



PS 1: Display Project

Task Display a project.

Time 10 min

Description Use the SAP Fiori Launchpad to display an existing project.

Name (position) Jun Lee (Production Manager)

In the following task you will be dealing with an existing project. Within the project you will process the construction of a bicycle (Ultralight).

To display a project, use in the *Project System* area in the role *Production* Manager the app Project Builder.

Fiori App





If the following pop up occurs *Project Builder: Options*, choose .



×

Project Builder: Options

Welcome to the Project Builder!

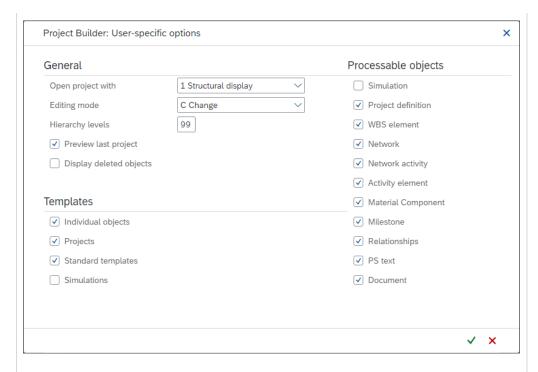
Before you start work you can make the basic settings for working with the Project Builder. You can

- · Which objects you want to work with
- The templates that you want to use
- · How projects appear when you call up the Project Builder
- · How the preview appears
- · How many hierarchy levels are displayed in your projects
- · Which mode (change/display) is used when you call up the Project Builder

If you do not change the settings now, the system uses the standard settings. However, you can change the settings at any time by choosing Settings -> Options.

In the popup *Project Builder: User-specific options* enter for Hierarchy levels 99 and select Preview last project. Leave other fields as they are.

Preview last project

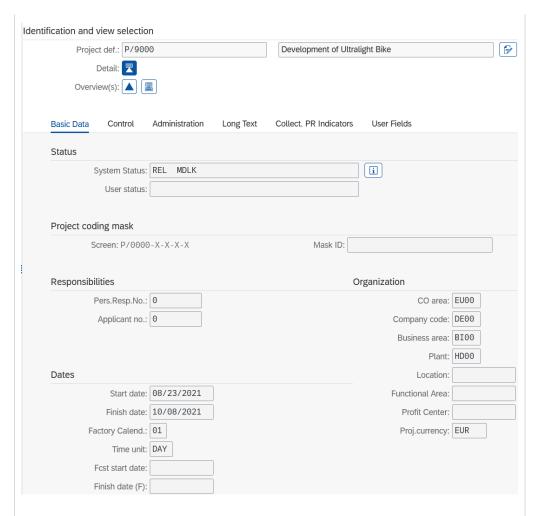


Confirm your entries by using the <u>U</u> button.

Click on \square . In the *Open Project* screen in Project Definition enter **P/9000** and select \checkmark .

In the Project Builder: Project P/9000 in the overview basic data, you can see that a Start and Finish date is maintained. Furthermore, the project currency, the plant and all other Basic data is maintained.

P/9000

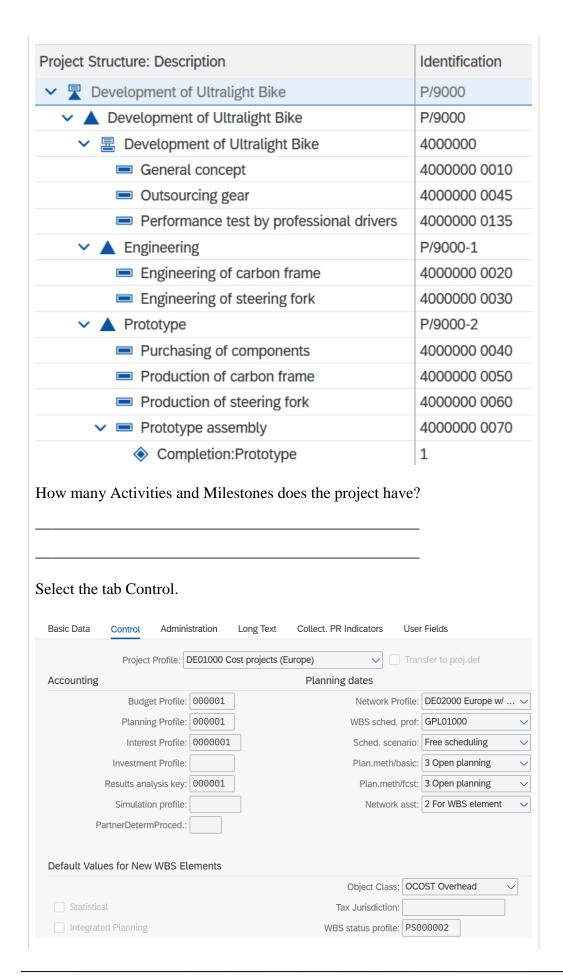


The system status is REL. This status is used for marking WBS elements for assignment.

