

# WW - New fixed asset is created PF2

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## Objective and Scope

### Objective of this Procedure

This document describes the transactions related to the process of project structuring and creation of asset master data.

### Scope

This document includes the necessary transactions for project structuring and creation of asset master data used in the current ERP system (PF1)

## Reference Documents

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## Definitions

### Abbreviations

<b>PS</b>	Project System (SAP module)
<b>WBS</b>	Work Breakdown Structure of a project in SAP PS
<b>MC</b>	Material Code
<b>AuC</b> <b>CO</b>	Asset under Construction SAP module cost accounting

### Definitions

**The Material Code (MC) is used for structure and control of investment project costs as well as classification of asset master data. Useful life and account allocation are part of MC definition.**

## Responsibility

**Finance Site/Technicians:** Depending on the local organization, local asset accountants and /or technicians are responsible for the project structuring. Asset master data are always created by local asset accountants.

**SU MAC I&D Expert:** Editor of Material Code

## Project structure

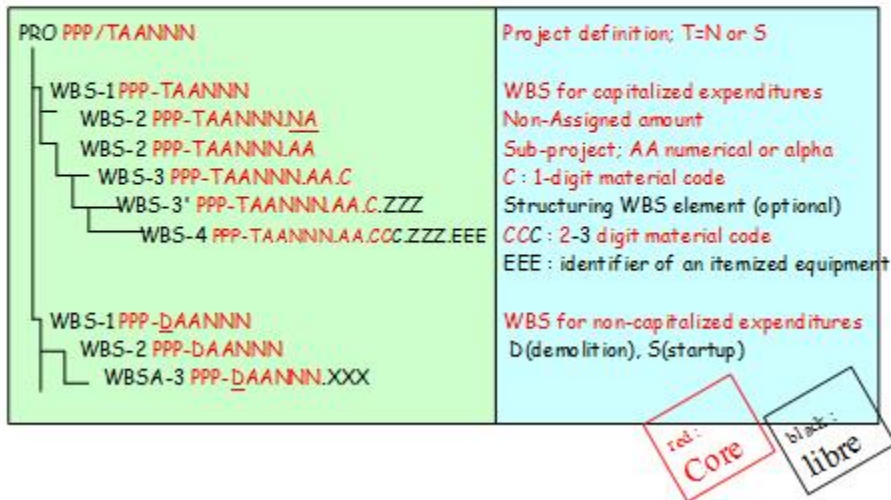
### Standard Structure

To use the standard structure is mandatory for all investment and demolition projects.

### Cost control of industrial construction projects : Accounting breakdown - Generic structure

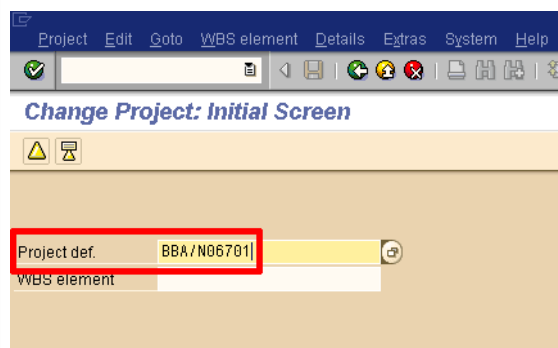
Levels 1 to 4 : structuring WBS elements = planning elements

Lowest level : account assignment WBS elements



## Project Structuring CJ02

The individual structure of a project is always based on the project with standard structure. Projects are adapted to individual requirements. According to the standard structure you are partly free to add digits. The following example is based on the German structure. After calling up CJ02, enter the project definition:



To add/insert WBS-elements select the position in the structure and click on button "insert line":





If a WBS element for an intangible asset should be created, the investment profile on tab "Control"(in ERP) respectively has to be changed:

**Change Project: WBS Element** Investment measure profile

WBS element: BBA-N06201.01.11.0001

Control

Investment profile: ZDE000 German investme

InvProfile	Name of investment profile
000001	Model with AuC, summary settlement
000002	Model for depreciation simulation only
000003	Model with line item settlement of AuC
ZAT000	Austrian investment profile tangible
ZBE000	Belgium investment profile Tangible
ZBE001	Belgium investment profile Intangible
ZBE002	Belgium investment profile Capital Lease
ZBE003	Belgium investment profile Majors repairs
ZBE004	Belgium investment profile Local asset
ZBG000	Bulgaria investment profile Tangible
ZBG001	Bulgaria investment profile Intangible
ZBG002	Bulgaria investment profile Capital Leases
ZBG003	Bulgaria investment profile Major repairs
ZBG004	Bulgaria investment profile only Local Area
ZCH000	Swiss investment profile tangible
ZDF000	German investment profile tangible
I.ZDE001	German investment profile intangible

**Change Project: WBS Element Overview**

Project definition: HNK/N09450 IT-Equipment Zone EELA

WBS element: HNK-N09450.01.70.0001 3 laptops - Latvia

Basic Data

Proj.type: I1 FES Investment Projects

Status: TECO AUC SETC

Person Respons.: 1137 DE Angela Krueger

Investment profile: YDE001 Investment profile

InvProf...	Name of investment profile
000001	Model with AuC, summary settlement
000002	Model for depreciation simulation onl
000003	Model with line item settlement of AuC
YAT001	Investment profile tangible AT
YAT002	Investment profile intangible AT
YCA001	Investment profile tangible CA
YCA002	Investment profile intangible CA
YCC001	Investment profile for depreciation pls
YCH001	Investment profile tangible CH
YCH002	Investment profile intangible CH
YDE001	Investment profile tangible DE
YDE002	Investment profile intangible DE

Next step is to release the WBS element. Mark the WBS, click on "Edit" > "Status" > "Release". This changes the status and creates in parallel an asset under construction:

