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11-12 NOVEMBER 2024

Zero-Based Maintenance Budgeting to Assets. Is it possible using Fiori?

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Before we start!

- The Fiori apps shown in this presentation are custom made so they are not standard SAP Fiori app
- However, we did utilise many standard CDS views to build these apps.
- The process and discussion may not be the same as your budgeting process so if you have a view, I'm happy to listen.
- During the presentation if you have a question just sing out but I will have questions at the end.



The last thing before we start is.

Is there anyone here that is currently doing
Zero Based Budgeting in SAP?



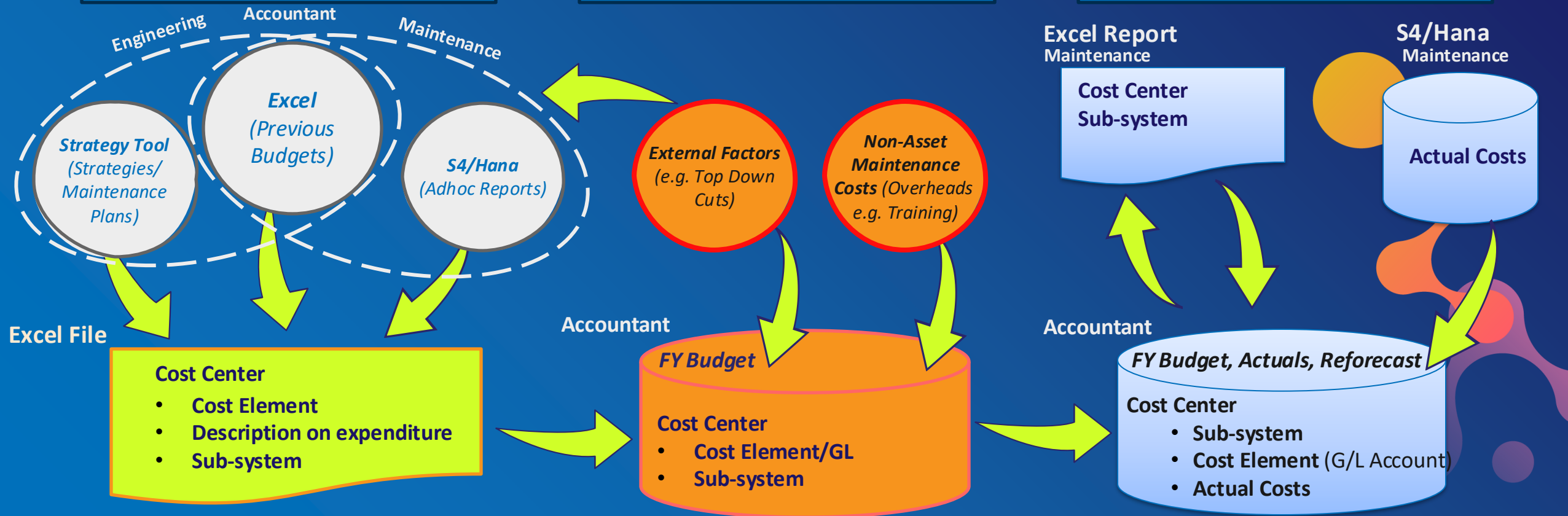
How did this begin?

Current State of Maintenance Budgeting

Preparation

Finalisation

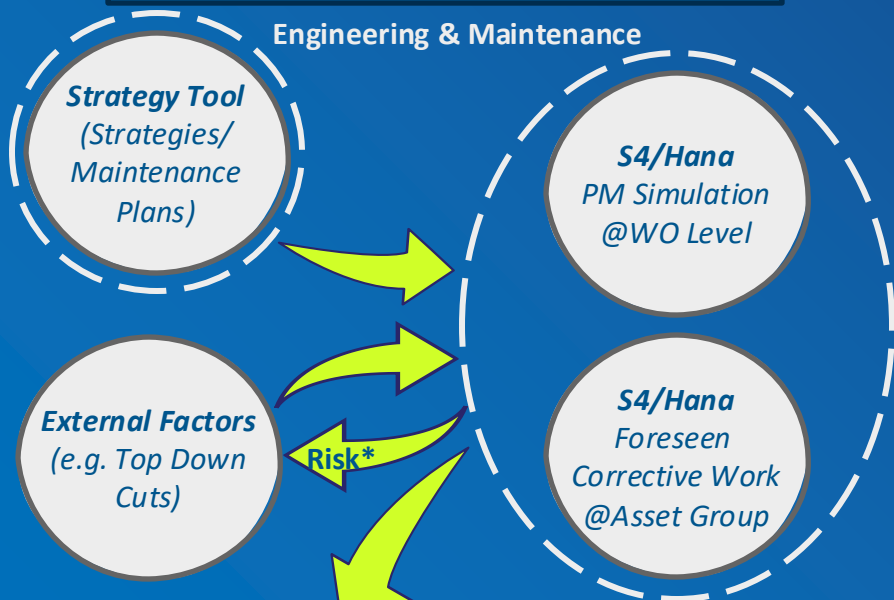
Budget Management



How did this begin?

The Future of Maintenance Budgeting

Preparation

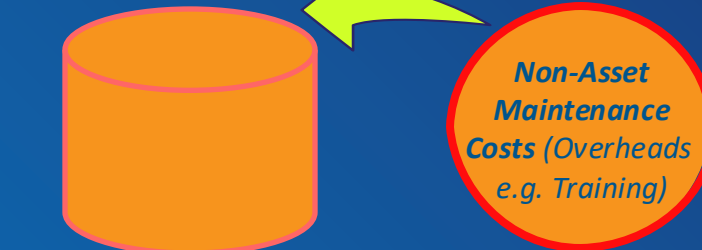


S4/Hana
Maintenance



Finalisation

Accountant



S4/Hana
Maintenance

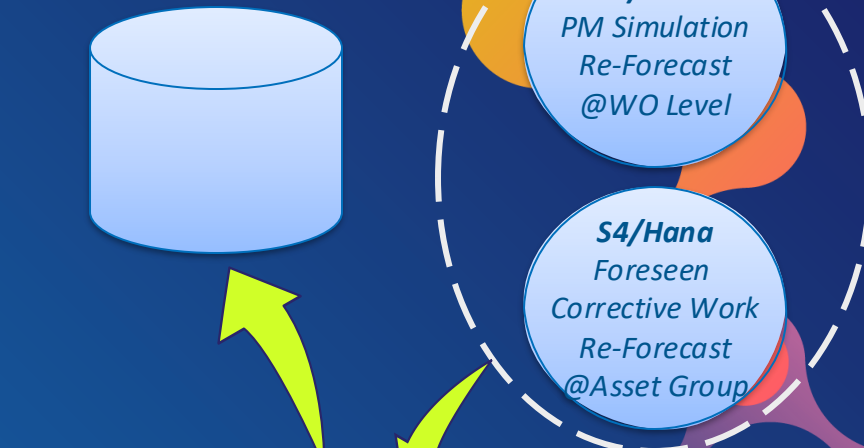


Baseline

Budget Management

Engineering & Maintenance

Accountant



S4/Hana
Maintenance



Why do Zero Based Budgeting?

