101	Synth. Purif CF1-CF2	Other CNP	98300041	7,390,789	7,390,789
7897-1101	Synth. Purif CF1-CF2	Maintenance	98300207	4,663,271	4,663,271
7897-1302	GUAIACOL PRODUCTION	Labor costs dir	98320100	794,470	794,470
7897-1302	GUAIACOL PRODUCTION	Other CNP	98300041	1,567,523	1,567,523
7897-1302	GUAIACOL PRODUCTION	Maintenance	98300207	709,584	709,584
7897-1401	IBCH	Labor costs dir	98320100	808,826	808,826
7897-1401	IBCH	Other CNP	98300041	1,382,610	1,382,610
7897-1401	IBCH	Maintenance	98300207	393,145	393,145
7897-1501	Flavor	Labor costs dir	98320100	1,007,498	1,007,498
7897-1501	Flavor	Other CNP	98300041	1,813,631	1,813,631
7897-1501	Flavor	Depreciation	98340100	7,244,222	7,244,222
7897-1501	Flavor	Maintenance	98300207	775,000	775,000

Read me first [Cost centers](#) [2a-Activity Budget](#) [2b-Activity Hours](#) [2c-Activity Cycles](#) [2d-Activity TOTAL](#)

2B-ACTIVITY HOURS

1. Check that all fields are completed
2. Control the calculation of the normal capacity
 - a. Other constraints must be explained : it can only be technical constraints (usually bottlenecks)
 - b. Number of hours for planned maintenance should be reasonable
 - c. Compare with the previous year

Cost centers	Activities	Hours					Normal capacity (h)
		Planned maintenance	Intercampaign changeovers	Included in recipe Drives / 1mo	(*1)Other constraints	Number of production lines	
7603-1021 AAO AA Semi Production 1	MANHO	480	-	1	-	1	8.280
	MACHI	480	-	1	-	1	8.280
	AMO	480	-	1	-	1	8.280
7603-1221 AAO AA Packing	MANHO	480	-	1	-	1	8.280
	MACHI	480	-	1	-	1	8.280
	AMO	480	-	1	-	1	8.280
7603-1051 PVO AA Salt Production	MANHO	420	-	1	-	1	8.340
	MACHI	420	-	1	-	1	8.340
	AMO	420	-	1	-	1	8.340
7603-1052 PVO Polymerization	MANHO	420	-	1	-	2	16.680
	MACHI	420	-	1	-	2	16.680
	AMO	420	-	1	-	2	16.680

Read me first [Cost centers](#) [2a-Activity Budget](#) [2b-Activity Hours](#) [2c-Activity Cycles](#) [2d-Activity TOTAL](#)



In case of doubt, do not hesitate to ask the FRA for more details. If the calculation of the normal capacity doesn't follow the standard, you can ask the FRA to change the calculation. If you need help you can contact a process expert.

2C-ACTIVITY CYCLES

1. Check that all fields are completed
2. Make sure that it is simple (= significant & rounded figures)

Cost centers	7603-1021	7603-1221	7603-1051	7603-1052	7603-1252	7603-1001	7603-1201
7603-1001 EPO Compounding						100	
7603-1021 AAO AA Semi Production 1	100						
7603-1051 PVO AA Self Production			100				
7603-1052 PVO Polymerization				100			
7603-1101 EPO Blending						100	
7603-1201 EPO Packing							100
7603-1221 AAO AA Packing		100					
7603-1252 PVO Packing CNP & AAO				100			
7603-1400 EPO Utility						100	
7603-1402 EPO CP Production/Packing						100	
7603-1421 AAO STEAM	100						
7603-1422 AAO Compressed air	100						

Read me first | Cost centers | 2a-Activity Budget | 2b-Activity Hours | 2c-Activity Cycles | 2d-Activity TOTAL

STEP 1

Once a file is completed you send it to group email for each region : GBS_Finance_Management_Acc_Bangkok@syensqo.com

GBS_Finance_Management_Acc_Curitiba@syensqo.com

GBS_Finance_Management_Acc_Lisbon@syensqo.com

They will :

- Upload the budget in the system
- Create the assessment cycle
- Calculate the standard rates

STEP 2

You can also update the check list for the IAC 01.01

Just update the columns with "Y" if the information is correctly completed or "N" if it is not.

