


# I update R&D WBS

Process: [Costing Model Architecture](#)

Responsibility area: [Master data management](#)

 This document describes the transactions related to the process of R&D project modification.

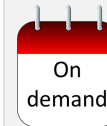
The R&D projects aims to track costs of R&D projects. In order to facilitate the capitalization of qualifying R&D projects, a time and cost-tracking system has been created using WBS (Work Breakdown Structure) in the accounting ERP system (SAP).

## Scope



PF2

Frequency



## References

## Attachments

[SBS-FRM-DRTR-02-019 - R&D Project Creation Template.xlsx](#)

I update R&D WBS

## Guideline

I receive the request to update a R&D WBS

### STEP 1

If a request is received to change project to Asset Under Construction (AUC) you should go to **CJ02**, insert the project code or WBS element

code and

You will see all the WBS structure of the project.

#### Change Project: Initial Screen

#### Change Project: Initial Screen

#### Change Project: WBS Element Overview

Summarization

Proj. def. R-105AIX085 X085 Product development for D540/640

S...	L...	WBS element	Description	Short ID	Typ	Pri	Su	PE	At...
1		R-105AIX085	X085 Product development for D540/640	ME-2015-03	R1			<input checked="" type="checkbox"/>	
1					R1			<input type="checkbox"/>	

#### Maintain Settlement Rule: Overview

WBS element R-105AIX085

Actual settlement X085 Product development for D540/640

Dist...	Receiver	Short Text	%	Equivalence no.	Amount	A. Se...	No. S...	From Per...	From...	To ...	To Fl...	Fl...
CTR	UNF1000001	2193E	100,00 0	0,00		PTL	1	10	2015	12	9999	911.

### STEP 2

Considering that it is not possible to change the WBS codification, and also not possible to change existing settlement, as you can see by the color (is not white) of fields of first line, you should create a new WBS, filling the second line of screen above, with the same codification, but ending with letter C (as for capitalization).

This new WBS will be set up for capitalization using type R2 and settlement to AUC as described in the current procedure. Keep the same WBS element codification (with C at the end), the same Description and the same Short ID; insert "2" in column "Level" and "R2" in column "Typ"; and select the same options of the first line in the columns "Su", "PE", "Acct" and "Bill"

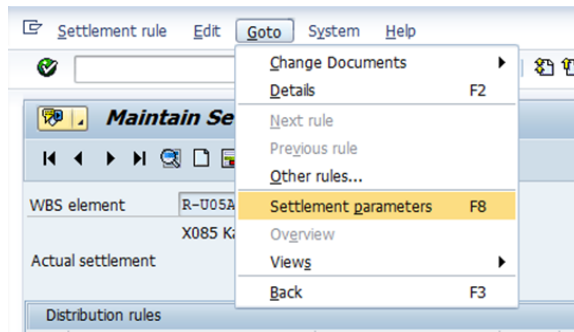
S..Level	WBS element	Description	Short ID	Typ	Pri	Su	PE	Acct	Bill
1	R-U05AUX085	X085 Kalx D540/640 - Next gen 2955	ME-2015-03	R1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	R-U05AUX085C	X085 Kalx D540/640 - Next gen 2955	ME-2015-03	R2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1				R1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**STEP 3**

Then you should select the first line and go to "Settlement Rule"

**Settlement Rule**

On the *Maintain Settlement Rule: Overview* screen, you should change the settlement parameters to WBS, tracking the menu "Goto" and the option "Settlement parameters", inserting the code "ZPS12" in the field of the Settlement profile and the code "BG" in the field of the Allocation structure.



