

Project System
SAP Implementation at IESCO
Training Document
Versions
CE PMU – PD GSC

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Versions

1 Purpose

Document

Project Versions are helpful in comparing the status of a project at different intervals.

Prerequisites

Projects versions need to be created by user.

1.1 Process Steps (PMU / GSC)

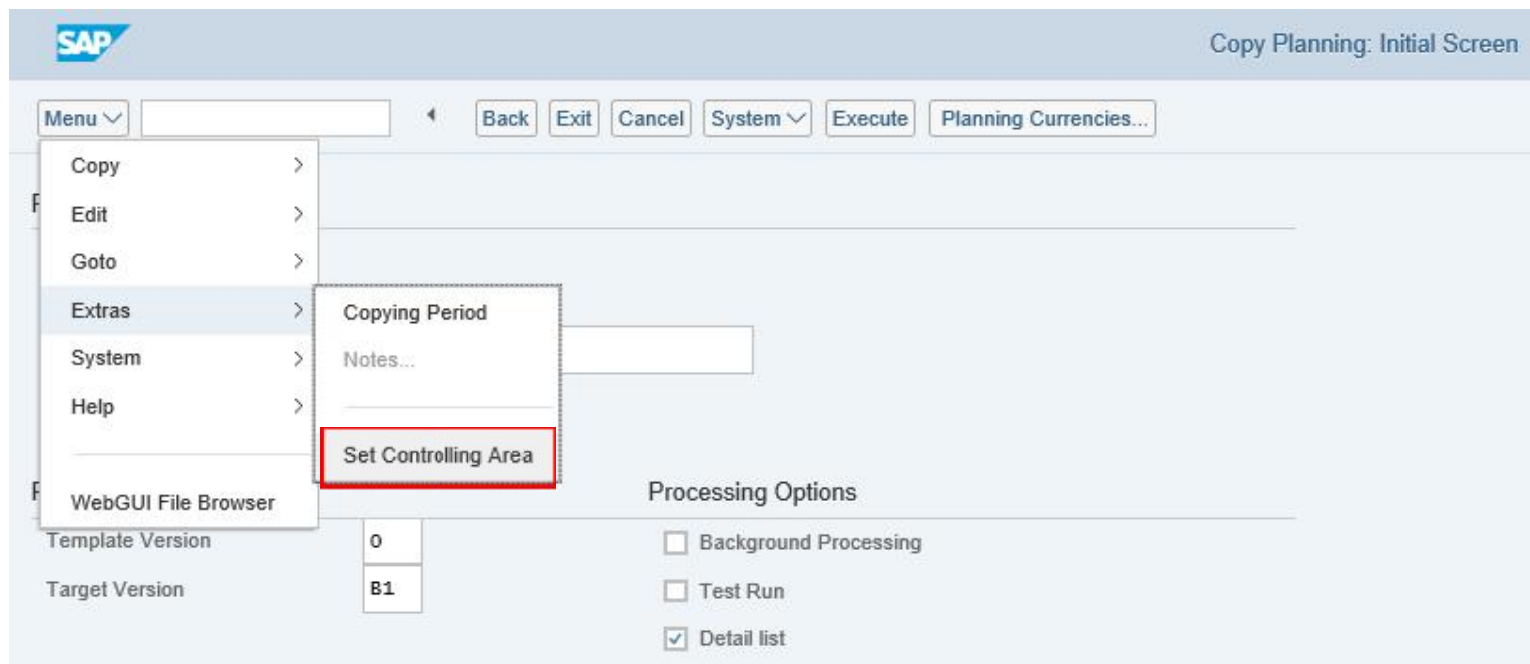
1.1.1 Create CO Version

Use

It is used to maintain the original Plan Cost, so that once original plan is revised it can be compared with the initial plan.

Procedure

1. Access the “Copy Plan” App, From Fiori Launchpad:
2. Click on Menu go to Extras and choose Set Controlling Area



3. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Controlling Area	An organizational unit within a company, used to represent a closed system for cost accounting purposes	Example: 1000	

4. Click Continue button
5. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project definition	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: PG.1713	

6. Click Help Search for Template Version

Version (1) X

[Restrictions](#)