ZBB is an informed way to construct and forecast future maintenance spend and monitor against a predicted budget.

Provides insight into:

- Where we are going to spend the money.
- When we are going to spend the money.
- What we spent the money on.
- Why we need to spend the money.



So why Fiori for Zero based Budgeting?

- We did explore WBS Elements, but it was too cumbersome and very limiting. Plus, they are owned by Finance!
- Fiori has the flexibility of UI5 and an improved User experience.
- Fiori can combine many aspects of Maintenance, Procurement & Supply Chain to deliver a full budgeting experience.
- It was the most current technology we had at the time so we could basically build it how you want it to be.



Overall ZBB Process Steps

Evaluate: Business requirements, operational inputs and parameters, and business maintenance strategies.

Request Business Requirements

Gather Business Requirements

Prepare: Align defined business goals and maintenance performance targets in ZBB

Preventative Maintenance –
Simulate Preventative &
Predictive Work (PM)

Corrective Maintenance -
Determine Foreseen
Maintenance Activities (FM)

Review Job Timings,
Labour Capacity & Costs
Accuracy

Maintenance Budget
Planning - Calculate ZBB

Present Risk Assessments: Establish the consequences if identified maintenance work is not carried out

Perform “What if” Risk
Scenarios

Identify & Analyse Risks

Update FM or
Preventative
Maintenance Work

Calculate ZBB Versions

If Not Accepted

Evaluate & Approve: ZBB suitable budget version, communicate to all stakeholders, align with Finance and implement budget

Review & Select
ZBB Version

Present ZBB

Accept ZBB

Approve ZBB

Manage Budget &
Costs

Maintenance Budgeting Fiori Apps

Maintenance Analyst/Manager

All Maintenance

Preventive Maintenance Simulation
Cost Simulation



Foreseen Maintenance
Budget Activity List



Maintenance Budget
Planning



Maintenance Budget Dashboard
Budget Overview



PM Budget
Simulation

- By Plant & Year.
- Budget based on Strategy based work.
- Lock in a version.

FM Budget Creation

- By Plant & Year.
- Budget based on expected Corrective work.
- Use versions to manage.
- Different scenarios can be created.

PM & FM Budget
Planning

- By Plant & Year.
- PM & FM combined based on their locked in versions.
- Annual or Forecast version locked in.

Maintenance Budget
Analysis

- Plant & Year.
- Real-time analysis based on the locked in Budgets.
- Budget v Actual analysis.

Some Master Data updates before we started.

- There are two key reporting fields that are set on a Functional Location or Equipment that were not utilised to their full potential.
- Alignment of these fields to each of the Site's Maintenance structures is crucial to reporting.
- The 2 fields are
 - **Plant Section** - A sub-division of a maintenance plant which is assigned to a person or group responsible for the maintenance on the pieces of equipment or functional locations that are installed in the plant section.
 - **Location** – A place where the Technical object is physically installed. This could be a physical location or system.

Integration

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Fields are copied to a Notification

Notification: 22000340 M2 A11 Shuttle conveyor broken

Notific. Status: OSNO NAPP

Order:

Notification Reported By System availability Location data Items Tasks Activities Related Ob

Location data

MaintPlant: 1562

Location: ECC00 MAIN COAL SUPPLY

Room:

Plant Section: EXT External PLT:

Work center:

ABC Indicator: B Very High

Sort Field:

Fields are copied to a Work Order

Release Put in process... Activate reservation/purchase req. Schedule Determine cos

Order: PM03 43000860 A11 Shuttle conveyor broken

Sys.Status: CRTD NMAT PRC

HeaderData Operations Components Costs Objects Additional Data Location Planning

Location data

MaintPlant: 1562

Location: ECC00 MAIN COAL SUPPLY

Room:

Plant Section: EXT External PLT:

Work center:

ABC Indicator: B Very High

Sort Field:

Maintenance item: 661 A11 Shuttle conveyor inspect

Strategy:

Maint. plan cat.: Preventive Maintenance

Item Object list item Item location

Location data

MaintPlant: 1562

Location: ECC00 MAIN COAL SUPPLY

Room:

Plant Section: EXT External PLT:

Work center:

ABC Indicator: B Very High

Sort Field:

Fields are copied to a Maintenance Item

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The Plant Section and Location fields can be used in many reports to group the different types of information

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The Plant Section and Asset Location on the Functional Location or Equipment is transferred automatically when a Notification, Work Order or Maintenance Item is created.

Functional loc.: 01ECC01GL011 Cat.: M General

Description: A11 SHTLE CONVEY

Status: CRTE COMM

General Location Organization Structure

Location data

MaintPlant: 1562

Location: ECC00 MAIN COAL SUPPLY

Room:

Plant Section: EXT External PLT:

Work center:

ABC Indic.: B Very High

Sort Field:

Preventive Maintenance Simulation

Step 1 in building a Zero-Based Budget.

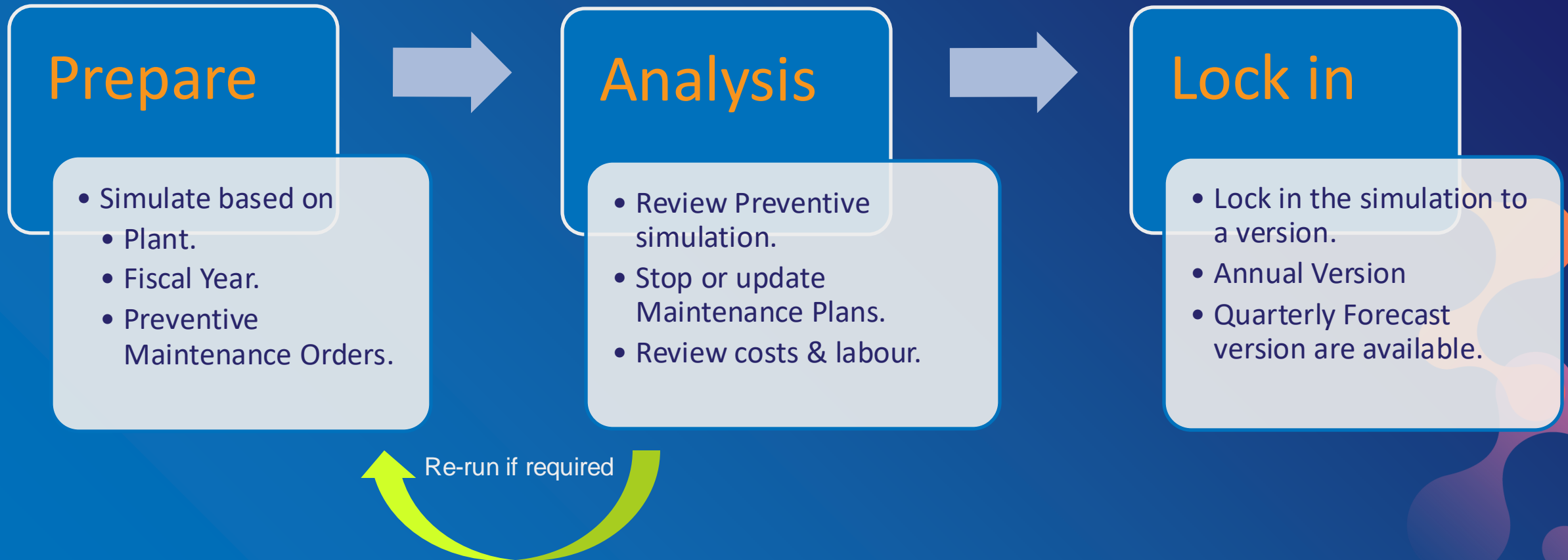
- The Preventive Maintenance Simulation app will list all Preventive Maintenance calls over a given year into the future.
- This also includes calls with no Work Orders created.
- The information is detailed down to the Task List Operation level which includes full costing and Labour hours.
- The app can chart the costing or hours as well as list the Maintenance Plans and items
- The Maintenance Item number is used as the Budget Item number to connect the Work Orders.
- Once analysed the simulation is locked in to either an Annual Version or Forecast Version.