Project Edit Goto WBS element Details Extras System Help

Status > Release

S	Lev	WBS element	Port ID
1		BBA-N06701	A-N06701
2		BBA-N06701.NA	A-N06701.NA
2		BBA-N06701.01	A-N06701.01
3		BBA-N06701.01.1	A-N06701.01.1
4		BBA-N06701.01.11	A-N06701.01.11
3		BBA-N06701.01.2	A-N06701.01.2
4		BBA-N06701.01.21.0001	A-N06701.01.21
1		BBA-D06701	A-D06701
1		BBA-U06701	BBA-U06701

S	Lev	WBS element	Description	Short ID	Typ	Pri	Su	PE	Acct	Bill	System statu
1		BBA-N06701	Capitalized expenditures	BBA-N06701	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PREL
2		BBA-N06701.NA	Non assigned amount	BBA-N06701.NA	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CRTD
2		BBA-N06701.01	Sub project 1	BBA-N06701.01	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PREL
3		BBA-N06701.01.1	Static equipment (Mat. Code fir...	BBA-N06701.01.1	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CRTD
4		BBA-N06701.01.11	Vessels (Material Code secon...	BBA-N06701.01.11	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CRTD
3		BBA-N06701.01.2	Mechanical equip (Mat. Code fir...	BBA-N06701.01.2	IN			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PREL
4		BBA-N06701.01.21.0001	Centrifugal pump	BBA-N06701.01.21	IN			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REL AUC

You are free to add data in the AuC master data, but it is advantageously to insert the project number in "Allocation Five". It is a useful sort key for several reports. Make a double click on the WBS element:

3		BBA-N06701.01.2	Mechanical equipment	BBA-N06701.01.2	IN			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4		BBA-N06701.01.21.0001	Centrifugal pump	BBA-N06701.01.21	IN			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Click on "Asset under construction":

Change WBS Element

WBS element: BBA-N06701.01.21.0001 Centrifugal pump

Basic data | Dates | Assignments | Control | User Fields | Admin. | Su...

Proj.type: INVESTMENTS (ERP) Short ID: BBA-N06701.01.21  
 Priority:  Proj. summarization

Status  
 System status: CRTD  
 User status:

Responsibilities  
 Respons.person:   
 Applicant no.:   
 Resp. cost ctr:   
 Req. cost center:   
 Req. co. code:

Operative indicators  
 Planning element  
 Acct asst elem.  
 Billing element  
 Grouping WBS element

Settlement rule: **Asset under construction** Investment program Summarization

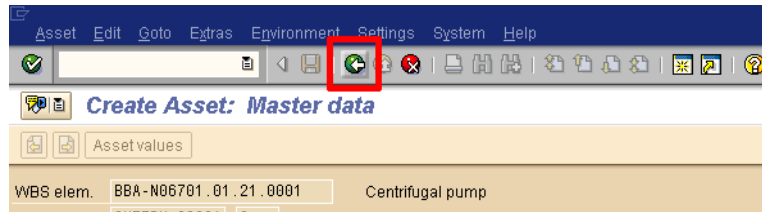
Select tab "Allocations" and insert the budget number:

WBS elem.: BBA-N06701.01.21.0001 Centrifugal pump  
 Asset: INTERN-00001 0 Centrifugal pump  
 Class: ZDE1EC00 Company code: 4056

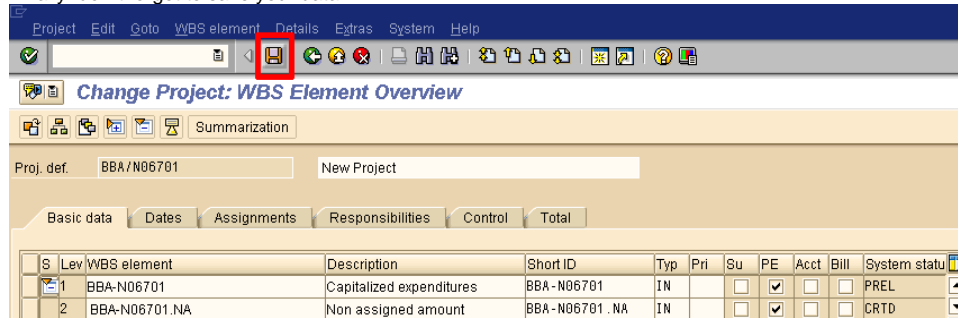
General | Time-dependent | **Allocations** | Origin | Net worth tax | Insurance | Deprec. areas

Allocations  
 EVAL. n°1:   
 EVAL. n°2:   
 EVAL. n°3:   
 MATERIAL CODE:   
 N° BUDGET: **N06701**  
 Investment reason:   
 Envir. investment:   
 Asset super number:

To finish your entries click on button "Back (F3)":



Finally: don't forget to save your data!



The procedure to create a WBS element for demolition or start-up costs is similar. The only difference is the settlement rule. WBS elements for demolition or start-up are always charged to a cost center.

Actual settlement

Distribution rules											
Cat	Settlement Receivers	Receiver-short text	%	Equivalence no.	Amount	A.	Set.	No.			
CTR	D337500006	BRUCH SONST.DIV.25	100,00				PER	1			

## Capitalization of costs / revenues in area 50 only

Describes the necessary steps and transactions related to the capitalization of costs / revenues in area 50 only in the same current fiscal year they are incurred, while remaining as expenses / revenues in area 01 (local GAAP).

Any capitalization of costs and revenues in area 50 in the same current fiscal year they are incurred must be submitted for approval to GAR. Without GAR approval, this procedure cannot be run.

We can resume that the responsibility of this point its divided:

**CAM** responsible to assess which costs or revenues should be capitalized in area 50 but remain as costs and revenues in local GAAP and designate the specific AuC and/or final Asset (s) as receivers.