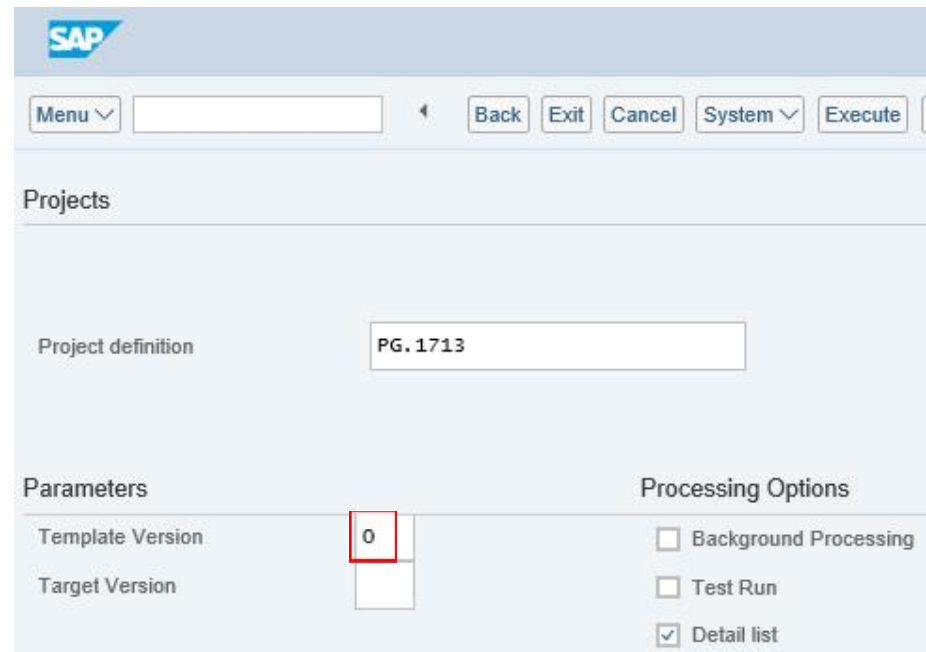





Controlling Area	Vsn	Actual	Plan	Version Description
1000	0	X	X	Plan/Act - Version
1000	1		X	Plan Version: Change 1
1000	2		X	Plan Version: Change 2
1000	3		X	Plan Version: Change 3
1000	B1		X	Capital Budget from Department
1000	B2		X	Capital Budget from Department
1000	B3		X	Capital Budget from Department
1000	ECP		X	Easy Cost Planning

8 Entries found

7. Click 0 and press enter



A screenshot of the SAP Project System (PS) interface. The top bar features the SAP logo and a menu bar with buttons for Menu, Back, Exit, Cancel, System, Execute, and F. Below the menu bar, the 'Projects' section is visible. Under 'Project definition', the text 'PG. 1713' is displayed. The 'Parameters' section contains two input fields: 'Template Version' with the value '0' (highlighted by a red box) and 'Target Version' which is empty. The 'Processing Options' section includes three checkboxes: 'Background Processing' (unchecked), 'Test Run' (unchecked), and 'Detail list' (checked).

8. Click Search Help button for Target Version

Version (1) X

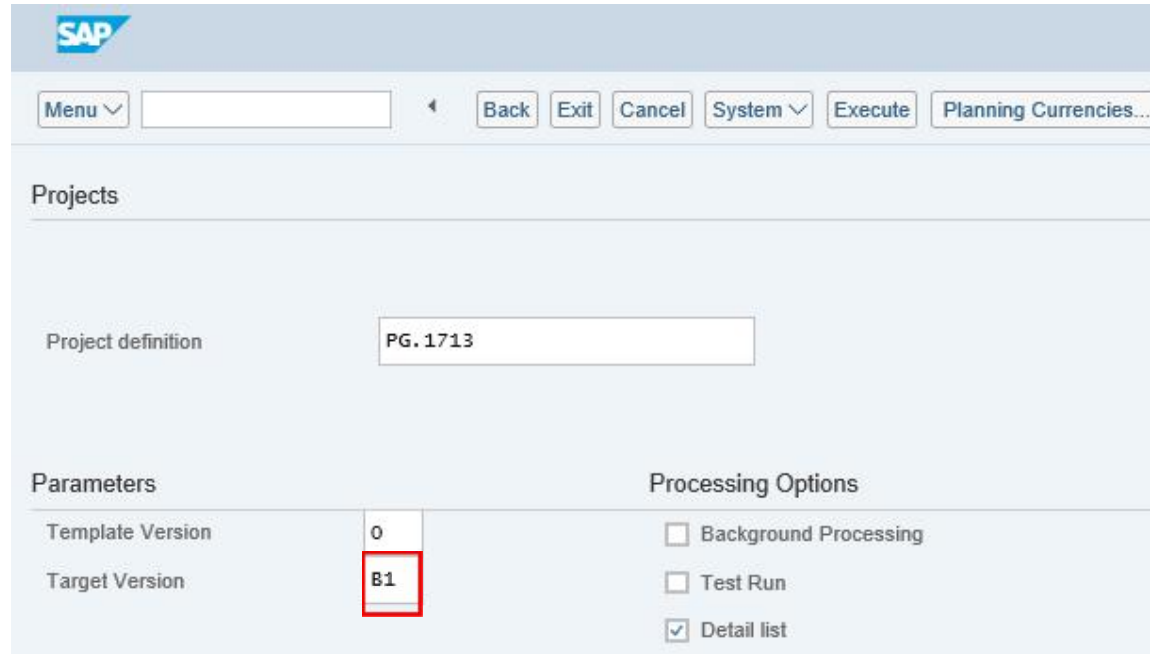
> Restrictions
...