RCOM Checklist IAC 01.01										
Aile	2				Validation			Comments	Contact	Last control
	1	2a	2b	2c	WPI	PM	GCCO	RCOM		
CH Baotou		✓	✓	✓	✓	✗	✓	✓	✗	File sent to the BO xxx@syensqo.com 15-11-2015



When there are changes in the cost centers structure, you must inform the person in charge

[Request the modification of a cost center](#)

I am informed once the standard rates are calculated in the system

You must compare the activity rates calculated in the system with what is in the file sent by the FRA

In SAP, you must use the transaction KSBT

In the file IAC 01.01, use the tab : 2b-Activity TOTAL



When the model is too complex, the simulation made in the excel file doesn't work then you have to make further investigation

STEP 1

Open the transaction KSBT

Enter :

1. The group of cost centers (usually the plant code)
2. Version = 0
3. Enter the fiscal year
4. From Period 1 to 12

Execute



Activity Type Price Report: Initial Screen

Selection Options

Cost Center
Cost Center Group: 7603 (1)
or
Cost Center(s): to (2)

Activity Type
Activity Type Group:
or
Activity Type(s): to (3)

Selection Parameters
Version: 0 (4)
Fiscal Year: 2015 (5)
From Period: 1 (6) to 12 (7)
Price Indicator: to (8)
Price Unit: 1 (9)

Display Only Activity Prices Used for Allocation
Display All Selected Prices

STEP 2

Activity Type Price Report

1. List of cost centers
2. Activity types
3. Price per hour



Make sure you selected the activity price in **object currency** otherwise you must change the layout

You can export the file in excel

Activity Type Price Report: Overview Screen					
Master Record					
Cost Center Group 7603 Activity Type 0 Fiscal Year 2015 Period 1 To 12 Price unit 1					
Cost Center	Cost ctr short text	ActTyp	A...	ObCur	Fxx+vbl.Price OCry
7603-1001	EPO Compounding	AMO	H	KRW	30,430
	EPO Compounding	MACHI	H	KRW	118,338
	EPO Compounding	MANHO	H	KRW	62,845
7603-1021	AAO AA Semi Prodt1	AMO	H	KRW	538,647
	AAO AA Semi Prodt1	MACHI	H	KRW	940,942
	AAO AA Semi Prodt1	MANHO	H	KRW	503,502
7603-1051	PYO AH Salt Prod.	AMO	H	KRW	27,218
	PYO AH Salt Prod.	MACHI	H	KRW	11
	PYO AH Salt Prod.	MANHO	H	KRW	916
7603-1052	PYO Polymerization	AMO	H	KRW	168,585
	PYO Polymerization	MACHI	H	KRW	271,403
	PYO Polymerization	MANHO	H	KRW	166,067
7603-1201	EPO Packing	AMO	H	KRW	263
	EPO Packing	MACHI	H	KRW	0

STEP 3

Compare the activity rates with the tab : 2b-Activity TOTAL

If there are discrepancies, you must make further investigations

Activity Type Price Report: Overview Screen					
Master Record					
Cost Center Group 7603 Activity Type 0 Fiscal Year 2015 Period 1 To 12 Price unit 1					
Cost Center	Cost ctr short text	ActTyp	A...	ObCur	Fxx+vbl.Price OCry
7603-1001	EPO Compounding	AMO	H	KRW	30,430
	EPO Compounding	MACHI	H	KRW	118,338
	EPO Compounding	MANHO	H	KRW	62,845
7603-1021	AAO AA Semi Prodt1	AMO	H	KRW	538,647
	AAO AA Semi Prodt1	MACHI	H	KRW	940,942
	AAO AA Semi Prodt1	MANHO	H	KRW	503,502
7603-1051	PYO AH Salt Prod.	AMO	H	KRW	27,218
	PYO AH Salt Prod.	MACHI	H	KRW	11
	PYO AH Salt Prod.	MANHO	H	KRW	916
7603-1052	PYO Polymerization	AMO	H	KRW	168,585
	PYO Polymerization	MACHI	H	KRW	271,403
	PYO Polymerization	MANHO	H	KRW	166,067
7603-1201	EPO Packing	AMO	H	KRW	263
	EPO Packing	MACHI	H	KRW	0

Description	Normal capacity KRW	7603-1021	7603-1221
Depreciation	9.499.600.000	4.460.000.000	91.500.000
Labor costs dir	10.406.000.000	4.169.000.000	-
Labor costs ind	-	-	-
Maintenance	17.984.000.000	7.791.000.000	-
Other CNP	-	-	-
AMO	9.499.600.000	4.460.000.000	91.500.000
MACHI	17.984.000.000	7.791.000.000	-
MANHO	10.406.000.000	4.169.000.000	-
AMO		8.280	8.280
MACHI		8.280	8.280
MANHO		8.280	8.280
AMO		538.647	11.051
MACHI		940.942	-
MANHO		503.502	-

STEP 4

2A-ACTIVITY BUDGET

Compare the budget loaded in the system (you can use the t-code S_ALR_87013611) with the budget sent by the FRA