**SU MAC** responsible to run the procedure.

**IS** responsible to meet the special Investment Profile ( need of creation of new Investment Profile) and profile any additional support SU MAC might need.

**GAR** responsible to approve and assess whether such costs and revenues should in fact be capitalized according to Group Rules and IFRS.

A special Investment Profile needs to be created and assigned to the specific WBS element, which in turn determines a special asset class and account determination. IS support is required to meet this prerequisite.

The following customization can be used as a reference:

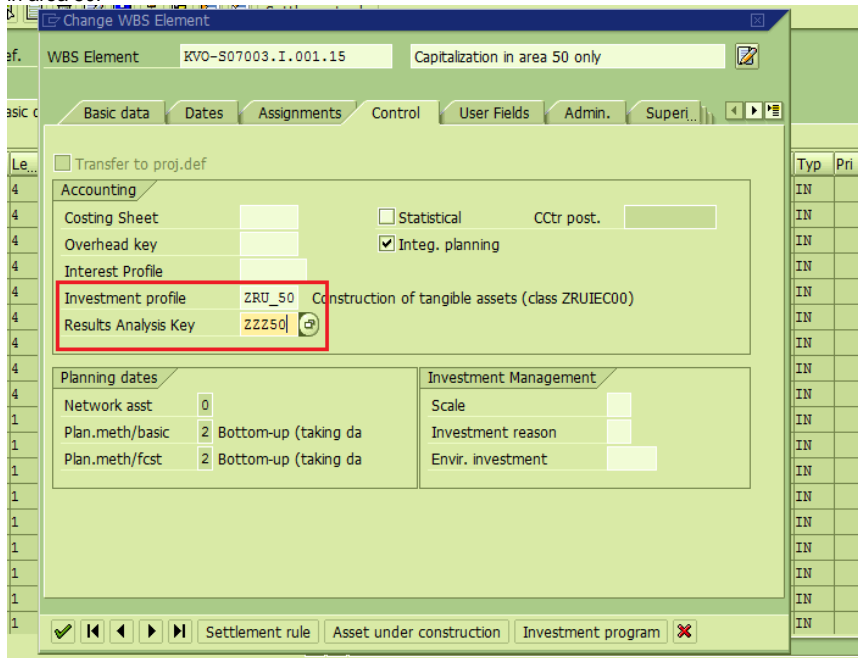
- Investment Profile – ZRU\_50

Asset Class – ZRUIE\_50  
 Account Determination – RU125\_50  
 Capitalization key – ZZZ50 (mandatory – capitalization only in Group (Local 0% - Group 100%))

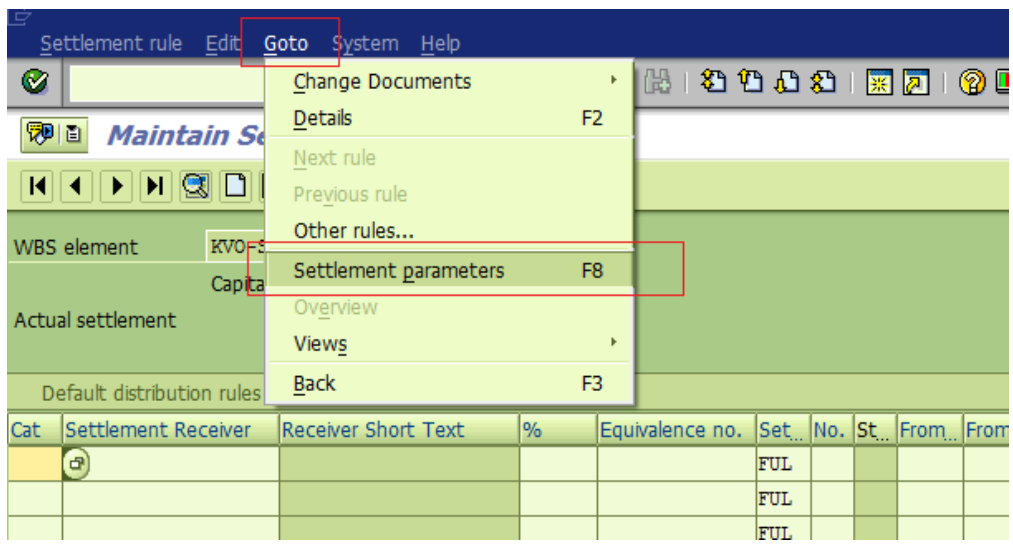
While certain costs or revenues during the assets construction are allowed under IFRS to be capitalized to assets under construction and later to the final asset, some of these costs or revenues cannot actually be capitalized under local GAAP, leading to divergence between local GAAP and IFRS.

**Point 1) Create special WBS in the respective Project structure**

Create a special WBS element within the project structure.  
 Before you release the WBS, on the WBS tab "Control" change the Investment Profile to the one defined in the prerequisites of this procedure for the corresponding country. Also insert field "Result Analysis Key" with value ZZZ50. Using these definitions, the WBS element will settle its value to AuC only in area 50.



When the Control tab is modified go to the settlement rule of the WBS element and use menu 'Goto' -> 'Settlement parameters'.




There you must modify the settlement profile to ZCOAG and allocation structure to ZR.

WBS element

Capitalization in area 50 only

Parameters

Description

Settlement profile   R&D - WBS -> CHEOPS Cctr

Allocation structure  R&D - WBS->CHEOPS Cctr

PA transfer str.


Source structure

Asset Value Date

Hierarchy number

Strategy Sequence





Then press the  button twice to go back to the screen where all WBS elements are listed.


Mark the WBS, click on "Edit" > "Status" > "Release". This changes the status and creates in parallel an asset under construction.