WBS element: R-U05AUX085  
X085 Kalx D540/640 - Next gen 2955

Parameters

Description: R&D - WBS->WBS (CE original)

Settlement profile: ZPS12

Allocation structure: BG

PA transfer str.:

Source structure:

Asset Value Date:

Hierarchy number:

Strategy Sequence:

Entered by: PT63016524 on 22.10.2015

Last changed by: PT63022051 on 08.03.2016

**STEP 4**

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	Amount	A..Se...	No. S...	From Per...	From...	To...	To PL...	Prct
CTR	001000001	RBB 2195E	100,00	0	0,00	FTL	1	10	2015	2	2016	011
WBS	R-U05AUX085C							3	2016			

Then you should click on "Back (F3)"

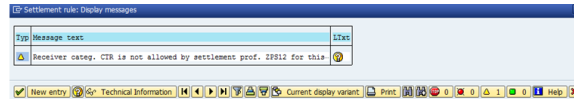


; insert the last period and the current year in the columns "To Period" and "To Fiscal Year" of first line, relative to old settlement receiver; insert "WBS" in the column "Cat", the code of changed project ending with letter C in the column "Settlement Receiver", and the current period and the current year in the columns "To Period" and "To Fiscal Year" of second line, as shown by the screen



bellow; and press two times.

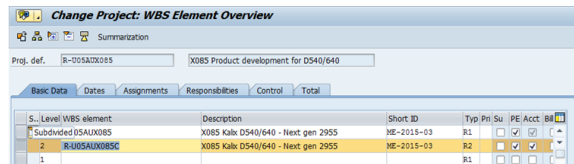
You will see in your screen the following message



And you should click on to continue.

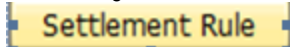
**STEP 5**

Then you should deselect the first line and select the second line

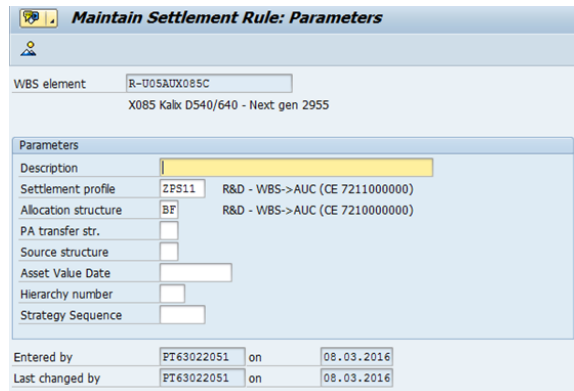


**STEP 6**

You should go to settlement rule



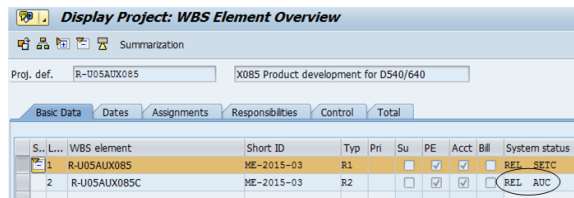
and change the settlement parameters to AUC, on the menu "Goto", "Settlement parameters", and insert the code "ZPS11" in the field of Settlement profile and the code "BF" in the field of Allocation structure



Finally, you should click on twice and save by clicking on

**STEP 7**

If you go to CJ03 (display mode), and insert the code of changed project you can verify the new System status in the column with same name as "REL AUC".



**STEP 1**

If a request is received to change a project to Fixed Asset

Go to **CJ02** and select the project

## Change Project: Initial Screen

Project Def.

WBS Element

### STEP 2

Select the WBS/Line where you want to create as final assets: **Extras -> Create completed Asset**

Project Edit Goto WBS element Details Extras System Help

Project summarization F8  
Create document  
Depreciation simulation data  
Asset under construction Ctrl+Shift+F2  
**Create completed asset**  
Investment program Ctrl+Shift+F1  
Settings

Change Project: WBS Element

Proj. def. R-U05ALX026 X026 P

S...	WBS element	Description	Short ID	Typ
1	R-U05ALX026	X026 PPA for Auto/EE (AE-4133)	AM-648	B2

### STEP 3

Go to the next screen and complete the missing information provided in the request: **Asset Class** and **Cost center**.

Create Asset:

Asset(s) to be created

Asset Class   
Company code / asset   
Number of similar assets   
 Subnumber

Reference

Company code / asset

Master data

Description   
Inventory number   
Business Area   
Cost Center   
Plant   
Location

In the bottom of the SAP screen the following message will appear:

1 assets created internally, and distribution rules created

### STEP 4


Go the settlement rule of the WBS to confirm you have a new line for the final asset.