IAC 01.09					S_ALR_87013611		
BUDGET - KP07					Cost: Overview: Actual/Plan/Variance Date: 15.06.2015		
Cost centers	Description	Cost elements	CNP Budget KRW	Additional CNP KRW	Normal capacity KRW		
7603-1021	AA Direct Labor	98032000	4.189.000.000		4.169.000.000		
	AA Ind. Labor + M + O	98032007	7.533.000.000	268.000.000	7.791.000.000		
	AA AMO	98040100	4.460.000.000		4.460.000.000		
7603-1221	AA Packing AMO	98040100	91.500.000		91.500.000		
7603-1051	AH Salt direct labor	98032000	458.000.000		458.000.000		
	AH Salt AMO	98040100	277.000.000		277.000.000		
7603-1052	Polymer direct labor	98032000	2.770.000.000		2.770.000.000		
	Polymer ind. Labor + M + O	98032007	4.126.000.000	201.000.000	4.327.000.000		
	Polymer AMO	98040100	2.812.000.000		2.812.000.000		
7603-1252	PYO Packing AMO	98040100	450.000.000		450.000.000		
7603-1001	EP Compounding Labor	98032000	3.009.000.000		3.009.000.000		
	EP Ind. Labor + M + O	98032007	5.848.000.000	201.000.000	6.049.000.000		
	EP AMO	98040100	1.457.000.000		1.457.000.000		
7603-1201	EP Packing AMO	98040100	2.100.000		2.100.000		

S_ALR_87013611

Cost: Overview: Actual/Plan/Variance Date: 15.06.2015			
Cost Center/Group	7603-1021	AAO AA Semi Prodt1	
Period	5/2015		
Reporting period:	1 to 12 2015		
Cost Element	Act.	Costs	Plan Comp.
98032000 PERSONNEL/PAID/LABOR			5.169.000.000
98032007 MAINTENANCE			7.791.000.000
98040100 EP SALT/DIRECT LABOR			4.460.000.000
98040100 EP SALT/DIRECT LABOR			16.420.000.000

2B-ACTIVITY HOURS

Compare the hours loaded in the system (you can use the t-code S_ALR_87013611) with the hours sent by the FRA

IAC 01.09					S_ALR_87013611		
ACTIVITIES - KP07					Cost: Overview: Actual/Plan/Variance Date: 15.06.2015		
Cost centers	Activities	Planned elements	Hours	Normal capacity			
7603-1021	AAO AA Semi Prodt1	98032000	1	1	5.169.000.000		
	AAO AA Semi Prodt1	98032007	1	1	7.791.000.000		
	AAO AA Semi Prodt1	98040100	1	1	4.460.000.000		
7603-1221	AAO AA Packing	98040100	1	1	91.500.000		
7603-1051	PYO AH Salt Production	98032000	1	1	458.000.000		
	PYO AH Salt Production	98040100	1	1	277.000.000		
7603-1052	PYO Polymerization	98032000	1	1	2.770.000.000		
	PYO Polymerization	98032007	1	1	4.327.000.000		
	PYO Polymerization	98040100	1	1	2.812.000.000		
7603-1252	PYO Packing	98040100	1	1	450.000.000		
7603-1001	EPO Compounding	98032000	1	1	3.009.000.000		
	EPO Compounding	98032007	1	1	6.049.000.000		
	EPO Compounding	98040100	1	1	1.457.000.000		
7603-1201	EPO Packing	98040100	1	1	2.100.000		

S_ALR_87013611

Cost: Overview: Actual/Plan/Variance Date: 15.06.2015			
Cost Center/Group	7603-1021	AAO AA Semi Prodt1	
Period	5/2015		
Reporting period:	1 to 12 2015		
Activity Type	Act.	Hours	Plan Comp.
98032000 PERSONNEL/PAID/LABOR			5.169.000.000
98032007 MAINTENANCE			7.791.000.000
98040100 EP SALT/DIRECT LABOR			4.460.000.000
98040100 EP SALT/DIRECT LABOR			16.420.000.000

2C-ACTIVITY CYCLES

Compare the cycle created in the system (code = PPPPBU => PPPP = plant code) with the t-code KSU9

IAC 01.09

Cost centers	8035-1000	8035-1001	8035-1002	8035-1003	8035-1004
8035-1000 ZIG GH	40	10	4	38	10
8035-1001 ZIG Plant Manager	40	10	4	38	10
8035-1002 ZIG Plant Supervisor1	40	10	4	38	10
8035-1003 ZIG Plant Supervisor2	40	10	4	38	10
8035-1004 Team and resources	40	10	4	38	10
8035-1001 HSE Supplies	40	10	4	38	10
8035-1002 Utilities - Power	40	10	4	38	10
8035-1003 Utilities - Water	40	10	4	38	10
8035-1004 Quality assurance	40	10	4	38	10
8035-1005 Quality control lab	40	10	4	38	10

KSU9

Controlling Area: 8035 Rhoda Asia Pacific
 Cycle: 8035087 8035 Hengchang - Budget
 Segment Name: 8035-1000 ZIG GH

Segment Header / Sender/Receiver / Sender Values / Receiver Tracing Factor

Sender: 8035-1000
 Cost Center: 8035-1000
 Cost Element:

Receiver: 8035-1000
 8035-1001
 8035-1002
 8035-1003
 8035-1004
 8035-1005

STEP 5

Inform the person who calculated the standard in the system if there is a mistake in the system

I inform the requester that the standard rates are in the system

STEP 1

Once the standard rates of a plant are loaded in WP2 and approved you must update the check list