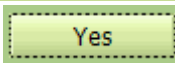
As the WBS element is an account assignment element (i.e. is assumed to accept costs), you will be prompted to initiate the creation of an AuC record.

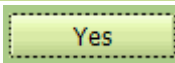
ent	Short ID	Typ	Pri	Su	PE	A
003.I.0						<input checked="" type="checkbox"/>
003.I.0						<input checked="" type="checkbox"/>
003.I.0						<input checked="" type="checkbox"/>
003.I.0						<input checked="" type="checkbox"/>


 Create assets under construction 

There is no asset under construction for the order or WBS element.

 Do you want to create the required assets under construction now?



Press  to initiate the creation of an AuC corresponding to the newly defined WBS element.

Accept the asset class proposed by default and press  to continue.  
 On the next screen insert field 'Capitalization key' with value ZZZ50.

General	Time-dependent	Allocations	Origin	Net Worth Tax	Insurance	Deprec. Areas
<b>General data</b>						
Description	Capitalization in area 50 only					
Acct determination	RU125BNK	AUC for bank commissions in area 50				
Inventory number						
Quantity						
<b>Inventory</b>						
Last inventory on		<input type="checkbox"/> Include asset in inventory list				
Inventory note						
<b>Posting information</b>						
Capitalized on		Deactivation on				
First acquisition on						
Acquisition year		000	Ordered on			
Capitalization key	zzz50					



Then press the button to go back to the screen where all WBS elements are listed.

#### Point 2) Post your primary costs and revenues on special WBS

All your primary costs posted on the 6\* and/or 7\* accounts which you want to capitalize in area 50 should use the special WBS element created in Step 1.  
Exception:

If any of your cost 6\* or 7\* accounts are included in table OKB9 determining a certain default cost center (usually division cost center), then an assessment allocation cycle needs to be run to transfer these costs or revenues from the default cost centers to the special WBS element created by means of a specific secondary cost element – 98\*. This cycle needs to be run before the next Steps.

If for the time being you want to capitalize your costs and revenues only on AuC , proceed to Point 3).

If ALL costs and revenues are to be directly capitalized to the final asset, skip to Point 4).

If only part of the costs and revenues are to be capitalized to the final asset, skip to Point 5).

#### Point 3) Perform the individual settlement

Settle of the special WBS via CJ88 (using processing type 'Automatic'), so that the costs are transferred to the area 50 of the AuC associated with this special WBS element. This should produce a posting Dt F\* / Cr 7211000002 according to the .customizing of the account determination defined for the corresponding country (refer to the prerequisites of this OP).

N.B. If in the respective country a Legal Chart of Account is requested, then we need to assign the F\* and 7211000002 account to technical accounts in local GAAP.

At this stage your costs and revenues are capitalized in area 50 under Asset under Construction, while in area 01 (F\* and G\* accounts) they remain as current costs and revenues.

*Checkpoint:* Open the special WBS element and take the AuC number from its settlement rule. Then open this AuC's values screen using transaction AW01N and check its acquisition values for area 01 and area 50. The acquisition value in area 01 must be zero whereas the value in area 50 must correspond to the value of costs previously accumulated at the debit side of the WBS element.

#### Point 4) WBS settlement to final Asset in Area 50 only ( in case of purchase or capitalization at the end of construction)

1. Change the status of the special WBS element to be capitalized into fixed assets in area 50 to "close technically".
2. Perform the individual settlement of this special WBS via CJ88 (using processing type 'Full Settlement'), so that the costs are transferred to the area 50 of the final assets associated with this special WBS element,

The settlement made in point b) creates a document of the type Dt F\* / Cr 7211000002 (see details in point 3). This document however cannot be seen in

the CJ88 report screen (via button **Accounting documents** ). It can be however retrieved via the transactions seen in the AuC values screen using transaction AW01N. Double-click on the line with transaction type 114:

The accounting document will then be displayed.

At this stage your costs and revenues are capitalized in area 50 under Fixed Assets, while in area 01 (F\* and G\* accounts) remain as current costs and revenues.

*Checkpoint: Open the asset's values screen using transaction AW01N and check its acquisition values for area 01 and area 50. The acquisition value in area 01 must be zero whereas the value in area 50 must correspond to the value of costs previously accumulated at the debit side of the WBS element.*

If only part of the costs and revenues are to be capitalized to the final asset, more than one receiver has to be defined in the settlement rule for the final settlement of the WBS.

This section considers a specific G/L account as the second receiver.

The fixed amount to be settled to each receiver (final asset and G/L account) has to be manually calculated by CAM and SU MAC should compute the ratio and insert it in the settlement rule.

### Point 5) WBS settlement to Final Asset in area 50 only & G/L account

Example: if you want to capitalize 95% of the value in asset under construction to the final asset and 5% to a specific G/L account, you have to type in the column Equivalence Nr in the settlement rule for the line for the final asset 250000 (0,95\*1.000.000) and in the line for the specific G/L account 50000 (0,05\*1.000.000).

Change the respective WBS element to be capitalized into fixed assets in area 50 only and in a specific G/L account to "close technically" and insert the capitalization date in the asset master data.

Then, perform the individual settlement of this special WBS via CJ88, so that the value is transferred in area 50 only from the AuC to the final asset.

Please, not that this won't generate any posting, not even on the specific G/L account maintained in the settlement rule of the WBS!

*Checkpoint: At this time the value for capitalization must be transferred to the finished asset. At the same time the AuC value must be put back to zero in both areas. Open AuC value screen with AW01N and make sure its acquisition values in areas 01 and 50 are zero. Then open the final asset value screen with AW01N and make sure that its acquisition value in area 01 is zero and the value in area 50 is the amount decided for capitalization.*

Then, run ASKB which will post Dt 121XXXXXXX vs Ct A21XXXXXX9 account for the amount to be capitalized into the final asset according to the fixed ratio defined in the settlement rule of the WBS, and 2 postings Ct 125XXXXXXX Dt A25XXXXXX9 (one for the amount capitalized into final asset and the other one for the remaining amount settled to G/L account defined in the settlement rule).