Preventive Maintenance Simulation
Cost Simulation



Preventive Maintenance Simulation

Simple Process.



Preventive Maintenance Simulation

Mastering Sim* ▼



Maintenance Plan:

Maintenance Plant:

Maint Planning Plant:

Plant Section:

Cost Center:

Calendar Year:

Next Planned Month (YYYY/MM):

Maint Plan Category:

Fiscal Year:

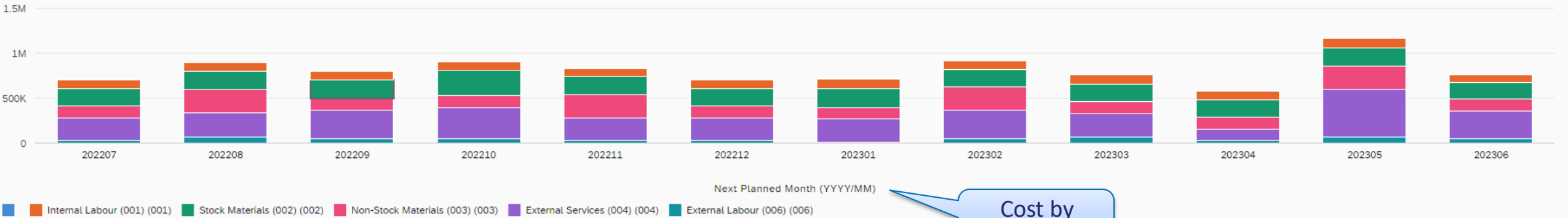
Go

Adapt Filters (3)

Preventive Maintenance Simulated Lines

Details View By

Cost Element Value Category / Next Planned Month (YYYY/MM)



Preventive Maintenance Simulated Lines (6,933)

PM Budget Copy Budget Export

| Maintenance Plan | Mainten... | all Number | Maintenan... | Next Planned D... | Material | Material Description | Work (Hours) | Total Cost | Cost Element Value Category | Cost Eleme... |
|--|----------------------------|------------|--------------|-------------------|----------|----------------------|--------------|------------|-----------------------------|-----------------|
| Maintenance Plan: 11 - Test - RL Mass Change (11) | | | | | | | | | | |
| Maintenance Plan: 21 - test offset plan (21) | | | | | | | | | | |
| Cost Element Value Category: 001 - Internal Labour (001) | | | | | | | | | | |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 249 | 7DOFF | 05.07.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 250 | 7DOFF | 12.07.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 251 | 7DOFF | 19.07.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 252 | 7DOFF | 26.07.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 253 | 7DOFF | 02.08.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |
| 21 (test offset plan (21)) | test offset plan (41) (41) | 254 | 7DOFF | 09.08.2022 | | () | 8.0 | 160.000 | Internal Labour (001) (001) | Internal Lab... |

Preventive Maintenance Simulation

Preventive Maintenance Simulated Lines (18) PM Budget Copy Budget Export 👁 🔍

| Maintenance Plan | Maintenan... | Call Number | Maintenan... | Next Planned D... | Material | Material Description | Work (Hours) | Total Cost |
|---|---------------------------|-------------|--------------|-------------------|----------|---|--------------|-------------|
| Maintenance Plan: 345 - BUDGET STRATEGY TIME BASED MULT... MS 2 (345) | | | | | | | | |
| Cost Element Value Category: 001 - Internal Labour (001) | | | | | | | | |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 18 | 3 Monthly | 20.08.2023 | | () | 25.0 | 500.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 19 | 4 Monthly | 19.09.2023 | | () | 10.0 | 200.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 20 | 3 Monthly | 18.11.2023 | | () | 25.0 | 500.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 22 | 3 Monthly | 16.02.2024 | | () | 25.0 | 500.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 17 | 2 Monthly | 21.07.2023 | | | 10.0 | 200.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 23 | 2 Monthly | 17.03.2024 | | | 10.0 | 200.000 |
| 345 (BUDGET STRATEGY TIME BASED M... | | | | | | | 105.0 | 2,100.000 |
| Cost Element Value Category: 002 - Stock Materials (002) | | | | | | | | |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 19 | 4 Monthly | 19.09.2023 | 1000230 | CLIP,RETAINING,GALV,GRID MESH FLOOR ... | | 678.100 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 19 | 4 Monthly | 19.09.2023 | 1000231 | FLOORING,GRIDMESH,900x900 RANGLE T... | | 3,300.900 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 21 | 16 Monthly | 17.01.2024 | 1000150 | BEARIN,WHRSR,THRS:NO.1 BRG PUMP SID... | 0.0 | 24,688.600 |
| 345 (BUDGET STRATEGY TIME BASED M... | | | | | | | 0.0 | 28,667.600 |
| Cost Element Value Category: 003 - Non-Stock Materials (003) | | | | | | | | |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 18 | 3 Monthly | 20.08.2023 | | | 0.0 | 130,000.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 18 | 3 Monthly | 20.08.2023 | 5000120 | test non stock material RA (5000120) | 0.0 | 1,200.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 20 | 3 Monthly | 18.11.2023 | | | 0.0 | 130,000.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 20 | 3 Monthly | 18.11.2023 | 5000120 | test non stock material RA (5000120) | 0.0 | 1,200.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 22 | 3 Monthly | 16.02.2024 | | | 0.0 | 130,000.000 |
| 345 (BUDGET STRATEGY TIME BASED MU... | BUDGET STRATEGY MONTHL... | 22 | 3 Monthly | 16.02.2024 | 5000120 | test non stock material RA (5000120) | 0.0 | 1,200.000 |
| 345 (BUDGET STRATEGY TIME BASED M... | | | | | | | 0.0 | 393,600.000 |
| > Cost Element Value Category: 004 - External Services (004) | | | | | | | 0.0 | 110,000.000 |

Budgeting
Functions

Value
Categories

Labour
Hours

Materials
Required

Calculated
Cost

Foreseen Maintenance Activities

Step 2 in building a Zero-Based Budget.