On the left side you can see the classification of the project for the development of the Ultralight bicycle by using six WBS elements :

- Development of Ultralight Bike
- Engineering
- Prototype
- Testing
- Small series production
- Release to mass production

These are split into allocated Activities . Milestones can be allocated to Activities. These are displayed in the SAP system using the following symbol



In the field Sched. scenario select the pull-down button. There you can see that in SAP predefined project structures can be chosen or as in our case, a predefined project can be created.
Name the three scenarios you can choose!
Go to the tab Administration. Who created the project and when?
Click on the home icon to return to the Fiori Launchpad Overview.



PS 2: Display WBS-Elements

Task Display single WBS elements from the project.

Time 10 Min.

Description Use the SAP Fiori Launchpad to display WBS elements for the existing project.

Name (Position) Jermain Kumins (Shop Floor Worker)

To display your WBS elements, use in the *Project System* area in the role *Shop Floor Worker* the app *WBS Element Overview*.

Fiori App

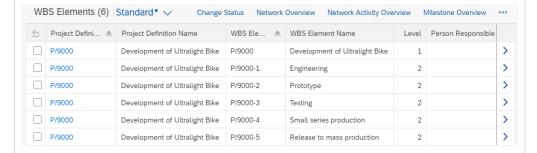


In the WBS Element Overview view, enter P/9000 for Project Definition.

P/9000

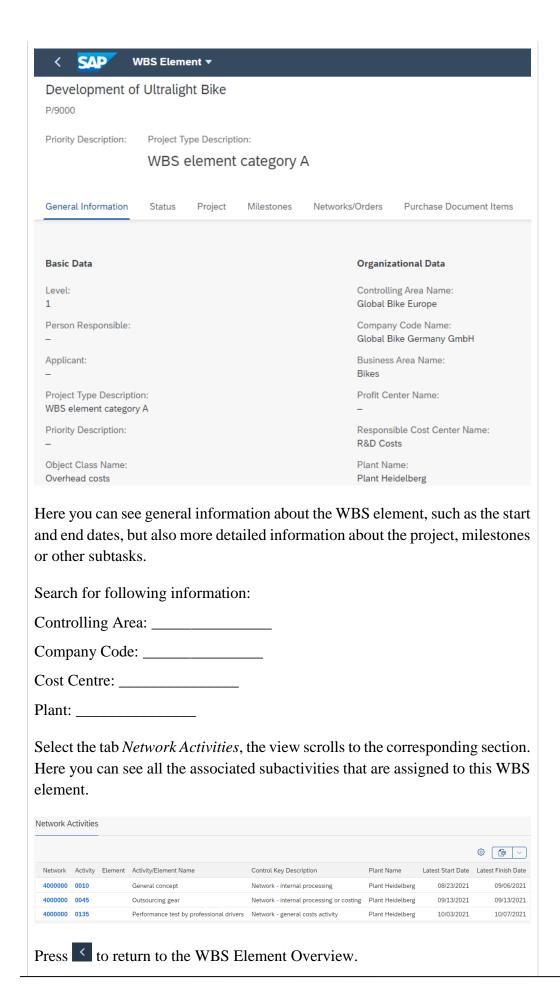


Select Go to execute the search. You get an overview with the six already known WBS elements. Scroll to the right for more information.



Note A WBS element describes either a concrete activity or a subactivity that can be further subdivided.

Click on in the first line on the right side of the screen to open the details of the WBS element P/9000 – Development of Ultralight Bike.



You can also view details of other WBS elements. Other elements include, for example, a milestone.
Click on the home icon to return to the Fiori Launchpad Overview.



PS 3: Display Activities

Task Display Activities.

Time 5 min

Description Use the SAP Fiori Launchpad to display Activities of the project.

Name (Position) Jun Lee (Production Manager)

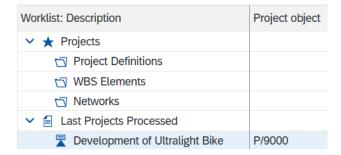
To display activities, use in the *Project System* area in the role *Production Manager* the app *Project Builder*.