RCOM Checklist IAC 01.01									
1	2a	2b	2c	WP1	Validation PM	Comments	Contact	Last control	
Asia									
Ch Baotou	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	05-12-2015	

STEP 2

Once the check list is fully completed for your scope, you must uploaded in the dedicated folder in the IAC controls repository

RCOM Checklist IAC 01.01									
1	2a	2b	2c	WP1	Validation PM	Comments	Contact	Last control	
China									
Ch Baotou	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	05-12-2015	
Ch Chengyang	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	06-12-2015	
Ch Feixiang	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	07-12-2015	
Ch Licang	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	08-12-2015	
Ch Liyang	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	09-12-2015	
Ch Shanghai	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	10-12-2015	
Ch Zhangjiagang	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	11-12-2015	
Ch Zhenjiang (Aroma)	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	12-12-2015	
Ch Zhenjiang (Novicare)	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	13-12-2015	
Ch Zhuhai	✓	✓	✓	✓	✓	Fully completed	xxx@solway.com	13-12-2015	

Use transaction ZWFAR600 to extract the cycles for the year that is ending.

Cycle Master Data Extraction Report

[H]Cycle -strt with oper area ☐ to

[H]Start Date to

[H]Text language to

[H]Valid To to

[H]Created on to

[H]Date of last change to

[H]Date of the last exec to

[H]Type of allocation to

[H]Actual/plan indicator to

[S]Locked to

Choose the following variant "COSTING MODEL"

Variant name	Short Description	Environment	P
RESTR CYCLES	Restructuring cycles	A	
COSTING MODEL	Costing model extraction	A	

Updating the cycles and start date

Cycle Master Data Extraction Report

☒ ☐

[H]Cycle -strt with oper area	☒ F001cccc*	to		
[H]Start Date	01.01.2020	to	31.12.2020	
[H]Text language	EN			
[H]Valid To		to		
[H]Created on		to		
[H]Data of last change		to		

Cycle should be completed like this:

Multiple Selection for [H]Cycle -strt w

Select Single Values (2)

O. Single value

☒ F001CCCC*

☒ CHEFCCCC*

- F001CCCC*: for COPA cycles
- CHEFCCCC*: for Assessment cycles

Start date, to be completed with the full year that is just ending

And now, transaction can be executed to get the following view

Cycle Master Data Extraction Report																
[H]Cycle	Valid From	[H]Cycle text	L	[H]Valid To	S	Created on	[H]Entered by	Changed On	Changed by	Seg...	Segment	[S]Segment text	L	Sender %	Assess. CE	[S]
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONUS	alloc social charges R33310		3,00	9629200201	

Below see the details of this report:

The report is designed in PF2 & WP2 to extract CO cycle master data with standard ALV layout, which is compatible for kinds of cycles, including:

- COPA Actual assessment cycle
- COPA Plan assessment cycle (not used in RCS)
- Cost center Actual Assessment cycle
- Cost center Plan Assessment cycle
- Cost center Actual Distribution cycle
- Cost center Plan Distribution cycle

Column label in report output

As a cycle consists of kinds of information at header / segment level, and in each segment, there are fields for sender / receiver respectively, and even for receiver side, the percentage split can be applied for multi-receiver objects.

So, to facilitate identifying the column nature and improve the report understandability, a prefix is assigned for each column label:

- '[H]' stands for header level data, for example '[H]Cycle'.
- '[S]' stands for segment general data, for example '[S]Segment Name'.
- '[S-S]' stands for segment sender data, for example '[S-S]Sender Cost Center / grp'
- '[S-R]' stands for segment receiver data, for example '[S-R]IECRA'
- '[S-T]' stands for segment receiver (or sender) multi objects split data, for example '[S-T] Factor Value'.

Cycle master data extraction report

[H]Table	[H]Cycle	[H]Start Date	[H]Cycle text	[H]Text language	[S]Segment number	[S]Segment Name	[S]Segment text
CCSS	Z0010228MA	01.01.2005	test maintenance externe	EN	1	MAINTFOR	external maintenance gorzow
CCSS	Z001BEP101	01.01.2002			1	WATER1	
CCSS	Z001BEP101	01.01.2002			2		
CCSS	Z001BEP101				3		
CCSS	Z001BEP101				4		
CCSS	Z001BEP101	01.01.2002			5	USTEAM1	
CCSS	Z001BEP101	01.01.2002			6	UOTHER1	

Two options available in output

As a cycle allows for the percentage split in the case of multi receiver objects, it makes difficult to show all information in a single output with good understandability.

With this consideration, 2 output options are designed:

Output Options

☒ Standard output

☐ Extended output with multi-object split

- Standard output
 - Each row represents a unique segment in a cycle, showing cycle header data / segment general data / sender data / receiver data.
 - But multi-object split info is excluded here.
 - Column with '[S-T]' prefix in label is not available in the option.
- Extended output with multi-object split
 - This layout is recommended ONLY when user needs to check the multi-object split percentage.
 - Column with '[S-T]' prefix in label is feed in the option.
 - All multi-object split info is showed as extra rows, means, all rows showed in Standard layout will be showed here as well exactly, but append some extra rows which are dedicated to show the multi-object split info. In other words, Extended output = Standard output + extra entries for multi-object split info.