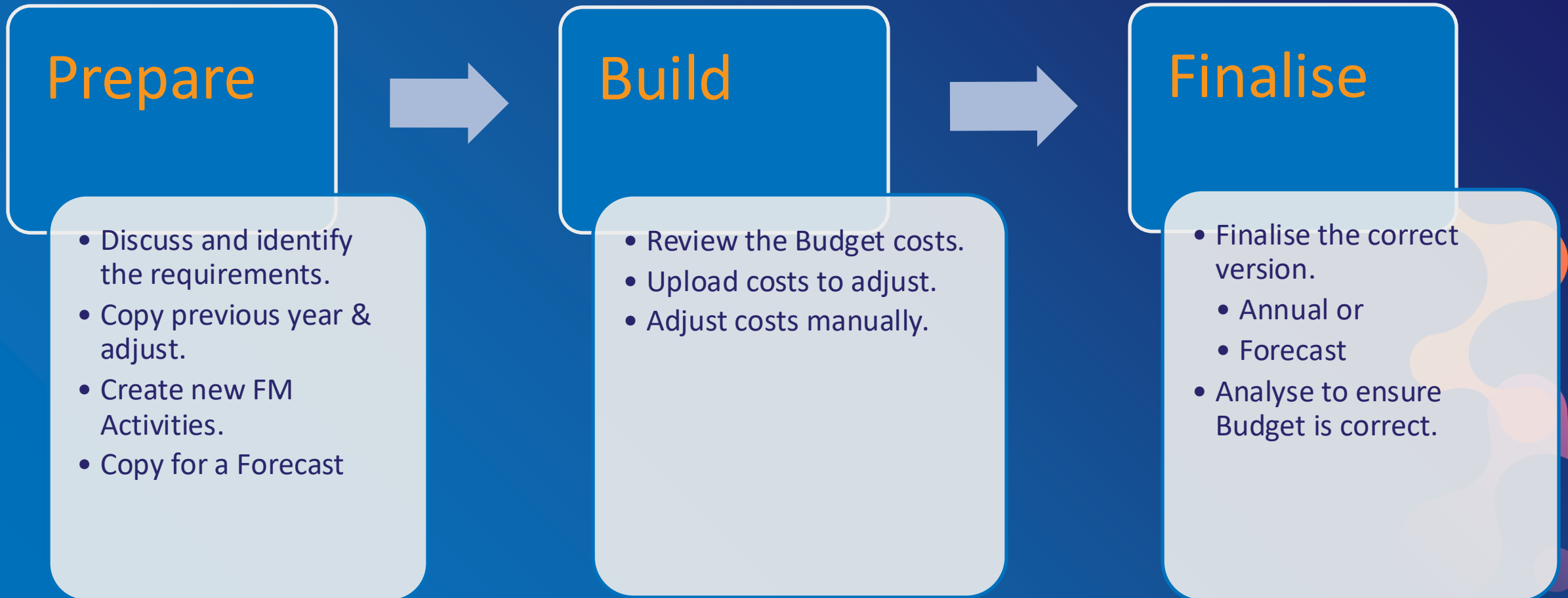
- Foreseen Maintenance Activities are used to Budget foreseen corrective work.
- The Foreseen Budget can be assigned to an Asset or a group of Assets using the Functional Location Hierarchy.
- Foreseen Budgets can be copied from previous years for ease of analysis and setting up a new year Budget.
- Budget cost are separated into Value Categories Labour, Materials, etc.
- Once the Foreseen Budget is finalised it is locked in to either an Annual Version or Forecast Version.
- Corrective Work Orders are assigned automatically to these FM Activities using a batch job.

Foreseen Maintenance
Budget Activity List



Foreseen Maintenance Activities

Simple Process.



Foreseen Maintenance Activities

30000151 - FM ACTIVITY MAINT

FM Activity Number: FM ACTIVITY MAINT (30000151)

FM Activity Description: FM ACTIVITY MAINT

FM Budget Type: 2

Asset Location

Functional Location: * LYME01EAF00

Plant Section: LN1

Location: EA0

Cost Center: C

Maintenance Plant: 2091

Budget Planning

Fiscal Year: 2024

Version: 400 (Draft Annual Budget (400))

Total Amount: 714,744.000

Budget by Value Category

Labour Materials Services Equipment

| Value Category | Cost Element | Total Amount |
|------------------------|--------------|--------------|
| 001 INTERNAL LABOUR | 94 | \$180000.000 |
| 006 EXTERNAL LABOUR | 94 | \$12000.000 |

Functional Location
assigned

Monthly Costs
added

Total Budget
amount

Total Budget by
Value Category

Monthly Cost

Month [Copy Cost Down](#) [Clear All](#)

July: 7800

August: 7800

September: 7800

October: 7800

November: 7800

December: 7800

January: 7800

February: 7800

March: 7800

April: 7800

May: 7800

June: 7800

OK Cancel

Foreseen Maintenance Activities

How are the Corrective Work Orders assigned?

- Work Orders are assigned automatically or manually based on their Functional Location and Maintenance Plant to these rules.
 - Corrective Work Order Types that are the prominent WO Type for budgeting.
 - Work Orders are open.
 - Work Order has a Cost Center as a Settlement Rule.
- This assignment is to align Budget value with WO values so comparisons can be made that highlight high spend Corrective WOs vs Budget.



Foreseen Maintenance Activities

How are the Corrective Work Orders assigned?

- Manual assignment and removal is managed by the Maintenance Analyst using the 'Work Order Cost Analysis' app

Work Order Cost Analysis (105)

| Maintenance Order | Total Actual Cost (AUD) | Value category | FM Activity | Assign FM Activity |
|-------------------|-------------------------|----------------------------|---------------------------------------|--------------------|
| (410058994) | 0.000 | 001 -Internal Labour (001) | GENERAL CORRECTIVE REPAIRS (30000191) | Assign FM Activity |
| (4100710...) | 0.080 | 001 -Internal Labour (001) | GENERAL CORRECTIVE REPAIRS (30000191) | Assign FM Activity |
| (410095664) | 302.820 | 001 -Internal Labour (001) | GENERAL CORRECTIVE REPAIRS (30000191) | Assign FM Activity |
| (410095664) | 0.000 | 001 -Internal Labour (001) | GENERAL CORRECTIVE REPAIRS (30000191) | Assign FM Activity |