Controlling Area	Vsn	Actual	Plan	Version Description
1000	0	X	X	Plan/Act - Version
1000	1		X	Plan Version: Change 1
1000	2		X	Plan Version: Change 2
1000	3		X	Plan Version: Change 3
1000	B1		X	Capital Budget from Department
1000	B2		X	Capital Budget from Department
1000	B3		X	Capital Budget from Department
1000	ECP		X	Easy Cost Planning

8 Entries found

🔍
✓
📄
✗

9. Click B1 version, and press enter



The image shows the SAP Project System dialog box. At the top, there is a menu bar with buttons: Menu, Back, Exit, Cancel, System, Execute, and Planning Currencies... Below the menu bar, the 'Projects' section contains a 'Project definition' field with the value 'PG. 1713'. The 'Parameters' section has two rows: 'Template Version' with value '0' and 'Target Version' with value 'B1'. The 'Processing Options' section has three checkboxes: 'Background Processing' (unchecked), 'Test Run' (unchecked), and 'Detail list' (checked). The 'B1' value in the 'Target Version' field is highlighted with a red box.

10. Click Execute button



The image shows a 'Copy Values' dialog box. It has a title bar with 'Copy Values' and a close button (X). The main text says 'Existing data in the target version will be overwritten'. Below this, there is a question mark icon and the text 'Do you really want to copy?'. At the bottom, there are three buttons: 'Yes', 'No', and 'Cancel'. The 'Yes' button is highlighted with a red box.

11. Click Yes button

Menu
Back
Exit
Cancel
System
First Column
Column Left
Column Right
Last Column
Messages
Sort in Ascending Order
Sort in De

Controlling Area: 1000 IESCO

Template: 0 Plan/Act - Version

Target: B1 Capital Budget from Department

Project definition: PG.1713 8th STG (Year 2017-2018) Estimate

With orders: X Parameters including all orders

Processing Status: Update Run Existing Planning Data: Reset and Overwrite

Copied Records: 7

Transaction text	OTy	Object ID	Cost Elem.	Year	StatKF	Resource	TCurr	OTy	PObj. ID	OTy	SObj. ID	Fund	PartFund	Errors
Std cost est. (ind.purch.ordr)														
	NWA	210000000304 0010	710000	2018			PKR							
	NWA	210000000304 0020	710000	2018			PKR							
Standard costing (primary)														
	NWA	210000000305 0010	750620	2018			PKR							
Standard costing (overhead)														

12. Click Back , Press Yes against Leave List message

Result:

One Plan Version has been copied to another Plan version.

1.1.2 Project Version

Use

It is used to maintain the Project Snapshot at a particular time, for comparison purpose.

Procedure

1. Access the “Save Project Version” App, From Fiori Launchpad:

2. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project definition	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: 000000000001	

- 





Save Project Versions



Save Project Versions

Menu ▾

◀

Save as Variant...

Back

Exit

Cancel

System ▾

Execute

Dynamic selections

Other sel. version

Project Management Selections (Other DB profile: 0000000000001)

Project	PG. 1713		to		↗

WBS element			to		↗
Network/order			to		↗
Activity			to		↗
Materials in network			to		↗

Additional WBS element criteria

Level	1	to	99
-------	---	----	----

Project version specifications

Version key	?	Find open number
Description		
Version Group	?	
☐ MTA relevant		
☐ Next open number		

4. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: PG.1713	
MTA Relevant		Uncheck	

5. Click Find open number button

6. Update the following required and optional fields:

Find Open Number ×

Search area

Start value

PGVER0000001

Finish value

PGVER9999999

Search strategy

☒ Find next open number
 ☐ Find number after last assigned

Proposed

PGVER0000001

✓
Q
+
×

Field name	Description	User action and values	Comments
Start Value		Example: PGVER0000001	Number of version

7. Find Click button 
8. Press Enter 

Menu ▾
Save as Variant...
Back
Exit
Cancel
System ▾
Execute
Dynamic selections

Project Management Selections (Other DB profile: 000000000001)

Project
PG. 1713
to

WBS element
to

Network/order
to

Activity
to

Materials in network
to

Additional WBS element criteria

Level
1
to
99

Project version specifications

Version key
PGVER0000001

Description

Version Group
PGVER0418

☐ MTA relevant

☐ Next open number

9. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Version key		Example: REV000000001	Number of a version
Version group		Example: PGVER0418	Use the description field to specify the objects to be included in the project version.