N.B. ASKB transactions will actually pick-up each and every asset movement posted since the last execution of ASKB. This means that in the result of ASKB's execution you may receive more postings than described in the above paragraph.

*Checkpoint: At this time, there should be an imbalance in the report GR55 – Z1F1 for the check sum equal to the amount to be charged to the specific G/L maintained in the settlement rule of the WBS. This is normal at this stage.*

In order to correct the imbalance, the following manual posting has to be made via FB01 or ZZP\_posting\_file upload for the remaining amount to be settled to G/L account defined in the settlement rule:

Dt Specific G/L account / Ct A25XXXXXX9

N.B. It is important that both accounts in this posting **are not customized** in table Z1ACO. Otherwise program Z1AANNUL might propose unbalanced posting.

*Checkpoint: At this time, there should be NO imbalance in the report GR55 – Z1F1 for the check sum and the amount posted to the specific G/L account should correspond to the amount given by CAM.*

## Capitalization of assets in area 01, remaining as AuC in area 50

Describes the necessary steps and transactions related to the capitalization of assets in area 01 while remaining as assets under construction in area 50. This topic, have 4 major remarks that are more detail on chapter 4.4.1.2 Detail Steps:

1. Its only valid if the asset was not yet capitalized neither in area 01 nor in area 50 or the asset was capitalized in both areas in the current month (trimester) and has not been yet depreciated. This procedure does not apply to final assets capitalized in previous periods because depreciation has already been posted.
2. In order to reduce value in area 50, transaction type ZR2 must be limited to area 50 for the corresponding chart of depreciation. Please inform IS to create the needed customizing. Please list below the countries (with respective Chart of Depreciation) whose transaction type ZR2 has already been customized in the respective tables in SAP.
3. In order to create the Asset, a special asset class needs to be created for the respective country. Please inform IS to create the special asset class with reference to this OP using asset class ZXXIEYYY as a reference.
4. In order to perform the Increase of the value of the special AuC in area 50, transaction type 030 must be limited to area 50 for the corresponding chart of depreciation. Please inform IS to create the needed customizing. Please list below the countries (with respective Chart of Depreciation) whose transaction type ZR2 has already been customized in the respective tables in SAP.

Post only in Local Area:

**When an asset has to be capitalized only in the local area and remain as AuC in the group area the following principle must be followed:**

1. The asset is capitalized in both areas using the standard capitalization procedures
2. Immediately after the capitalization posting is completed two additional steps have to be taken:
  - a) Take manual transaction ABSO to reduce the acquisition value in area 50 of the finished asset back to zero;
  - b) Create a special AuC (not investment measure) and use it with manual transaction ABSO to increase its acquisition value in area 50 to the amount of capitalization;After taking these additional steps the values of capitalization will be correct in both areas.  
When the AuC needs to be finally capitalized in area 50 then transaction AIAB will be used to distribute its value to the defined final assets.

Detail Steps

- Capitalized in both Areas:

Note: In case the asset was already capitalized in both areas in the current period, skip Step 1 and proceed to Step 2.

a) Change the respective WBS element to be capitalized into fixed assets in area 01 to "close technically" and insert the capitalization date in the asset master data.

*Please note that since the final purpose is to have the respective asset only capitalized in area 01, the capitalization date in the asset master data should be the date from which the asset should be capitalized (and therefore depreciated) according to local GAAP – area 01.*

b) Perform the settlement of the respective WBS using transaction CJ88, which will transfer the value from the AuC to the fixed asset.


*Checkpoint: As of now you have capitalized the WBS into fixed assets in both areas 01 (local GAAP) and area 50 (Group Reporting / IFRS). Go to AW01N and check the Acquisition value in both area 01 and area 50 (must be the same).*

- Reduce the value in Area 50:

Since the purpose of this OP is to capitalize the WBS into fixed assets only in area 01 and not in area 50 for the time being, there is the need to reduce the value in area 50 back to 0 after Step 1. This can be accomplished using standard SAP transaction ABSO with transaction type ZR2, which is limited to area 50 only.

Enter transaction ABSO and insert:

- Respective Company Code and respective asset number and subnumber receiving the value by the settlement of the WBS.
- The document date and posting date should be the same as the date of the capitalization date of the asset. Posting Period is the respective month of the posting date.
- Insert Transaction type ZR2

Company Code	6019
Asset	250000000430
Subnumber	0
Date specif.	
Document Date	31.10.2012
Posting Date	31.10.2012
Posting Period	10
Transact.	
Transaction Type	ZR2 



Press

On the next screen insert the acquisition value (a positive value must be inserted) and check the Asset Value date (it must be the same as the asset's capitalization date). Some free text explaining the transaction might also be inserted.

Asset	250000000430	0	New final asset for test Pedro/Assen
Company Code	6019		
Trans. Type	ZR2	Acquisition for a negative asset area 50	
Posting data			
Amount posted	25000	RUB	
Asset Val. Date	31.10.2012		
Additional details			
Text	Reduction of value in area 50		

Save the posting. This doesn't generate any FI posting, only a document in AA.

**Checkpoint:**

Go to AW01N and check that the Acquisition value is equal to 0 in area 50 for the respective asset, but in area 01 the Acquisition value should remain unchanged.