Project Builder

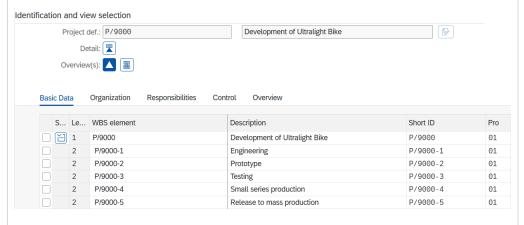
Fiori App



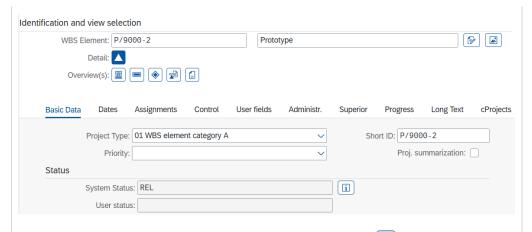
Under *Worklist: Description* you will find the Project **P/9000**. Please double click the Project to select it.



In the *Identification and view selection* choose WBS element overview.

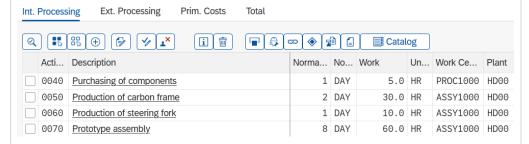


Please double click the WBS element P/9000-2.



Afterwards please select the Button Activity Overview .

In the tab *Internal Processing* all corresponding Activities should be displayed. There you see the data of Activities such as the duration in days and the work time in hours.



Choose the tab *Ext. Processing*. You can see that there are no values maintained since all the WBS elements here are executed by the enterprise itself.

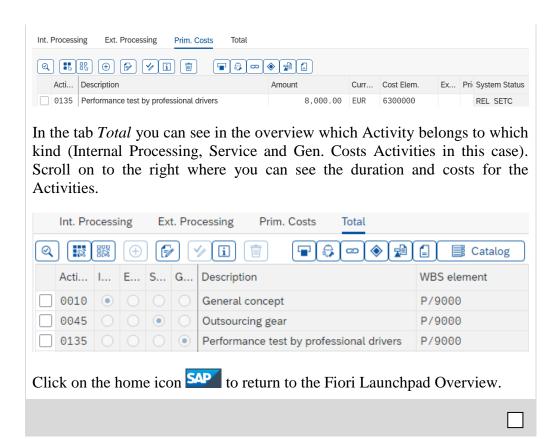
Now select the entry *Development Ultralight Bike - P/9000* from the project structure on the left.



In the tab *Internal Processing* the Activity "General concept" is maintained. In the tab *Ext. Processing* "Outsourcing gear" is maintained for a price of 5.000,00€.



In the tab *Primary Costs* a "Performance test by professional drivers" is maintained for 8.000,00€.





Step 4: Display project network graph

Task Display the project network graph.

Time 5 min

Short Description Use the SAP Fiori Launchpad to display the project network graph.

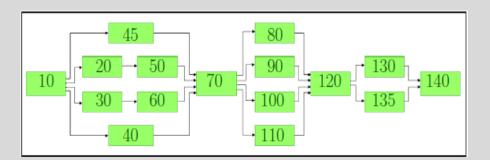
Name (Position) Jun Lee (Production Manager)

To display a project network graph, use in the *Project System* area in the role *Production Manager* the app *Project Network Graph*.

Fiori App

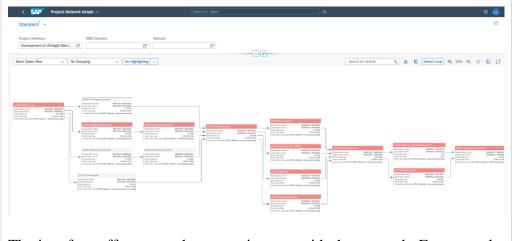
Project Network Graph

Activities can be linked together by relationships to establish a chronological order. The resulting arrangement structure is called a network. The diagram shows a schematic of the network plan for the development of the ultra-light bike.



Enter **P/9000** in the Project Definition search field. The corresponding network is automatically loaded by the system.

P/9000

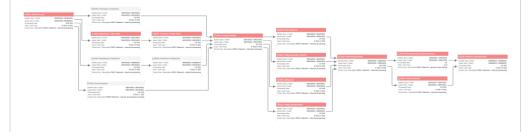


The interface offers several ways to interact with the network. For example, you can identify loops that have not been noticed in the Project Builder and look at the critical path of the project. Activities of the critical path are marked

Basic Critical

Further explanations of the graph can be found in the legend .