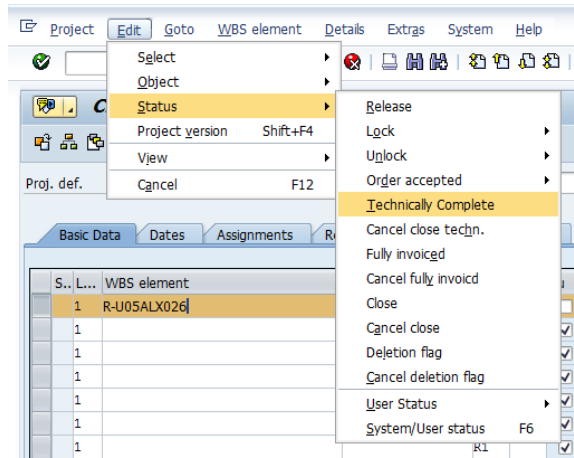
WBS element   
X026 PPA for Auto/EE (AE-4133)

Actual settlement

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	Se...	No. S...	Fr...	From...	To ...	To Fl...	First Used	Last Used
PXA	15000003370-0	X026 PPA for Auto/EE (...)	100,00	0	ADC	1	0	0	0	003.2013	005.2013	
PXA	INTER00001-0	X026 PPA for Auto/EE (...)	1	1	FUL	2						

### STEP 5

Then go back  to the previous screen, in order to set up the project as Technically completed: **Edit -> Stat us -> Technically complete**.



**STEP 6**


Check if the status in WBS is **"TECO"**.

Proj. def. R-U05ALX026 X026 PPA for Auto/EE (AE-4133)

Basic Data Dates Assignments Responsibilities Control Total

S...	L...	WBS element	Short ID	Typ	Pri	Su	PE	Acct. Bill	System status
1		R-U05ALX026	AM-648	R2					TECO AUC SETC

**STEP 7**

The project can now be **saved** .

Then, display again the project and settlement rule, in order to find the final asset number as below ( eg: 250000024135-0).

WBS element R-U05ALX026

X026 PPA for Auto/EE (AE-4133)

Actual settlement

Default distribution rules

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	Se...	No.	S...	F
FXA	150000003370-0	X026 PPA for Auto/EE (...)	100,00	0	AUC	1		0
FXA	250000024135-0	X026 PPA for Auto/EE (...)		1	FUL	2		

Then, you must go to the transaction **AS02**, to change the Master Data of the Asset created.

**STEP 8**

Insert the Asset code and press Enter

**Change Asset: Initial screen**

Master data Depreciation areas Asset values

Asset

Subnumber

Company Code

**STEP 9**

In the tab "Allocations", you must insert the code "E1" on the field "Evaluation group 4"

**Change Asset: Master data**

Asset values

Asset: 250000020490 0 A670 Surfactants consumption reduction  
 Class: ZITE1S10 COSTI DI RICERCA Company Code: 5835

General Time-dependent Allocations Origin Net worth tax Insurance Deprec. areas

**Allocations**

Evaluation group 1

Evaluation group 2

Evaluation group 3

Evaluation group 4  **E1**

Evaluation group 5

IDENTIFIABLE INTANGIBLE ASSETS

**STEP 10**

In the tab "Deprec. areas", just verify if the useful life of the asset is according to the details of the request.