Asset's value in area 01 with the planned depreciation:

Asset: 250000000430 0 New final asset for test Pedro/Assen  
Fiscal year: 2012

Planned values | Posted values | Comparisons | Parameters

Posted dep. values Book depreciation

Value	Fiscal year start	Change	Posted values	Crcy
APC transactions		25 000,00	25 000,00	RUB
Investment support				RUB
Acquisition value		25 000,00	25 000,00	RUB
Ordinary deprec.				RUB
Special depreciation				RUB
Unplanned dep.				RUB

Depreciation posted/planned

Status	Status	Per	Σ Ord. dep.	Σ Spec.dep.	Σ Uplhd dep.	Σ Reserves
Planned	Planned	9	0,00	0,00	0,00	0,00
Planned	Planned	10	0,00	0,00	0,00	0,00
Planned	Planned	11	208,33-	0,00	0,00	0,00
Planned	Planned	12	208,34-	0,00	0,00	0,00
			<b>416,67-</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>

Asset's value in area 50: The acquisition value has been put back to zero and there is no planned depreciation for this area:

Asset: 250000000430 0 New final asset for test Pedro/Assen  
Fiscal year: 2012

Planned values | Posted values | Comparisons | Parameters

Posted dep. values Group depreciation area

Value	Fiscal year start	Change	Posted values	Crcy
APC transactions				RUB
Investment support				RUB
Revaluation				RUB
Acquisition value				RUB
Ordinary deprec.				RUB
Special depreciation				RUB

Depreciation posted/planned

Status	Status	Per	Σ Ord. dep.	Σ Spec.dep.	Σ Uplhd dep.	Σ Re
Planned	Planned	9	0,00	0,00	0,00	
Planned	Planned	10	0,00	0,00	0,00	
Planned	Planned	11	0,00	0,00	0,00	
Planned	Planned	12	0,00	0,00	0,00	
			<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	


- Create new Asset in AS01 with the special asset class

Create a new AuC via AS01 using the special asset class defined in the prerequisites , using the original AuC as a reference.

- Increase the value of the special AUC in area 50

Enter transaction ABSO and put following information:

- Respective Company Code and respective AuC number that was just created .
- The document date and posting date should be the same as the date previously used to reduce the value of the finished asset in step 2.
- Insert Transaction type 030.

Company Code	6019
Asset	150000000820
Subnumber	0
Date specif.	
Document Date	31.10.2012
Posting Date	31.10.2012
Posting Period	10
Transact.	
Transaction Type	030 



Press .

On the next screen insert the acquisition value and check the Asset Value date (it must be the same as the asset's capitalization date). Some free text explaining the transaction might also be inserted.

Asset	150000000820	0	AuC in area 50
Company Code	6019		
Trans. Type	030	Acquisition in group area only	
Posting data			
Amount posted	25000		RUB
Asset Val. Date	31.10.2012		
Additional details			
Text	Reduction of value in area 50		

Save the posting. This doesn't generate any FI posting, only a document in AA.

**Checkpoint:**

1. Go to AW01N, insert the new AuC and check that the Acquisition value in area 50 is the same as found in Checkpoint in Step 1 for area 50. Also check that the acquisition value in area 01 is 0..

Asset's value in area 01 is zero:

Asset: 150000000820 0 AuC in area 50

Fiscal year: 2012

Planned values Book depreciation

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions				RUB
Investment support				RUB
Acquisition value				RUB
Ordinary deprec.				RUB
Special depreciation				RUB
Unplanned dep.				RUB

Asset's value in area 50 is equal to the acquisition value transferred in step 1. There is however no planned depreciation:

Asset: 150000000820 0 AuC in area 50

Fiscal year: 2012

Posted dep. values Group depreciation area

Value	Fiscal year start	Change	Posted values	Crcy
APC transactions		25 000,00	25 000,00	RUB
Investment support				RUB
Revaluation				RUB
Acquisition value		25 000,00	25 000,00	RUB
Ordinary deprec.				RUB
Special depreciation				RUB

Depreciation posted/planned

Status	Status	Per	Σ Ord. dep.	Σ Spec. dep.	Σ Uphd dep.	Σ Re
Planned	Planned	9	0,00	0,00	0,00	
Planned	Planned	10	0,00	0,00	0,00	
Planned	Planned	11	0,00	0,00	0,00	
Planned	Planned	12	0,00	0,00	0,00	
			0,00	0,00	0,00	

**Capitalization of assets in area 50 only after the asset had been already capitalized in area 01**

This topic is only applicable if Procedure of Chapter 4.3 was applied before for the earlier capitalization in local GAAP (area 01) compared to IFRS (area 50).

**Post-capitalization in area 50**

When the special AuC in area 50 (created and mention in Chapter 4.4.1) of this OP, has to be capitalized according to IFRS rules, its value will be settled to the final asset(s) using transaction AIAB. Since there is no WBS element assigned to this AuC, the settlement rule will be introduced in this transaction. The final asset(s) used for the settlement may be brand new one(s) or already existing one(s) that have acquired values during previous settlements. Run transaction AIAB.

- Choose respective company code and the special AuC number (which only takes value in area 50) and run the transaction.

## Settlement AuC: Initial screen

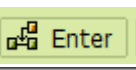
Further selection criteria

Company Code: 6019

Asset: 150000000820

Subnumber: 0

Press 

On the next screen select the line(s) subject to settlement and press  to introduce the settlement rule.