Coloring the entries for multi-object split info

- In Extended output with multi-object split, the extra entries for split info is highlighted in light green color. See below picture for example.
- PS: Another way to differentiate the extra entries is to use one of below 2 columns:
- [S-T] Sender / Receiver Indicator. When it is not Null, it's the extra entries.
- [S-T] Item Number. When it is not Null, it's the extra entries.

Cycle master data extraction report

[S]Segment number	[S]Segment Name	[S-T]Sender / Receiver Indicator	[S-T]Item Number	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
1 100								
1 100		R	1	10.00	7424	IECRA00006		
1 100		R	2	30.00	7424	IECRA00008		
1 100		R	3	20.00	7424	IECRA00009		
1 100		R	4	40.00	7424	IECRA00011		
2 110								
2 110		R	1	12.00	7424	IECRA000		
3 115T								
3 115T		R	1	50.00	7424	0002027	000237	IECRA00011
3 115T		R	2	50.00	7424	0002027	000237	IECRA00012
4 115								
4 115		R						
4 115		R						
4 115		R	3	10.00	000000000000053289	7424	0002000398	0002027650
4 115		R	4	10.00	000000000000053289	7424	0002000398	0002027650
4 115		R	5	10.00	000000000000053289	7424	0002000398	0002027650

Standard entries

Extra entries

Tips to know the cycle category

Below 3 columns can be used to understand the feature of certain cycle.

- [H]Table, to know it's cost center or COPA cycle
 - CCSS -- Cost center cycle
 - CE7Z0xx -- COPA cycle (Z0xx is the operation concern code)
- [H]Actual/plan indicator, to know it's Actual or Plan cycle.
 - I -- Actual
 - P -- Plan
- [H]Type of allocation, to know it's Assessment or Distribution cycle.
 - U -- Assessment
 - V -- Distribution
 - L -- Indirect activity allocation
 - ... etc.

Receiver / Sender multi-objects split

- In WP1, the percentage split is widely used at receiver side for multi-object case. But in some limited case, a specific amount is given to individual cost elements to restrict the allocation at sender side. For the both cases, in the report output, the information will be showed in the same columns with prefix '[S-T]'.
- For users, to know the split information is for receiver or sender, column '[S-F]Sender / Receiver Indicator' can answer,
 - when the value is 'R', the entry is for receiver factor,
 - when the value is 'S', the entry is for sender factor.

Cycle master data extraction report

[S-R]MAGNITUDE Market	[S-T]S...	Seq..	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
	R	1	20.00	0195-1000			
	R	2	50.00	0195-1100			
	R	3	10.00	0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	F	6	5.00	0195-1400			
				0195-1000			
				0195-1100			
				0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	R	6	5.00	0195-1400			

R means receiver

Combine 'from' 'to' 'group' into one field

- When creating a cycle, to specify sender / receiver, user can input 'from' only to show a single object, or input 'from' and 'to' to show a range, or even use 'group' to show a collection list.
- In order to reduce the column quantity in the report output, the information in 'from' 'to' 'group' is combined into one single column.

Cycle master data extraction report

[S-R]Order Number	[S-R]Cost Center / grp	[S-R]Product number
A group	0228-FCE	
	0195-1000 to 0195-1300	
	0195-1000 to 0195-1300	
Single object	0195-1000	
	0195-1000	
	0195-1000 to 0195-1300	
From... to...	0195-1000 to 0195-1400	
	0195-1000 to 0195-1300	
	0195-2000	

'[H]Cycle' code start with operation concern

- When put cycle code as selection criteria, please start with the operation concern code then follow by cycle code, as this is the way SAP store the cycle master data in tables.
- As a tip, all below options work

Operating concern + cycle code

[H]Cycle -strt with oper area: Z026816000 to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

Operating concern + "*"

[H]Cycle -strt with oper area: Z026* to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

"*" + cycle code

[H]Cycle -strt with oper area: *816000 to

[H]Start Date: 01. 01. 2015 to

[H]Text language: EN

No selection

[H]Cycle: to

[H]Start Date: to

[H]Text language: EN

When transaction ZWFAR600 is executed and you have the list of all cycles, it is time to extract to excel.

1) Go to List Export Spreadsheet

Menu: List Edit Goto Settings System Help

Print Preview Ctrl+Shift+F10

Print Ctrl+P

Export

Send To

Exit Shift+F3

Word Processing... Ctrl+Shift+F8

Spreadsheet... Shift+F9

Local File... Ctrl+Shift+F9

[H]Cycle	Valid From	[H]Cycle text	L...	[H]Valid To	S	Created on	[H]Entered by	Chang
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03

This excel document will be the COSTING MODEL of your company.