Assign FM Activity is selected next to the Work Order

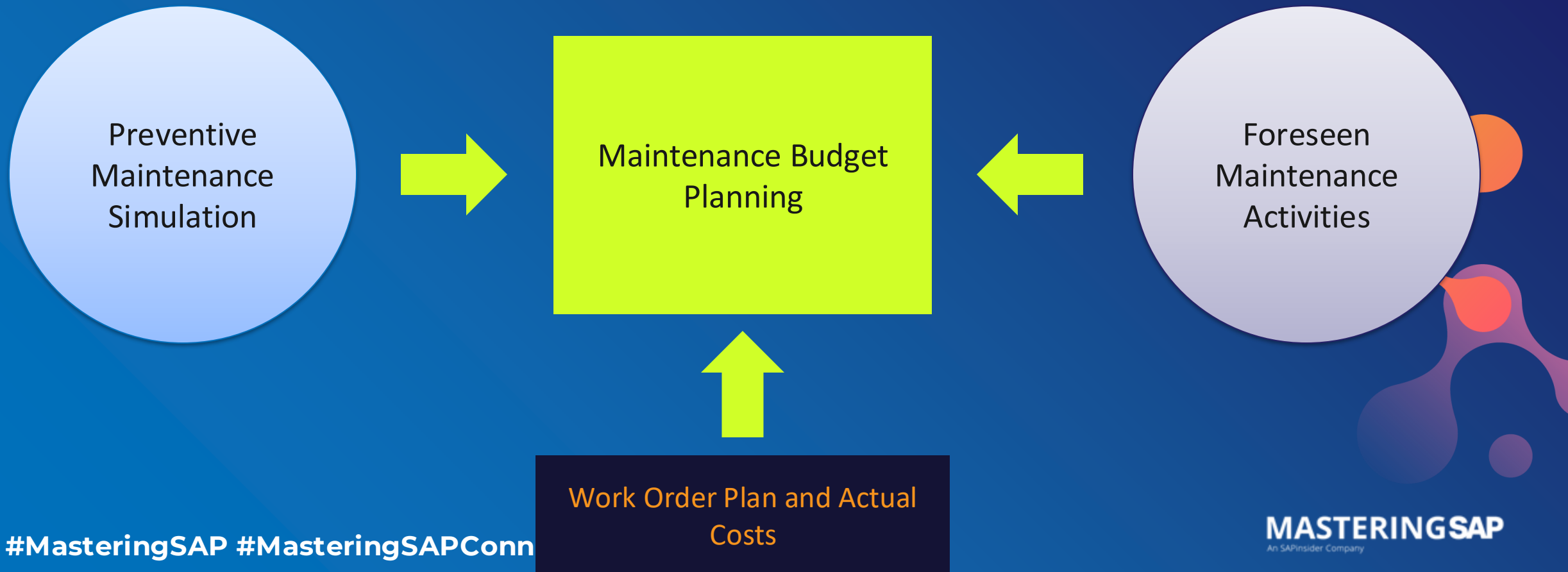
| Functional Location | FM Activity | FM Activity Description | Current FM Activity |
|---------------------------|-------------|--|--------------------------------------|
| LYAU01 | 30000080 | TESTING UPPER LEVEL FJ WO ASSIGNMENT | No <input type="radio"/> |
| LYAU01L | 30000081 | TESTING 2ND LEVEL FL FOR WO ASSIGNMENT | No <input type="radio"/> |
| LYAU01LAC01B | 30000050 | TESTING LOWER LEVEL WO ASSIGNMENT | No <input type="radio"/> |
| LYAU01LAC01B | 30000090 | TESTING LOW LEVEL WO FM DUPLICATE 1 | No <input type="radio"/> |
| LYAU01LAC01B | 30000091 | TESTING LOW LEVEL WO FM DUPLICATE 2 | No <input type="radio"/> |
| LYAU01LAC01GP001-M001-ALT | 30000082 | TESINING LOWEST LEVEL FL WO ASSIGNMENT | Yes <input checked="" type="radio"/> |

Select Delete Assignment Cancel

Maintenance Budget Planning

What is Maintenance Budget Planning?

Maintenance Budget Planning is about bringing all the locked in versions together so the entire budget can be reviewed and adjusted as required including Work Order Costs.



Maintenance Budget Planning

Step 3 in building a Zero-Based Budget.

- Maintenance Budget Planning brings together the Preventive Maintenance (PM) Simulation and the Foreseen Maintenance(FM) Activities into one list.
- Budget costs are displayed by month and by Value Category.
- Work Order costing for the Fiscal year is also displayed when related to a Budget item PM or FM.
- Unbudgeted Work Orders that are not assigned to a PM or FM Budget item are listed for review.
- This app can also be used as a Budget analysis tool throughout the year
- Annual and Forecast Budget can be locked in as well as viewed.

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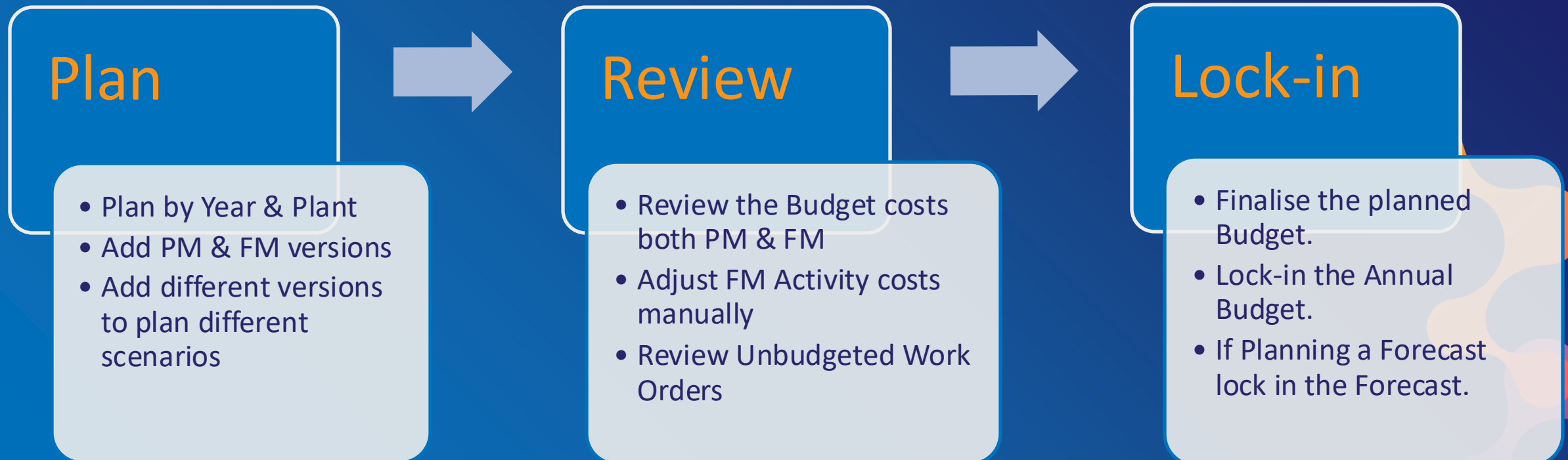
Maintenance Bud-
get
Planning



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Maintenance Budget Planning

Simple Process.



Maintenance Budget Planning

Step 3 in building a Zero-Based Budget.

Maintenance Budget Planning is filtered by 4 key fields to build the Budget

- **Maintenance Plant** being Budgeted
- **Fiscal Year** being Budgeted
- **Preventive Maintenance** version (created in the previous steps)
- **Foreseen Maintenance** version (created in the previous steps)

Manage Maintenance Budget Plan GGQ/100

Budget

Go Hide Filter Bar

Maintenance Plant: * 2092 Fiscal Year: * 2024 FM Version: * 400 (Draft Annual Bu... PM Version: * 400 (Draft Annual Bu... Plant Section: Location: Cost Center: Maintenance Planning Plant:

Value Category: Budget Category: Budget Variance %:

Maintenance Budget Planning

Step 3 in building a Zero-Based Budget.

Understanding the key components is crucial to Planning a Budget.