## Settlement AuC: Line item list

Enter Detach Settlement

Company code: 6019  
 Asset: 150000000820 AuC in area 50  
 Sub-number: 0

Status	DRG	Assign.	DocumentNo	Doc. Date	TType	AssetValDate	Σ Amount
			111	31.10.2012	030	31.10.2012	0,00
							<b>0,00</b>

In the settlement rule introduce the final asset(s) that must receive the capitalization value in area 50. The management of the settlement rule is the same as used to settle WBS to final asset


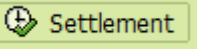
## Maintain Settlement Rule: Overview

Fixed asset: 150000000820 0 AuC in area 50












Actual settlement

Distribution rule group 1


Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	No.	St...	From...	F
FXA	250000000431-0	New final asset for test P.	100,00		1			

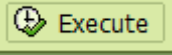
Press  to go back to the previous screen. Now the status of the line is green (ready for settlement). Press  to execute the settlement of the amount

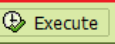
**Settlement AuC: Line item list**

Toolbar:           


Company code: 6019  
 Asset: 150000000820 AuC in area 50  
 Sub-number: 0

Status	DRG	Assign.	Document..	Doc. Date	TType	AsstValDat	Σ Amount
	1		111	31.10.2012	030	31.10.2012	0,00
							<b>0,00</b>

Confirm with 'Yes' the pop-up that appears. On the next screen insert document date, posting date and value date for capitalization. Leave the 'Test run' check-box active. Press 


check-box active. Press 

**AuC Settlement: Initial Screen**

Execute  Line Items

Company code: 6019  
 Asset: 150000000820  
 Sub-number: 0

Date specifications

Document Date: 30.11.2012  
 Asset Val. Date: 30.11.2012   
 Posting Date: 30.11.2012  
 Period: 11

Additional specifications

Text:   
 Document Type:   
 Assignment:   
 Reference:

Processing options

Test Run  
 Detail List

If the test run is successful the following type of screen appears:

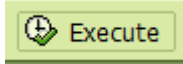
**AuC Settlement: Initial Screen**

Acct Assignment Cat.	Settlement Receiver	T	Σ	Amount posted	CrCY
Asset	250000000431 0 New final asset for test Pedro/Assen for	346		0,00	RUB
Asset	250000000431 0 New final asset for test Pedro/Assen for			0,00	RUB

It is normal to have zero amounts under 'Amount posted' column because the settlement will not generate accounting posting.



Press to go back to the selection screen. Remove the flag from the 'Test run' check box and press



.. The same report screen as above must appear.

The settlement does not generate any FI posting, only an AA document is created.

**Checkpoint:**

Go to AW01N, insert the final asset(s) and check their values in area 01 and in 50.

The value is area 01 must be the same as before the settlement (if brand new asset then the value must be zero).

The value in area 50 must have been increased with the value corresponding to the settlement rule. If it is a brand new asset, then the value will be equal to the settled amount.

## Asset master data

### Creation of asset master within CJ02

If all required data for a new asset are available and it is a one to one relation between WBS element and asset, the master data can be created within CJ02. Call up CJ02, click on WBS element overview:

**Change Project: Initial Screen**

Select a line and click on "Extras" > "Create completed asset":

S	Lev	WBS element	Description	Short ID
	1	BBA-N06701	Capitalized expenditures	BBA-N06701
	2	BBA-N06701.NA	Non assigned amount	BBA-N06701.NA
	2	BBA-N06701.01	Sub project 1	BBA-N06701.01
	3	BBA-N06701.01.1	Static equipment (Mat. Code first digit)	BBA-N06701.01.1
	4	BBA-N06701.01.11	Vessels (Material Code second digit)	BBA-N06701.01.11
	2	BBA-N06701.01.2	Mechanical Equip (Mat. Code first digit)	BBA-N06701.01.2
	4	BBA-N06701.01.21.0001	Centrifugal pump	BBA-N06701.01.21

Make the necessary entries:

**Asset class** (according to WBS element)

**Number of similar assets** (if you have more than one identical items)

**Sub number** (if you have an extension of an existing asset or subsequent acquisition costs)

**Reference** (if you want to use an existing asset as template)

**Cost center** (if not entered in WBS element)

**Location**

To continue, click on additional data:

Asset(s) to be created

Asset class	<input type="text" value=""/>
Company code / asset	4056
Number of similar assets	<input type="text" value="1"/>
<input type="checkbox"/> Subnumber	

Reference

Company code / asset	<input type="text" value=""/>
----------------------	-------------------------------

Master data

Description	Centrifugal pump
Inventory number	<input type="text" value=""/>
Business area	7252
Cost center	<input type="text" value=""/>
Plant	BBAA
Location	<input type="text" value=""/>
<input type="button" value="Additional data"/>	

✓ 🌐 ✗

The following entries are possible:

**Serial number** (if available)

**Functional location** (if required and available)

**Material number and Quantity** (if you create asset master data for spare parts)

Asset: INTERN-00001 0 Centrifugal pump  
Class: ZDE21100 Company code: 4056

General | Time-dependent | Allocations | Origin | Net worth tax | Insurance | Dep

**General data**

Description: Centrifugal pump

Acct determination: DE121000 Acct.grp. text missing

Serial number: [redacted]

Inventory number: [redacted]

Quantity: [redacted]

Manage historically

**User Fields**

Functional Locat: [redacted]

Material Numbe: [redacted]

**Inventory**

Last inventory on: [redacted]  Include asset in inventory list

Inventory note: [redacted]

**Posting information**

Capitalized on: [redacted] Deactivation on: [redacted]

First acquisition on: [redacted] Plnd. retirement on: [redacted]

Acquisition year: [redacted] 000 Ordered on: [redacted]

N° Budget

Investment support key (if you receive subsidies)

Asset: INTERN-00001 0 Centrifugal pump  
Class: ZDE21100 Company code: 4056

General | Time-dependent | Allocations | Origin | Net worth tax | Insurance | Dep

**Allocations**

EVAL. n\*1: [redacted]

EVAL. n\*2: [redacted]

EVAL. n\*3: [redacted]

MATERIAL CODE: 21 PUMPING EQUIPMENTS

N° BUDGET: N06701 Text does not exist

Investment reason: [redacted]

Envir. investment: [redacted]

Asset super number: [redacted]

**Investment support measures**

Key	Description
[redacted]	







After calling up AS01 you have to make the mandatory entries and, if applicable, select a reference asset. Click on "Master data":

### Create Asset: Initial screen

Master data Depreciation areas

Asset class ZDE21100  
Company code 4056  
Number of similar assets 1

Reference  
Asset  
Sub-number  
Company code

Post-capitalization

You get the same tabs and have to make the same entries as described above (3.1.)