**Change Asset: Master data**

Asset values

Asset: 250000020490 0 A670 Surfactants consumption reduction  
 Class: ZITE1S10 COSTI DI RICERCA Company Code: 5835

General Time-dependent Allocations Origin Net worth tax Insurance Deprec. areas

**Valuation**

A.	Depreciation area	DKey	UseLife	Prd	ODep Start	Index
01	fiscale	2201	5		01.04.2016	
02	civiltica	0000			01.04.2016	
16	CAP+123456R.	0000	5		01.04.2016	
20	rival.1983	0000			01.04.2016	
21	rival.1991	0000			01.04.2016	
22	rival.2003	0000			01.04.2016	
25	Affrancement	0000			01.04.2016	
28	finanziament	0000			01.04.2016	
30	finanziament	0000			01.04.2016	
35	ex01-fiscale	IT91	5		01.01.2016	
38	IRAP tax	2201	5		01.04.2016	
39	Fiscal IRAP	2201	5		01.04.2016	
50	gestionale	2201	5		01.04.2016	
70	assicurazion	0000			01.04.2016	
80	copia 01 civ	2201	5		01.04.2016	

**STEP 11**

Finally, you must run the settlement of the Project or the WBS element, in order to start the depreciation of the Asset created, by the transaction **CJ88**.

Insert the WBS element code on corresponding field, insert the period of the start of capitalization on Settlement period field, insert the current fiscal year, and select the Processing type "Full Settlement", as shown on screen below.

Press Execute 

**Actual Settlement: Project/WBS Element/Network**

Project

or

WBS Element

or

Network

With hierarchy

With orders

**Parameters**

Settlement period  Posting period

Fiscal Year  Asset Value Date

Processing type

**Processing Options**

Test Run

Detail List

Check trans. data

**STEP 12**

The last stage, is verify if the settled amount corresponds to the total of R&D project expenditures, by clicking on the Detail lists



, and you will see one screen like the following one.

**Actual Settlement: Project/WBS Element/Network Basic list**

**Selection**

Selection Parameters	Value	Name
WBS Element	R-U05BL1328	A670 Surfactants consumption redu...
Period	003	
Posting period	003	
Fiscal Year	2016	
Processing type	R	Full Settlement
Posting Date	31.03.2016	
Controlling Area	CHZF	ERP SOLVAY
Currency	EUR	Euro
Value date	31.03.2016	

**Processing Options**

Selection Parameters	Value
Execution type	Settlement_executed
Processing mode	Test_run

Processing completed with no errors

**Statistics**

Processing category	I	Number
Settlement_executed		1
No change		
Not relevant		
Inappropriate status		
Error		

**Actual Settlement: Project/WBS Element/Network Detail list**

Basic list

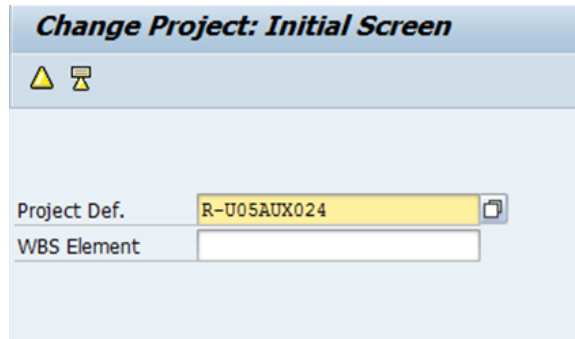
**Detail list - Settled values**

Senders	Receivers	Short text: Sender	Σ Val/COArea CrCy	COAr Cur	Σ Value in Obj. CrCy	Ob.Cr/Send
WBS R-U05BL1328	FXA 5835/250000020443/0	A670 Surfactants consumption reduction	158.012,92	EUR	158.012,92	EUR
			<b>158.012,92</b>	<b>EUR</b>	<b>158.012,92</b>	<b>EUR</b>

**STEP 1**

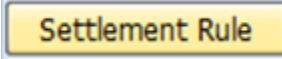
Go to CJ02.

Enter the project.