- Budget Item numbers are
 - Preventive Maintenance (PM) = Maintenance Item number
 - Foreseen Maintenance (FM) = Foreseen Maintenance number
 - Un-Budgeted Maintenance (UB) = Random 999999999999
- Each Budget Item is separated into the Value Categories
 - Internal Labour
 - External Labour
 - Stock Materials
 - Non-stock Materials
 - Services
 - Equipment



Maintenance Budget Planning


Step 3 in building a Zero-Based Budget.

Understanding the key components is crucial to Planning a Budget.


















- Work Order Costs are added
 - **Total Planned** = The planned cost on the WO in the Fiscal Year
 - **YTD Actuals** = Actual WO cost posted in the Fiscal Year
 - **Rem Plan** = WO Planned cost – WO actual cost over the life of the WO.
- There are several Version columns
 - **Version Budget** = value based on the version selected
 - **Annual Budget** = locked in snapshot of the Version Budget once agreed.
 - **Forecast** = Quarter 1 Forecast to the end of the year.
- Budget is separated into Fiscal Year Months which can be exported to Excel.



Maintenance Budget Planning

Budget variance in cost and percentage have been added for analysis

Budget Plan (3,273) | My List* 

Work Order Plan Costs Work Order Actual Costs Variance analysis Budget Lock functionality

| <input type="checkbox"/> | Budget Item | Budget Categ... | Total Plan | Rem Plan | YTD Actual | Annual Budget | Version Budget | Annual Budget Variance | Budget Variance | Budget Variance %  | Value Category |
|--------------------------|--|------------------|------------|-----------|------------|---------------|----------------|------------------------|-----------------|---|-----------------------------------|
| <input type="checkbox"/> | 8023361 ( MAINT) | PM (Preventiv... | 17,498.02 | 396.24 | 17,101.78 | 460.64 | 460.64 | 3,713.000 | % | -16,641.14 | 3,713.000 % 002 (Stock Materials) |
| <input type="checkbox"/> | 8021025 ( OIL TEST) | PM (Preventiv... | 3,688.60 | 77.35 | 3,611.25 | 154.72 | 154.72 | 2,334.000 | % | -3,456.53 | 2,334.000 % 002 (Stock Materials) |
| <input type="checkbox"/> | 8025245 ( INSP) | PM (Preventiv... | 360.50 | -2,235.10 | 2,595.60 | 360.50 | 360.50 | 720.000 | % | -2,235.10 | 720.000 % 001 (Internal Labour) |
| <input type="checkbox"/> | 8055822 ( INSP) | PM (Preventiv... | 1,005.70 | -3,751.60 | 4,757.30 | 1,005.70 | 1,005.70 | 473.000 | % | -3,751.60 | 473.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8022902 ( INSP) | PM (Preventiv... | 1,005.70 | -2,847.60 | 3,853.30 | 1,005.70 | 1,005.70 | 383.000 | % | -2,847.60 | 383.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8027231 ( INSP) | PM (Preventiv... | 1,005.70 | -1,762.80 | 2,768.50 | 1,005.70 | 1,005.70 | 275.000 | % | -1,762.80 | 275.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8031588 ( CONV ELEC M... | PM (Preventiv... | 1,315.04 | -1,269.92 | 2,584.96 | 1,237.60 | 1,237.60 | 209.000 | % | -1,347.36 | 209.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8037180 ( MECH MAINT) | PM (Preventiv... | 734.50 | -170.63 | 905.13 | 452.00 | 452.00 | 200.000 | % | -453.13 | 200.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8042320 ( TEST) | PM (Preventiv... | 0.00 | -595.60 | 595.60 | 309.40 | 309.40 | 193.000 | % | -286.20 | 193.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8027698 ( MECH ... | PM (Preventiv... | 1,954.90 | -1,491.60 | 3,446.50 | 2,011.40 | 2,011.40 | 171.000 | % | -1,435.10 | 171.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8028632 ( INSP) | PM (Preventiv... | 5,878.98 | -3,863.60 | 9,742.58 | 5,878.60 | 5,878.60 | 166.000 | % | -3,863.98 | 166.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8026240 ( MECH I... | PM (Preventiv... | 282.50 | 0.00 | 282.50 | 180.80 | 180.80 | 156.000 | % | -101.70 | 156.000 % 006 (External Labour) |
| <input type="checkbox"/> | 30000052 ( REPAIRS) | FM (Foreseen ... | 25,754.05 | 1,425.52 | 24,328.53 | 17,143.64 | 17,143.64 | 142.000 | % | -7,184.89 | 142.000 % 001 (Internal Labour) |
| <input type="checkbox"/> | 8024217 ( MECH INSP) | PM (Preventiv... | 1,412.50 | -452.00 | 1,864.50 | 1,423.80 | 1,423.80 | 131.000 | % | -440.70 | 131.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8031363 ( TEST) | PM (Preventiv... | 904.00 | -287.20 | 1,191.20 | 928.20 | 928.20 | 128.000 | % | -263.00 | 128.000 % 006 (External Labour) |
| <input type="checkbox"/> | 8057489 ( M... | PM (Preventiv... | 3,071.40 | 91.20 | 2,980.20 | 2,456.00 | 2,456.00 | 121.000 | % | -524.20 | 121.000 % 006 (External Labour) |

Annual Lock Forecast Lock Version Copy Detail  

Maintenance Budget Planning

Maintenance Budget Planning Detail page provides an overview of the Budget Item by Value Category.

- Work Orders can be opened directly and actioned if required.

8054024 - RUN UP

PM Preventive Maintenance
Budget Item: 8054024 - RUN UP
Version: 400
Value Category: 001 - Internal Labour

Annual Budget Variance: 83.00%

Budget

| Annual | Version | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |
|-----------|-----------|-----------|------|------|------|------|------|------|------|------|------|------|------|
| 15,868.80 | 15,868.80 | 15,868.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Work Orders Assigned

September ▾

Work Orders listed

| <input type="checkbox"/> Work Order | Total Plan | YTD Actual | Rem Plan | Order Status | Jul Actual | Aug Actual | Sep Plan | Sep Actual | Oct Plan | Nov Plan | Dec Plan | Jan Plan | Feb Plan |
|--|------------|------------|-----------|--------------|------------|------------|----------|------------|----------|----------|----------|----------|----------|
| <input type="checkbox"/> 420333023 () | 15,873.12 | 13,204.40 | 2,668.72 | Completed | 13,204.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <input type="checkbox"/> 420337501 () | 15,873.12 | 0.00 | 15,873.12 | Created | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <input type="checkbox"/> 420314343 () | 0.00 | 0.00 | 8,051.04 | Closed | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <input type="checkbox"/> 420330989 () | 0.00 | 0.00 | 5,481.88 | Closed | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Maintenance Budget Planning

Step 3 in building a Zero-Based Budget.

Unbudgeted Work Orders are shown in the list with no Budget Item assigned.