10. Press Enter

11. Click Execute button



Result:

Project Version / Project Snapshot at particular time has been saved.

1.1.3 Transfer Project to Simulation

Use

It is used to transfer operative project to simulation version, so that changing can be simulated.

Procedure

1. Access the "Transfer Project" App, From Fiori Launchpad.

2. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project Def.	A framework for a business undertaking with a fixed goal to achieve with given	Example: PG.1713	

	resources.		
Target Version		Example: SIM000000001	Enter the name of the version to be transferred in the Source version field

3. Select option Operative to Version

Menu ▾
Back
Exit
Cancel
System ▾
Transfer
Test run

Project

Project def.
PG. 1713

WBS element

Transfer from --> to...

☐ Version --> Operative Data
☒ Operative Data --> Version
☐ Version --> Version

Source version

Target version
SIM000000001

4. Press Transfer

The screenshot shows the SAP 'Transfer Project' dialog. At the top, there is a menu bar with 'Menu', a search field, and buttons for 'Back', 'Exit', 'Cancel', 'System', 'Transfer' (highlighted with a red box), and 'Test run'. Below the menu bar, the 'Project' section contains 'Project def.' with the value 'PG. 1713' and an empty 'WBS element' field. The 'Transfer from --> to...' section has three radio button options: 'Version --> Operative Data', 'Operative Data --> Version' (which is selected), and 'Version --> Version'. At the bottom, there are fields for 'Source version' and 'Target version', with the value 'SIM000000001' visible in the 'Target version' field. A modal dialog titled 'Copy Project' is overlaid on the right side. It contains the text 'Project PG.1713 does not exist in the version SIM000000001!' and a question 'Create this version?' with a green question mark icon. At the bottom of the modal, there are 'Yes' and 'No' buttons, with the 'Yes' button highlighted by a red box.

5. Press Yes

Log: Transfer Project

Menu ▾
Back
Exit
Cancel
Details
Long Text
Technical Information
Help

Date/Time/User	N...	External ID	Object text	Subobject T...	Transa...	Program	Mode	Log number
18.04.2018 19:52:35 PS-01	25	PG.1713-->PG.1713(SIM000000001)	PS: Simulation	Transfer opera	CJV4	SAPMCNV	Dialog proc	000000000000003867
Problem class Medium	2							
Problem class Additional I	23							

STOP 0
0
0
25

Type	Message text	LTxt	Det.
■	GUID 000C2913AE571EE890E3044DA49A6751 was created for object Network ?!0000000212		🔍
■	GUID 000C2913AE571EE890E3044DA49A8751 was created for object Network ?!0000000213		🔍
■	GUID 000C2913AE571EE890E3044DA49AA751 was created for object Network ?!0000000214		🔍
■	GUID 000C2913AE571EE890E3044DA49AC751 was created for object Network Activity ?!00000002120010		🔍
■	GUID 000C2913AE571EE890E3044DA49AE751 was created for object Network Activity ?!00000002120020		🔍
■	GUID 000C2913AE571EE890E3044DA49B0751 was created for object Network Activity ?!00000002120030		🔍
■	GUID 000C2913AE571EE890E3044DA49B2751 was created for object Network Activity ?!00000002130010		🔍
■	GUID 000C2913AE571EE890E3044DA49B4751 was created for object Network Activity ?!00000002130020		🔍
■	GUID 000C2913AE571EE890E3044DA49B6751 was created for object Network Activity ?!00000002140010		🔍
■	GUID 000C2913AE571EE890E3044DA49B8751 was created for object Project Definition PG17130000 000		🔍
■	GUID 000C2913AE571EE890E3044DA49BA751 was created for object WBS Element PG17130000 000		🔍

✓ Creating project PG.1713 version SIM000000001

Result:

Simulation version has been created.

Note:

There are three ways of working with simulation versions:

Version -> Operative data

- You transfer a simulation version to an operative project
Enter the name of the version to be transferred in the **Source version** field

Operative data -> Version

- You transfer the data from an operative project to a new simulation version.
Enter the name of the version to be created in the **Target version** field.

Version -> Version

- You transfer one simulation version to another new one.
Enter the name of the version to transfer in the **Source version** field and the name of the new version in the **Target version** field.