### Create Asset: Master data

Asset values

Asset INTERN-00001 0  
Class ZDE21100 Company code 4056


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

General data  
Description  
Acct determination DE121000 Acct.grp. text missing  
Serial number  
Inventory number  
Quantity  
 Manage historically

User Fields  
Functional Locat  
Material Numbe

Inventory  
Last inventory on  Include asset in inventory list  
Inventory note

Posting information  
Capitalized on  
First acquisition on  
Acquisition year 000  
Deactivation on  
Plnd. retirement on  
Ordered on

Finally: save your data  !

## Inventory number

In both cases of asset master creation (CJ02 and AS01) you have to insert the inventory number. The inventory number never changes for the whole life of an item, regardless of group internal asset transfers. It is created when master data for an item are created for the first time and has – in case of group internal asset transfer – to be transferred to the asset master of the receiving company.

The recommendation for the coding of unique inventory numbers is as follows:

- digits 3 to 6 (always 0) of the asset number (12 digits) are deleted,
- slash,
- 3 digits for sub number,
- hyphen,
- 4 digits for company code.

## Maintenance of settlement rule

Call up CJ02. Click on "WBS element overview":

[Change Project: Initial Screen](#)

Select a line and click on "Settlement rule":

2	BBA-N06701.01	Sub project 1	BBA-N06701.01	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	BBA-N06701.01.0	Engineering	BBA-N06701.01.0	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	BBA-N06701.01.03.0001	Mechanical engineering	BBA-N06701.01.03	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	BBA-N06701.01.1	Static equipment (Mat. Code first digit)	BBA-N06701.01.1	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	BBA-N06701.01.11	Vessels (Material Code second digit)	BBA-N06701.01.11	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	BBA-N06701.01.2	Mechanical equip.(Mat. Code first digit)	BBA-N06701.01.2	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	BBA-N06701.01.21.0001	Centrifugal pump	BBA-N06701.01.21	IN		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	BBA-D06701	Demolition	BBA-D06701	DE		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	BBA-U06701	Startup	BBA-U06701	ST		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1				IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Settlement rule

Make the entries category, settlement receiver and percentage or equivalent no.:

WBS element BBA-N06701.01.03.0001  
Mechanical engineering

Actual settlement \_\_\_\_\_

Default distribution rules

Cat	Settlement Receivers	Receiver-short text	%	Equivalence no.	Set..	No.	St..	Fro...	From ...	To p...	To fis...	First used	Last used
FXA	00000010713-0	Centrifugal pump	15,00		FUL	1							
FXA	250000010712-0	Verrohrung R4212 PE-H...	35,00		FUL	2							
FXA	250000010711-0	R4212 PE-Hauptverdam...	50,00		FUL	3							
					FUL								


Click on "Back"


and save your data:

## Maintenance of master data

# Maintenance for single assets AS02

The transaction to change asset master data is AS02. Changeable fields have a white background. You have to take into account, that cost centers should not be replaced directly. They should be added as further intervals. Select tab "time dependent" and click on "Further intervals":

 **Change Asset: Master data**


 Asset values

Asset 250000010713 0 Centrifugal pump  
Class ZDE21100 Company code 4056

General Time-dependent Allocations Origin Net worth tax Insurance Dep

Interval from 01.01.1900 to 31.12.9999

Business area	7252	SODA ASH WESTERN EUROPE sub...
Cost center	0332402200	Solereinigung
Resp. cost center		
Plant	BBA	SCHM-DE /BERNBURG KOETH
Location	0008	Solereinigung
Room		
License plate number		
Shift factor		
<input type="checkbox"/> Asset shutdown		

 Further intervals





For mass changes of cost center and/or location call up ZDEAPAEN1 and click on "Execute":









Depending on what has to be changed, insert your selection.

Note: if you delete the hook in "Testlauf kein BTCI" you create a batch input session that has to be executed to finish the change of master data.

**ZDEAPAEN1 BTCI Anlagen Ändern Kostenstellen Standort**

**Selektion Anlagen**

Company Code	4060	to		
Asset		to		
Subnumber		to		
Asset Class		to		
Anlagenklasse im Bau überlesen	<input checked="" type="checkbox"/> *IEC*	to		
Cost Center		to		
Location		to		
Business Area		to		

nur aktive Anlagen  
 nur Anlagen mit Zugangsdatum

**Steuerung Feldänderungen**

Testlauf kein BTCI  
 Kostenstelle ändern  
 Standort ändern

**Feldinhalte für Mappe**

Gültig ab neu	<input checked="" type="checkbox"/>
Kostenstelle neu	
Standort neu	
Mappenname	ZDEAPAEN1
User Name	PT63014518



## Attachments



End of document

# Workflow history

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

Oct 07, 2025	Actor	Type	Activity	Version
Published	 THIPSANTHIAH, Thikhamphorn	Edit	updated the page at 6:48 am	
Jul 15, 2022				
	André Pamplona	State	changed state to <b>Published</b> at 2:15 pm	v10
Draft	André Pamplona	State	gave <i>Approvers</i> approval at 2:15 pm	
Jul 14, 2022				
	 LUCAS PIMENTEL OGURA	Edit	updated the page at 7:51 pm	
	SCHUBERT, Eduardo Luis	State	gave <i>Approvers</i> approval at 6:03 pm	