These Work Orders are

- Corrective Work Orders not assigned to an FM Activity
- Backlog Preventive Maintenance Work Orders that have been reschedule to the Budget Fiscal year where their Maintenance Item is not include in the Budget Fiscal Year.
- A decision is required to whether this work will be done in this Budget Year.

| Budget Plan (3) My List* ▾ | | | | | | | | | |
|------------------------------|--------------|-----------------|-----------------------|------------|------------|-------------|---------------|----------------|---|
| <input type="checkbox"/> | Budget Item | Budget Categ... | Value Category | Total Plan | YTD Actual | Rem Plan | Annual Budget | Version Budget | A |
| <input type="checkbox"/> | 999999999... | UB (Unbudget... | 001 (Internal Labour) | 92,384.69 | 65,768.68 | 26,616.01 | 0.00 | 0.00 | |
| <input type="checkbox"/> | 999999999... | UB (Unbudget... | 002 (Stock Materials) | 13,859.14 | 87,975.86 | -954,367.33 | 0.00 | 0.00 | |
| <input type="checkbox"/> | 999999999... | UB (Unbudget... | 006 (External Labour) | 41,454.49 | 3,320.20 | 36,661.85 | 0.00 | 0.00 | |
| | | | | 147,698.32 | 157,064.74 | -891,089.47 | 0.00 | 0.00 | |
| | | | | | | | | | |

Maintenance Budget Planning

Step 3 in building a Zero-Based Budget.

Annual Budget is locked in once it has been agreed to before the Fiscal year starts.

- The purpose is to create a Baseline Budget that is agreed at the start of the year.
- Different versions can now be created to run different scenarios if required.
- If a mistake is made a new Annual Budget can be locked in which will overwrite the previous.

Forecast Budgets can be locked in throughout the year.

- The purpose is to review the Baseline Budget and forecast the expenditure for the rest of the year.
- The Forecast version allows a better understanding of future expenditure.

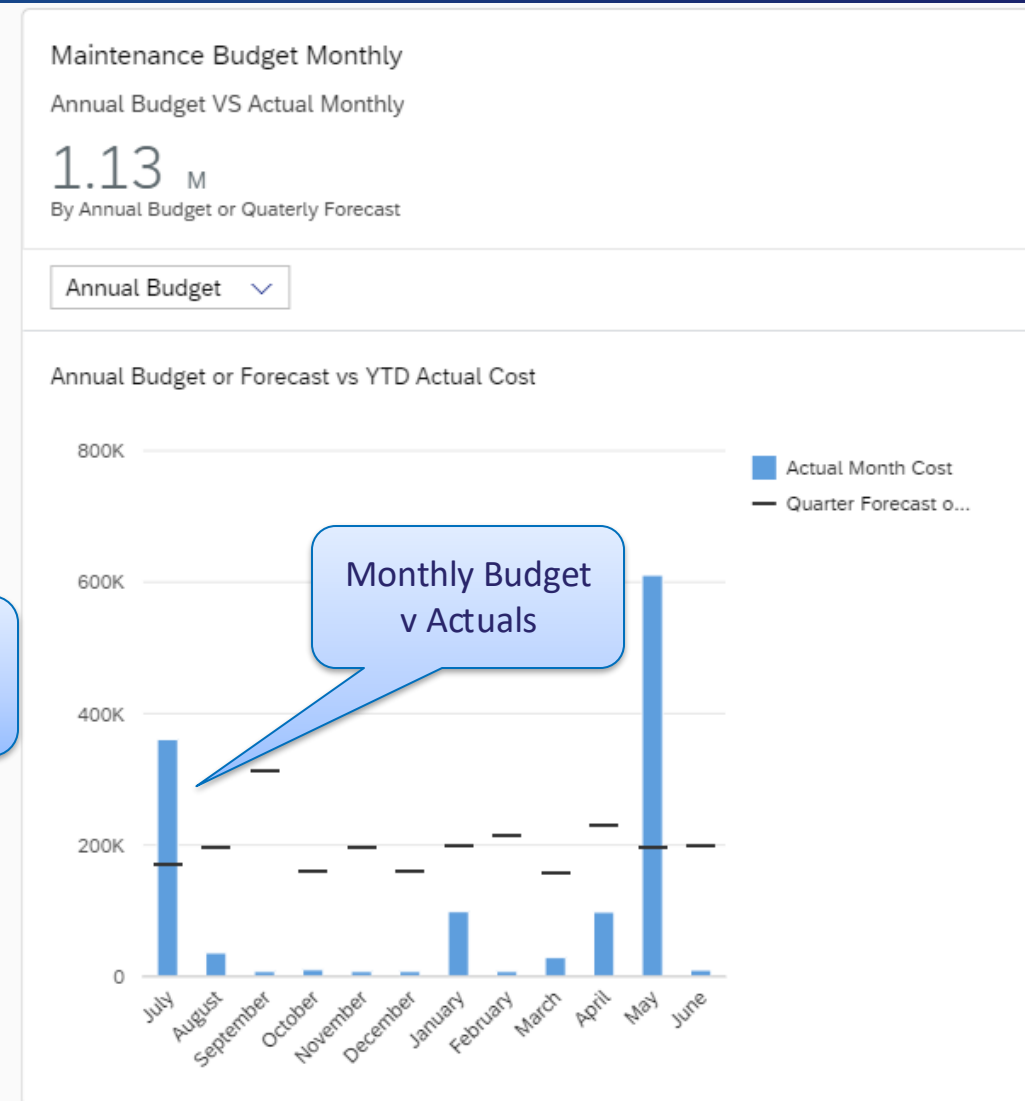
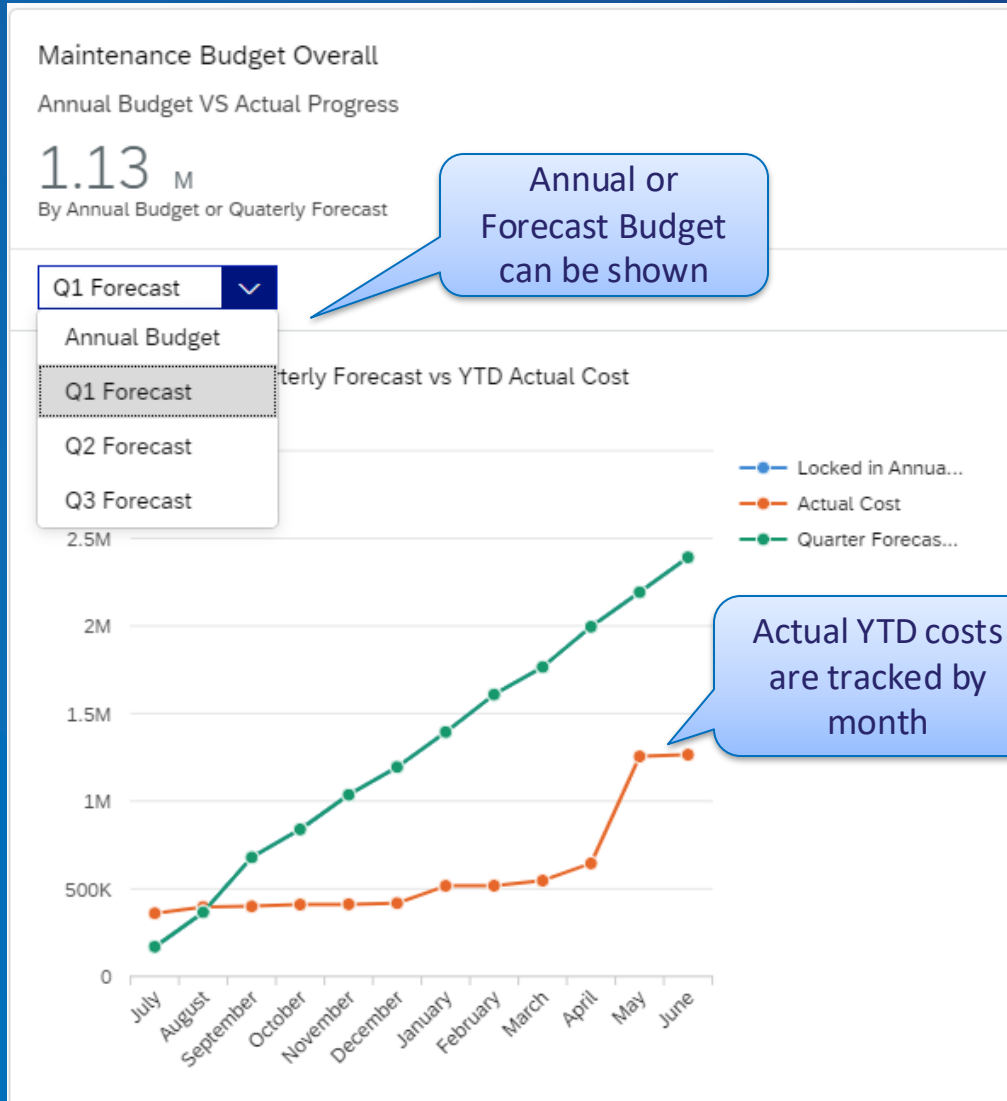
Maintenance Budget Dashboard