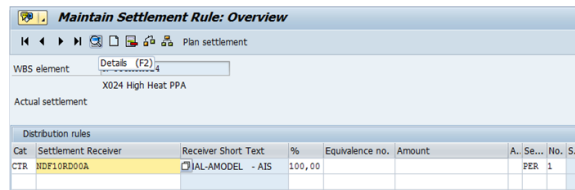


**STEP 2**

Select the project and click on "Settlement rule"

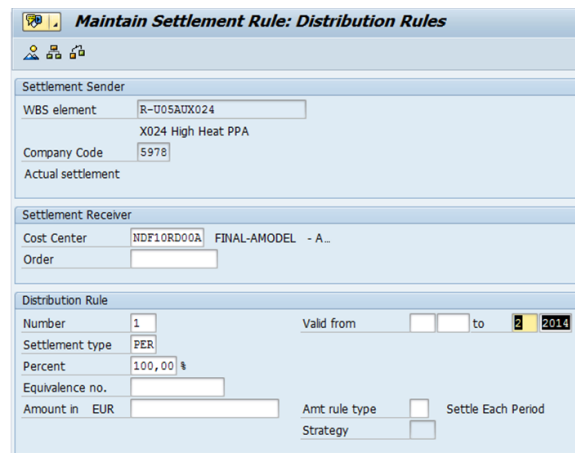


Click twice on the line of the Settlement rule or click on "Details".



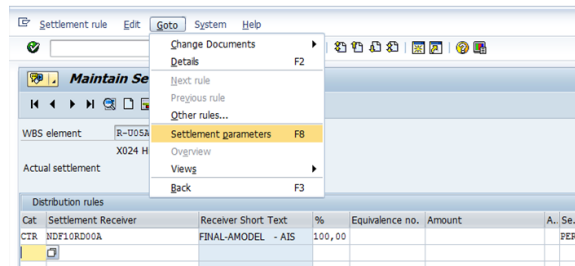
**STEP 3**

Change the "Valid to" period.



**STEP 4**

Go back to the previous screen and click on "Go to" and "Settlement parameters".



**STEP 5**

Change the "Settlement profile" to ZPS 12 and "Allocation structure" to BG.

**Maintain Settlement Rule: Parameters**

WBS element: R-U05AUX024  
X024 High Heat PPA

Parameters

Description: [Yellow field]

Settlement profile: ZPS12 R&D - WBS->WBS (CE original)

Allocation structure: BG R&D - WBS->WBS (CE 9370000000)

PA transfer str.: [ ]

Source structure: [ ]

Asset Value Date: [ ]

Hierarchy number: [ ]

Strategy Sequence: [ ]

Entered by: PT400066 on 24.09.2013

Last changed by: BRS0069 on 21.03.2014

**STEP 6**

Go back to the previous screen and click on "New rule".

**Maintain Settlement Rule: Overview**

Plan settlement

WBS element: R-U New rule (F9)  
X024 High Heat PPA


Actual settlement

Distribution rules

Cat	Settlement Receiver	Receiver Short Text	%	Equiva
CTR	NDF10RD00A	FINAL-AMODEL - AIS	100,00	

**STEP 7**

Inform the new WBS element and the "Valid from" as below.

Go back to the previous screen and save it .

**Maintain Settlement Rule: Distribution Rules**

Settlement Sender

WBS element: R-U05AUX024  
X024 High Heat PPA

Company Code: S978

Actual settlement

Settlement Receiver

WBS Element: R-U05AUX024

Distribution Rule

Number: 2 Valid from: 3 2014 to [ ] [ ]

Settlement type: PER

Percent: 100,00 %

Equivalence no.: [ ]

Amount in EUR: [ ] Amt rule type: [ ] Settle Each Period: [ ]

Strategy: [ ]

**STEP 1**

To update the settlement rule of project to cost center, go to **CJ02** and insert the code of project.

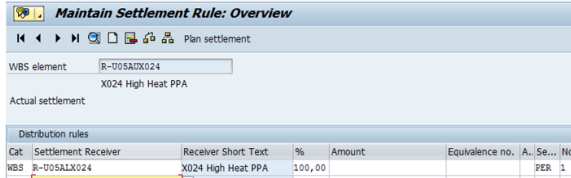
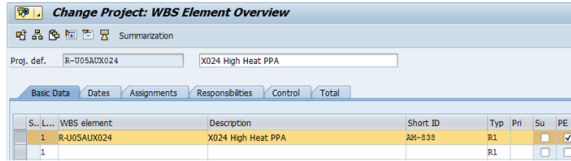
**Change Project: Initial Screen**