Click on u to adjust the network to the window size.

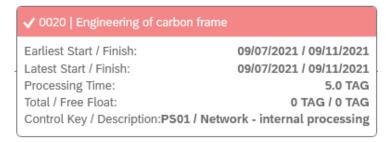


Explain how the critical path of a project is defined!

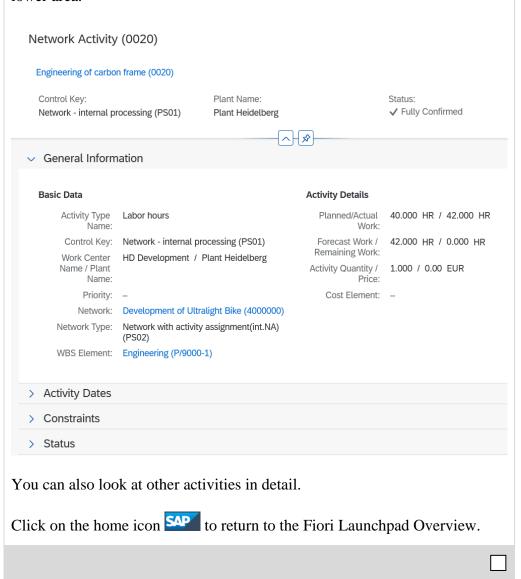
You can thus get an overall impression of the network. You can use and to zoom in and out at any time.

Zoom in on the view again. Already in the overview of the project network you can see important key data such as start and end dates and the processing time for the individual activities.

Click on the operation 0020 / Engineering of carbon frame to open further details.



In the *Network Activity*, you can view the current status and other general information such as the control key, workstation name. Further information on the status or a list of all predecessors/successors can also be viewed in the lower area.





PS 5: Display Milestones

Task Display Milestones.

Time 5 min

Description Use the SAP Fiori Launchpad to display Milestones of the Project.

Name (Position) Jun Lee (Production Planner)

To display a milestone, use in the *Project System* area in the role *Production Manager* the app *Milestone Overview*.

Fiori App

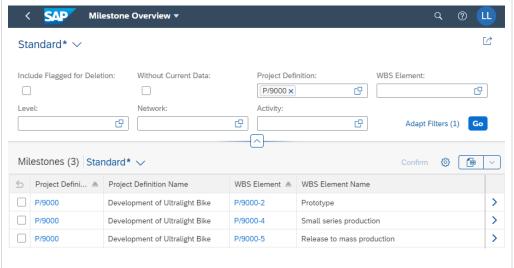
Milestone Overview

Note Important Project content is marked by milestones. Milestones are allocated to Activities or WBS elements of the project and fulfill tasks for later processes or steps like progress determination and Milestone Billing in case of Sales and Distribution projects.

Enter P/9000 in the Project Definition search field and select Go.

P/9000

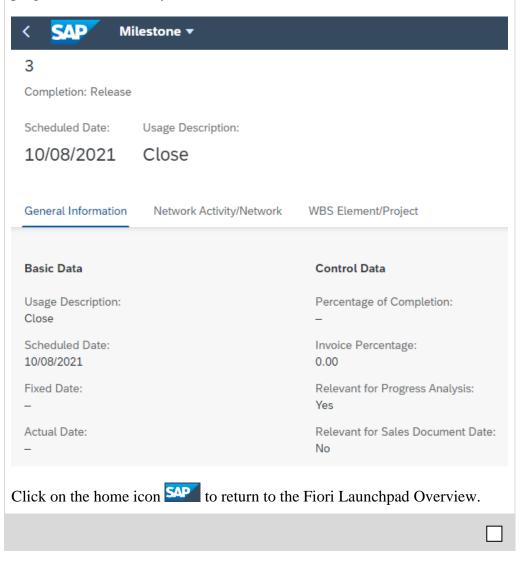
You will get an overview of all milestones of the project. Scroll to the right for more information



What are the milestone names of the P/8000 project?

Take a closer look at the last milestone. To do this, click on > at the end of the line.

Here you can see more detailed information on whether a milestone has been completed, for example, its percentage of completion or its relevance for the progress and trend analysis.





PS 6: Information System Structures

Task Analyze the project structure.

Time 5 min

Description Use the SAP Fiori Launchpad to analyze the project structure.

Name (Position) Jermain Kumins (Shop Floor Worker)

Using the structure information system, the project structure as well as Dates, Costs and Returns (for Plan and Actual) can be evaluated. In the Info System not just the Display but maintenance of objects including the setting of dates for WBS elements is possible.