Step 4 in building a Zero-Based Budget.

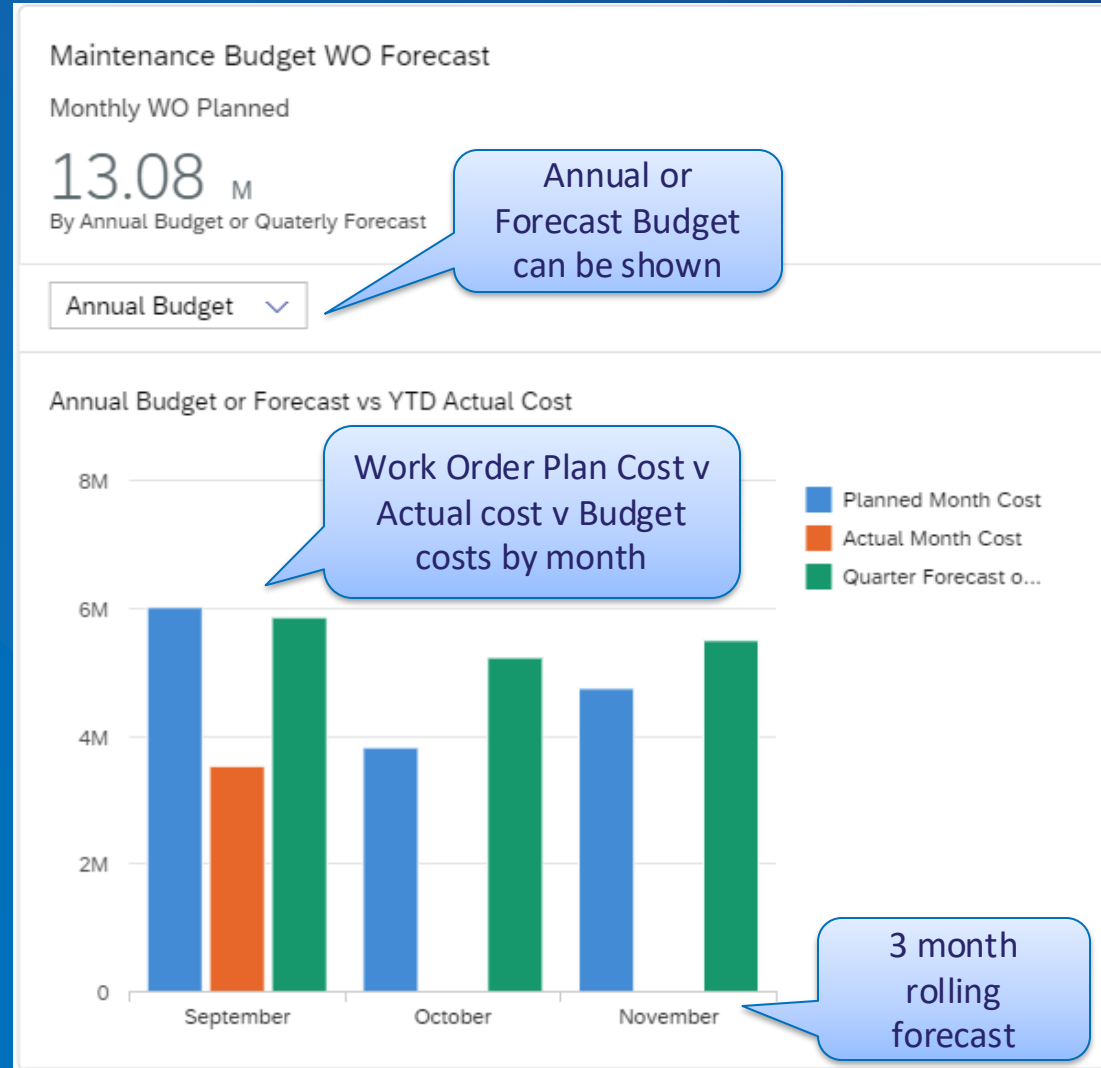
- Maintenance Budget Dashboard is used to monitor the Budget usage in real-time.
- The Dashboard can be filtered to understand where the Budget is being consumed.
- There are 4 cards on the Dashboard
 - Maintenance Budget Overall
 - Maintenance Budget Monthly
 - Maintenance Budget Work Order forecast
 - Unbudgeted Work Orders
- Information can be reviewed via a list report selected from the cards



Maintenance Budget Planning



Maintenance Budget Planning



Unbudgeted Work Orders

No Budget Item Assigned

Unbudgeted costs

7 of 39

| | |
|---|----------|
| TESTING BUDGET APP UNBUDGETED WORK 43001261 | 150K AUD |
| TESTING HYDROGEN 2.1.5 NOTI CREATE GJ 41004420 | 3K AUD |
| PM03 WO for Hydrogen Testing 23.04.24 1 43001160 | 1K AUD |
| PM03 WO for Hydrogen Testing 23.04.24 2 43001161 | 1K AUD |
| PM03 WO for Hydrogen Testing 23.04.24 5 43001164 | 1K AUD |
| PM03 WO for Hydrogen Testing 23.04.24 6 43001165 | 1K AUD |
| PM03 WO for Hydrogen Testing 23.04.24 8 43001167 | 944 AUD |

So, that was look at Zero-Based Budgeting using Fiori.



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