1) Send through Solvay One the COSTING MODEL extracted in previous step to the FRA/Controller to be used in the review of the cycles for the new year

After the review, I receive from FRA the cycle changes for the new year.

- With the changes highlighted in the COSTING MODEL
- Or, changes detailed in the freshdesk

Depending on the type of cycle, I use KSU2, KEU2, KSV2

STEP 1

Start the transaction using transaction code KSU2



Change Actual Assessment Cycle: Initial Screen

Change Actual Assessment Cycle: Initial Screen

Cycle
Start Date

STEP 2

Enter the cycle code and the starting date

and

ENTER ↵

Change Actual Assessment Cycle: Initial Screen

Cycle
Start Date



If you don't know the Starting Date, do not insert

the date,
and choose the most recent one.

ENTER ↵

STEP 3

Open the Segment Overview dialog box

Click



Change Actual Assessment Cycle: Header Data

First segment Attach segment

Conv. Area CEEF ERP SOLVAY

Cycle 0125ID Status Saved

Start Date 01.01.2015 To 31.12.2015

Text Indirect Cycle

Indicators

- ☒ Iterative
- ☐ Cumulative
- ☐ Cumulated Opt

Field Groups

- ☒ Object Currency
- ☐ Transaction Currency

STEP 4

Select the segment to be updated

and choose



Or create a new segment by clicking

Attach segment

Change Actual Assessment Cycle: Header Data

First segment Attach segment

Segment Overview

Name	Text	Sort Field	S Sender Rule	R Rec Rule	Scale	Loc
ZU17400000	General services		1 Posted amou..	3 Fixed perce..		
ZU17450000	General services		1 Posted amou..	3 Fixed perce..		
ZU17460000	General services		1 Posted amou..	3 Fixed perce..		
ZU10510000	Maintenance		1 Posted amou..	1 Variable po..	1	
ZU10520000	Maintenance		1 Posted amou..	1 Variable po..	1	
ZU1260000A	ENVIRONNEMENT		1 Posted amou..	3 Fixed perce..		
ZU1260001F	ENVIRONNEMENT		1 Posted amou..	3 Fixed perce..		
ZU1260003K	ENVIRONNEMENT		1 Posted amou..	3 Fixed perce..		
ZU1260004A	ENVIRONNEMENT		1 Posted amou..	3 Fixed perce..		
ZU1270002A	SAFETY HYGIENE		1 Posted amou..	3 Fixed perce..		
ZU1270000A	SAFETY HYGIENE		1 Posted amou..	3 Fixed perce..		
ZU10410000	Technical assistance		1 Posted amou..	3 Fixed perce..		
ZU11120000	Internal logistic		1 Posted amou..	3 Fixed perce..		
ZU11210000	Internal logistic		1 Posted amou..	3 Fixed perce..		
ZU14110000	Laboratory (quality contr..		1 Posted amou..	3 Fixed perce..		

No. of Segments 21

Attach Segment

STEP 5

Make the appropriate changes to the segment as required



Please see [KSU1 - Create Actual Assessment Cycle](#) to better understand the changes that can be performed.

Change Actual Assessment Cycle: Segment

Controlling Area CREF ERP SOLVAY

Cycle 0125ID Indirect Cycle

Segment Name ZU17400000 General services Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

Sender	From	To	Group
Cost Center	ZU17400000		
Cost Object			
Cost Element			
Receiver			
Order			
Cost Center			0125IDCC
Cost Object			
WBS Element			
Business entity			
Property			
Building			
Settlement unit			

You can lock a segment, by checking the lock indicator box

Lock indicator

Change Actual Assessment Cycle: Segment

Controlling Area CREF ERP SOLVAY

Cycle 0125ID Indirect Cycle

Segment Name ZU17400000 General services Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

STEP 6

After the appropriate changes to

the segment, click on , to do a Formal Check.

Change Actual Assessment Cycle: Segment

Controlling Area CREF ERP SOLVAY

Cycle 0125ID Indirect Cycle

Segment Name ZU17400000 General services

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor



If there is any errors you need to analyse and correct.



Disregard Warnings

CP e111030008: Display messages

Type	Message text	Icon
***	General messages for segment 6111030008	
Secondary postings in cost center S512400000 are not supported		
Secondary postings in cost center S512400001 are not supported		
Cost center S51240000A is not supported in all periods		
Secondary postings in cost center S5131P0010 are not supported		
Secondary postings in cost center S5131P0017 are not supported		
Secondary postings in cost center S5131P0030 are not supported		
Secondary postings in cost center S5131P0037 are not supported		
Secondary postings in cost center S5131P0040 are not supported		
Secondary postings in cost center S5131P0047 are not supported		
Secondary postings in cost center S5131P0070 are not supported		
Secondary postings in cost center S5131P0089 are not supported		
Secondary postings in cost center S516100999 are not supported		
Secondary postings in cost center S516101000 are not supported		
Secondary postings in cost center S516102010 are not supported		

Technical Information

STEP 7

After the appropriate changes and
the formal check Save .