Project Def.: R-U05AUX024


WBS Element: [ ]

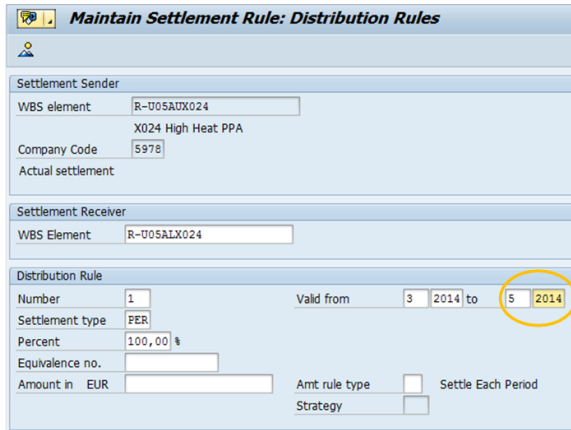
**STEP 2**

Select the line related to project and click on **Settlement Rule**.



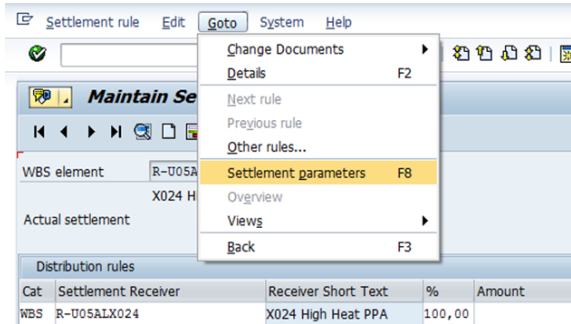
**STEP 3**

Click on "New rule (F9)"  and change the field "Valid to" to previous period.



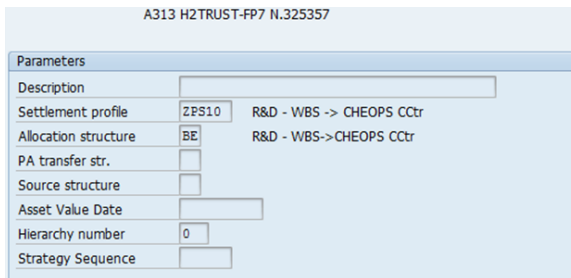
**STEP 4**

Go back to the previous screen and click on the menu "Goto", "Settlement parameters", and insert the code "ZPS10" in the field of Settlement profile and the code "BE" in the field of Allocation structure



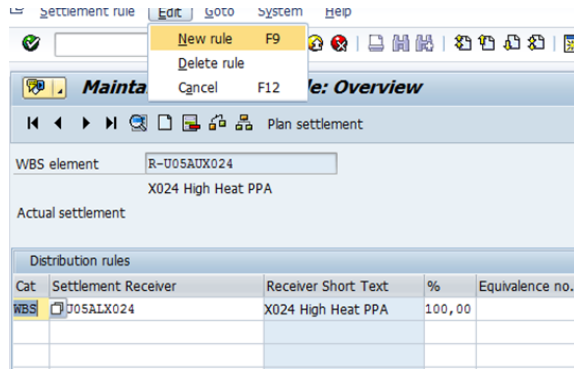
**STEP 5**

Change the "Settlement profile" to **ZPS10** and "Allocation structure" to **BE**.



**STEP 6**

Go back to the previous screen and click on "New rule (F9)" or go to the menu Edit, New rule.



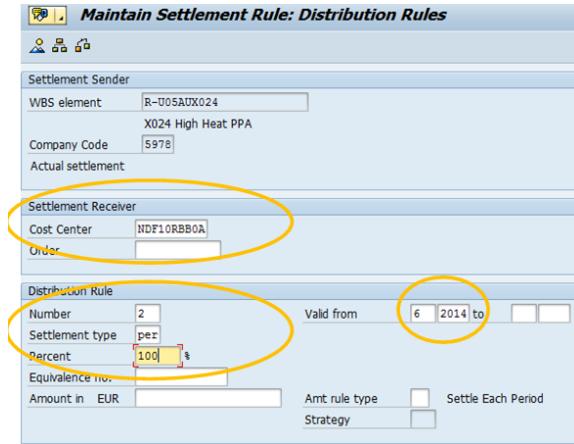
**STEP 7**

Inform the new Cost center and the "Valid from" to the period the project should start being settled using the new settlement rule.