To analyze the project structure, use in the *Project System* area in the role *Shop Floor Worker* the app *Structure Overview*.

Fiori App

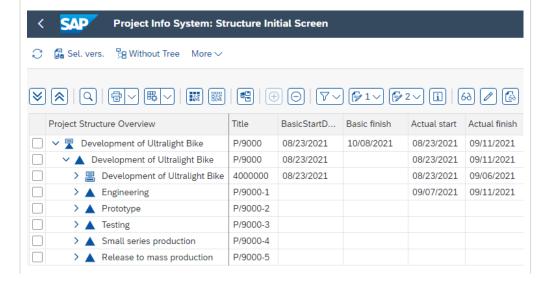
Structure Overview

If the system prompts you to enter something in *PS Info profile* enter **GL01000** and confirm with \checkmark .

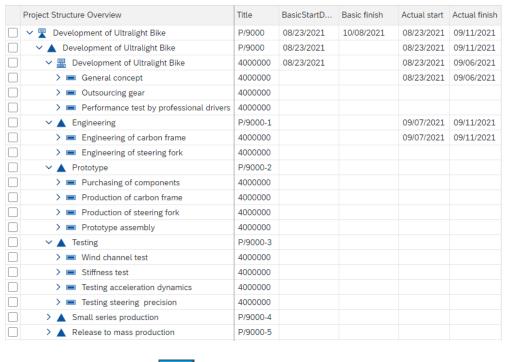
GL01000

In the selection window for project enter **P/9000** and leave all other fields as they are. Select the Execute button to display the report.

P/9000



Expand the tree structure further. You will find the same structure as in the Project Builder. In addition, the basic dates and the current actual dates for the individual tasks are listed so that you can follow the current progress of the project.



Click on the home icon to return to the Fiori Launchpad Overview.



PS 7: Display Actual Costs

Task Display the actual costs of the project.

Time 5 min

Description Use the report Actual/Commitment/Total/Plan in CO Area Currency to display the actual costs for the project.

Name (Position) Silvia Cassano (Controller)

To display the costs report, use in the *Project System* area in the role *Controller* the app *Project Costs - Actual/Commitment/Total/Plan*.

Fiori App

Project Costs Actual/Commitment/...

If the system prompts you to enter a Database Profile, please enter **GL01000** GBI: Standard selection (structure) and click .

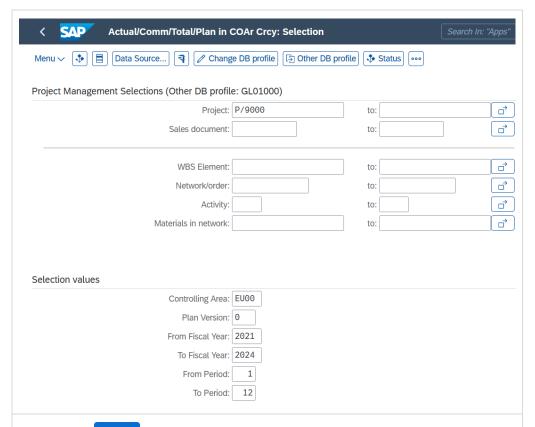
GL01000

Within project enter the project **P/9000**. Compare that the necessary data be filled as in the following screenshot.

P/9000

The *Controlling Area* should be **EU00**, the *Plan Version* **0**, *From Fiscal Year* should be **2021** and *to Fiscal Year* should be **next year**. For *from Period* select **1** and for *To Period* select **12**.

EU00 0 2021 until next year 1 to 12



Then click Execute. If a pop up is produced, please select the extract of the report that you selected.

You get an overview about all used cost elements. These are structured in Is, Open, Sum and Plan costs.



Where do the planned costs come from that are shown for the project and the individual activities?

WBS P/9000 Development of Ultralight Bike (Cum.) NWA 4000000 0010 General concept NWA 4000000 0045 Outsourcing gear NWA 4000000 0135 Performance test by professional drivers In the case of outsourcing, the cost element 6991000 labour costs is used costs of 5,000 EUR are specified. These costs could already be seen in exerces 3. Act/Com/Total/Plan As of::08/08/2023 Page: 2 / 6 Column 1 / 4 Object NWA 4000000 0045 Outsourcing gear Name of Person Resp.	Act/Com/Total/Plan
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✓ ♥ WBS P/9000 Development of Ultralight Bike (Cum.)	
PRJ P/9000 Development of Ottratight Bike	
DD I D/0000 Development of Little light Biles	✓ ☑ PRJ P/9000 Development of Ultralight Bike
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