STEP 8

It is also possible to perform mass
changes on cycles in terms of
dates.

To do so, please contact IS Team
by the appropriate tool, requesting
the creation of a LSMW and
providing the respective list of the
cycles to be changed.

Afterwards, IS Team will request to
process the batches sessions
created for this purpose.

Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat...	Trans.	3	✓	Screens	D...
KSTP9_CHANGE		PT99375362	31.10.2014	17:10:13	/SAPFMC/SAP...		PT99375362	393	0	0	1.572	14
KSTP9_CHANGE		PT99375362	31.10.2014	16:31:50	/SAPFMC/SAP...		PT99375362	35	0	0	140	14
KSTP2_CHANGE		PT99375362	31.10.2014	11:33:55	/SAPFMC/SAP...		PT99375362	37	0	0	148	14
KSTP2_CHANGE		PT99375362	31.10.2014	11:28:30	/SAPFMC/SAP...		PT99375362	245	0	0	960	14



Before starting, make sure you are in the right operating concern with [KEBC - Setting Operating concern](#). List of operating concern : [Rules - CO structure](#)

STEP 1

Start the transaction using
transaction code KEU2



CO-PA Change Actual
Assessment: Initial Screen

Cycle Edit Goto Extras System Help

CO-PA Change Actual Assessment Cycle: Initial Screen

Cycle

Start Date

STEP 2

Enter the cycle code and the
starting date

and

Cycle Edit Goto Extras System Help

CO-PA Change Actual Assessment Cycle: Initial Screen

Cycle

Start Date

STEP 3

Open the Segment Overview dialog
box

Click 

Cycle Edit Goto Extras System Help

CO-PA Change Actual Assessment Cycle: Header Data

First segment Attach segment

Operator Rhodia Asia Pacific Status Reviewed

Cycle

Start Date To

Text

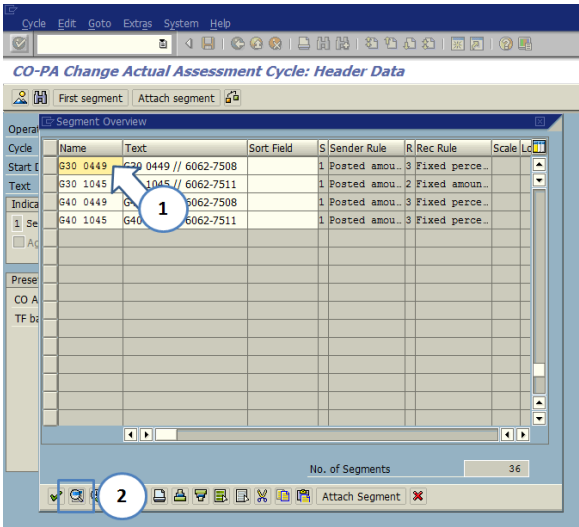
Indicators

1 Sender Select. Type

☐ Aggreg. Tracing Factor

STEP 4

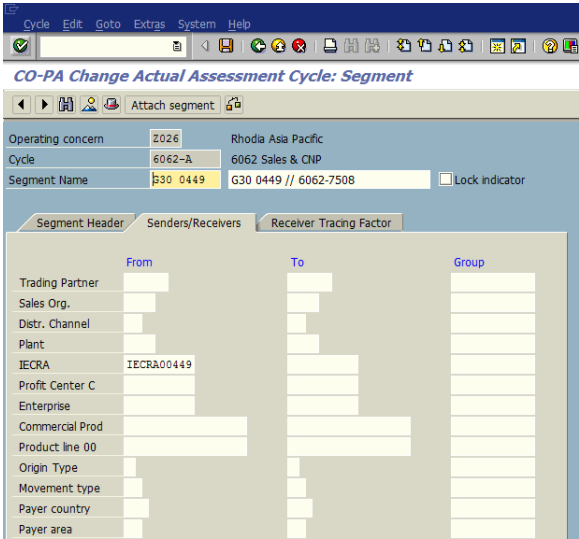
Select the segment to be updated
and choose 



Or create a new segment by clicking
Attach segment

STEP 5

Make the appropriate changes to the
segment as required and save 



STEP 6

It is also possible to perform mass
changes on cycles in terms of
dates.

Session name	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat...	Trans.	0	0	1.572	Screens D...
KSV2_CHANGE...	PT99375362	31.10.2014	17:10:13	/SAPFNC/SAP...		PT99375362	393	0	0	140	14
KSV2_CHANGE...	PT99375362	31.10.2014	16:31:30	/SAPFNC/SAP...		PT99375362	35	0	0	140	14
KSV2_CHANGE...	PT99375362	31.10.2014	11:33:55	/SAPFNC/SAP...		PT99375362	37	0	0	140	14
KSV2_CHANGE...	PT99375362	31.10.2014	11:28:30	/SAPFNC/SAP...		PT99375362	245	0	0	960	14

To do so, please contact IS Team
by the appropriate tool, requesting
the creation of a LSWM and
providing the respective list of the
cycles to be changed.