**Number:** New settlement rule number (sequential).

**Settlement type:** PER

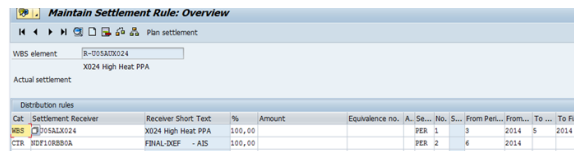
Percent: if 100% or less



**STEP 8**

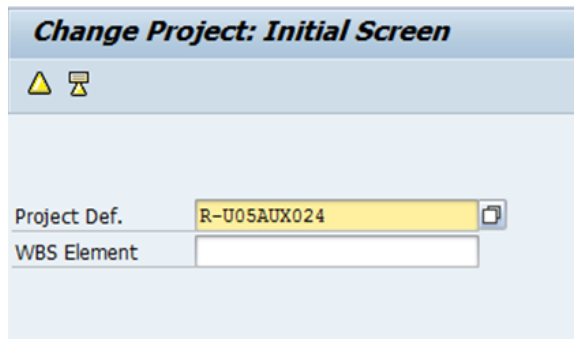
Go back to the previous and now, you should find the two settlement rules

Go back to the previous screen and save it



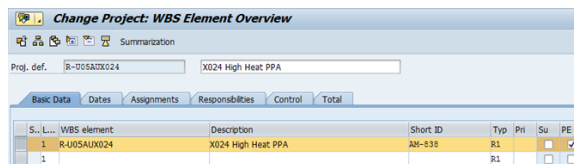
**STEP 1**

To update the settlement rule of project to order, go to CJ02 and insert the code of project.




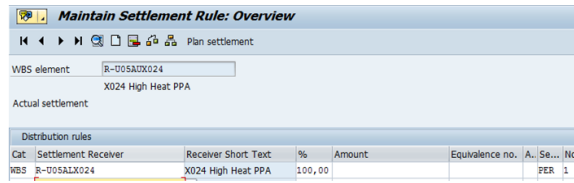
**STEP 2**

Select the line related to project and click on Settlement Rule

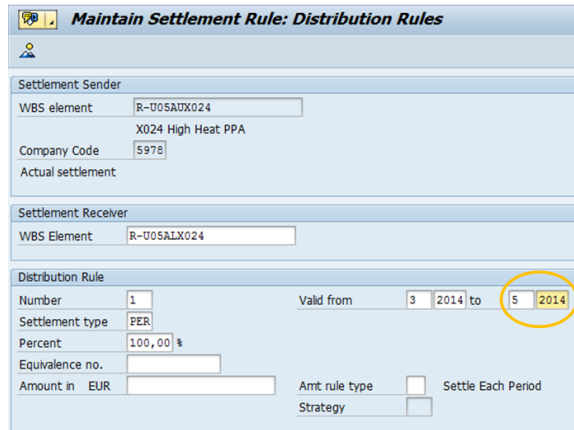


**STEP 3**

Then you should click on “New rule (F9)” , or click twice on the line of the settlement rule

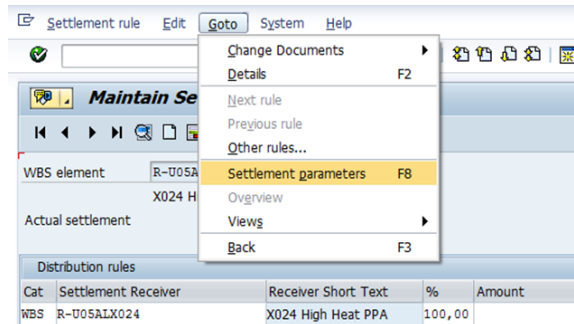


and change the field “Valid to” to previous period, as illustrated.



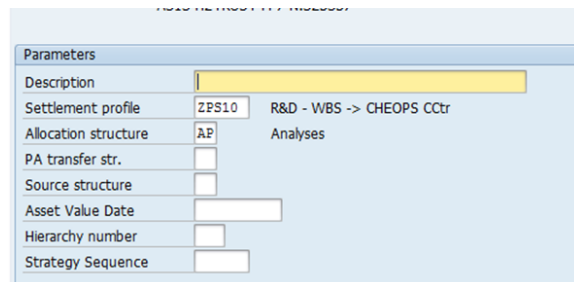
**STEP 4**

Go back to the previous screen and click on “Go to” and “Settlement parameters”.



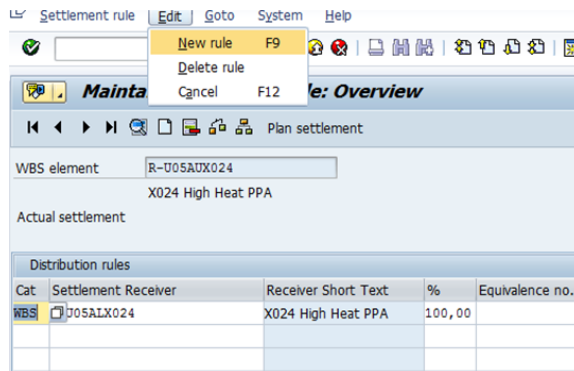
**STEP 5**

Change the “Settlement profile” to **ZPS 10** and “Allocation structure” to **AP**.



**STEP 6**

Go back to the previous screen and click on “New rule”.



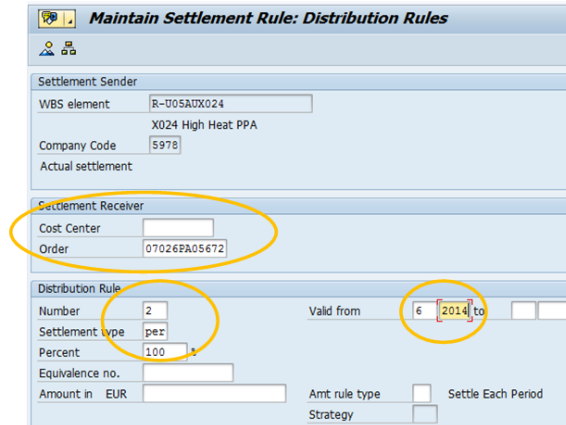
**STEP 7**

Inform the new Cost center and the “**Valid from**” to the period the project should start being settled using the new settlement rule.

**Number:** New settlement rule number (sequential).

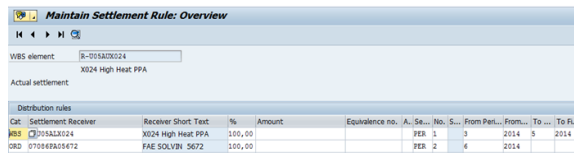
**Settlement type:** PER

Percent: if 100% or less



**STEP 8**

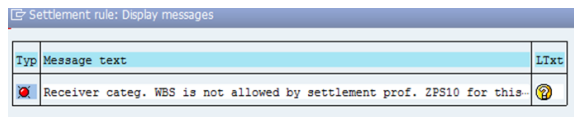
Go back to the previous and now, you should find the two settlement rules



**STEP 9**

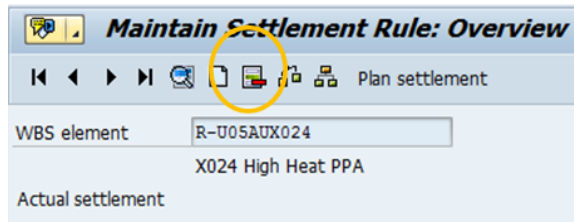
Go back to the previous screen and save it.

If the below message appears



Delete the old settlement rule, by clicking on “Delete rule”

Then go back to the previous screen and save it



Send an e-mail to the Controller confirming that the R&D WBS was updated.