Afterwards, IS Team will request to
process the batches sessions
created for this purpose.

STEP 1

Start the transaction using
transaction code KSV2





Change Actual Distribution Cycle: Initial Screen



Budget Distribution

For budget distribution allocations insert KSV8.

Change Actual Distribution Cycle: Initial Screen

Cycle
Start Date

STEP 2

Enter the cycle code and the starting date

and 



If you don't know the Starting Date, do not insert

the date,
and choose the most recent one.



Change Actual Distribution Cycle: Initial Screen

Cycle 0244DV
Start Date 01.01.2015

STEP 3

Open the Segment Overview dialog box

Click 

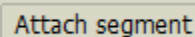
Change Actual Distribution Cycle: Header Data

 First segment		 Attach segment	
Controlling Area	CHEF	ERP SOLVAY	
Cycle	0244DV	Status	Saved
Start Date	01.01.2015	To	31.12.2015
Text Insurance + IAS			
Indicators		Field Groups	
☒ Iterative		☐ Consumption	
☐ Cumulative		☒ Object Currency	
☐ Cumulated Opt		☐ Transaction Curren	

STEP 4

Select the segment to be updated
and choose 

Or create a new segment by clicking



Change Actual Distribution Cycle: Header Data

First segment Attach segment

Controlling Area: CREF ERP SOLVAY
 Cycle: 0244DV Status: Saved
 Start Date: 01.01.2015 To: 31.12.2015
 Text: Insurance + IAS

Indicators: ☒ Iterative ☐ Cumulative ☐ Cumulated

Segment Overview

Name	Text	Sort Field	S Sender Rule	R/Rec Rule	Scale	Unit
6111030008	Auto Insurance Allocated		1 Posted amou..	1 Variable po..	1	
6111060000	Personnel / Travel		1 Posted amou..	1 Variable po..	1	
558001AS19	IAS19		1 Posted amou..	1 Variable po..	1	

No. of Segments: 3

STEP 5

Make the appropriate changes to the segment as required



Please see [KSV1 - Create Actual Distribution Cycle](#) to better understand the changes that can be performed.

Change Actual Distribution Cycle: Segment

Attach segment

Controlling Area: CREF ERP SOLVAY
 Cycle: 0244DV Insurance + IAS
 Segment Name: 6111030008 Auto Insurance Allocated ☐ Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

From	To	Group
Sender		
Cost Center: 55800000IN		
Cost Element: 6111030000		
Cost Object:		
Receiver		
Order:		
Cost Center:		E_0244
Cost Object:		
WBS Element:		
Business entity:		
Property:		
Building:		
Settlement unit:		

STEP 6

After the appropriate changes to

the segment, click on , to do a Formal Check.



If there is any errors you need to analyse and correct.

Change Actual Distribution Cycle: Segment

Attach segment

6111030008: Display messages

Type	Message text	Text
General messages for segment 6111030008	*****	
Secondary postings in cost center 5512400000 are not supported		
Secondary postings in cost center 5512400001 are not supported		
Cost center 5512400008 is not supported in all periods		
Secondary postings in cost center 55131P0000 are not supported		
Secondary postings in cost center 55131P0010 are not supported		
Secondary postings in cost center 55131P0017 are not supported		
Secondary postings in cost center 55131P0030 are not supported		
Secondary postings in cost center 55131P0037 are not supported		
Secondary postings in cost center 55131P0060 are not supported		
Secondary postings in cost center 55131P0067 are not supported		
Secondary postings in cost center 55131P0070 are not supported		
Secondary postings in cost center 55131P9999 are not supported		
Secondary postings in cost center 5516100999 are not supported		
Secondary postings in cost center 5516101000 are not supported		
Secondary postings in cost center 5516102000 are not supported		



Disregard Warnings



STEP 7

After the appropriate changes and
the formal check Save .

STEP 8

It is also possible to perform mass
changes on cycles in terms of
dates.

To do so, please contact IS Team
by the appropriate tool, requesting
the creation of a LSWM and
providing the respective list of the
cycles to be changed.

Afterwards, IS Team will request to
process the batches sessions
created for this purpose

New Incorrect Processed In Process In Background Being Created Locked											
Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat.	Trans.	Trans.	Trans.	Screens D. Q.
KST09_CHANGE_	☐	PT99375362	31.10.2014	17:10:13	/SAPFMC/SAP...		PT99375362	393	0	0	1.572 ☐ 14
KST09_CHANGE_	☐	PT99375362	31.10.2014	14:31:30	/SAPFMC/SAP...		PT99375362	35	0	0	140 ☐ 14
KST09_CHANGE_	☐	PT99375362	31.10.2014	11:35:50	/SAPFMC/SAP...		PT99375362	37	0	0	148 ☐ 14
KST02_CHANGE_	☐	PT99375362	31.10.2014	11:28:30	/SAPFMC/SAP...		PT99375362	243	0	0	960 ☐ 14

I inform FRA/Controller that the cycles are updated in SAP