

# Maintain cycles

## Maintain cycles



The responsibility area is assigned to

Service center RtR

For questions related to Maintain cycles you can contact :

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### Responsibility Area & Process

## Assessment cycles

**i** An **assessment cycle** is used in SAP to assign all primary cost elements and secondary cost elements from a sending cost center to the receiver cost center. When you want to transfer costs from one cost center to another through an assessment cycle, sap use a **secondary cost element** and accumulates all the primary cost and secondary cost and send it to the receiving cost center.

### Definition

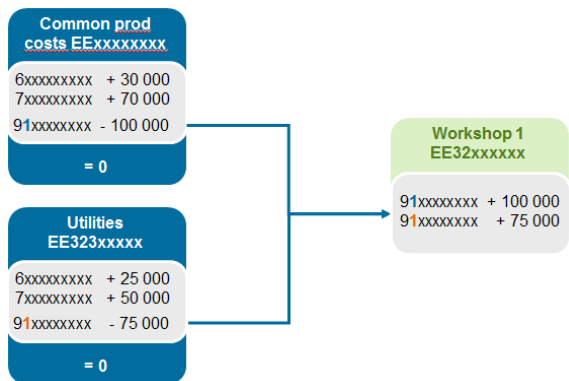
An **assessment cycle** is used in SAP to assign all primary cost elements and secondary cost elements from a sending cost center to the receiver cost center. When you want to transfer costs from one cost center to another through an assessment cycle, sap use a **secondary cost element** and accumulates all the primary cost and secondary cost and send it to the receiving cost center.

#### PF1

In **PF1**, assessment cycles are used to:

- Allocate common production & utilities cost centers to Workshops cost centers (EE32xxxxxx or EE193xxxxxx)

The codification of the **secondary cost element** to be used is: 91xxxxx  
xxxxxx

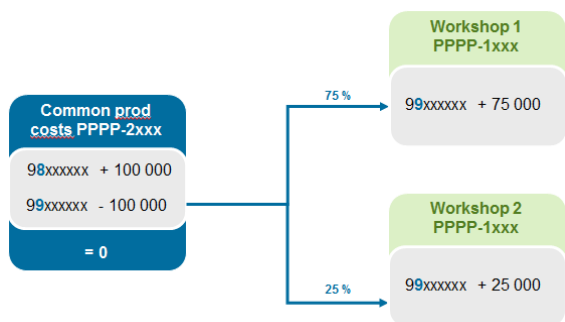


#### WP1

In **WP1**, assessment cycles are used to:

- Allocate common production cost centers (PPPP-2xxx) to Workshops cost centers (PPPP-1xxx)

The codification of the **secondary cost element** to be used is: 99xxxxx  
xxxx



### Maintenance of cycles in SAP

## SAP transactions

- [KSU1 - Create Actual Assessment Cycle](#)
- [KSU2 - Change Actual Assessment Cycle](#)
- [KSU3 - Display Actual Assessment Cycle](#)

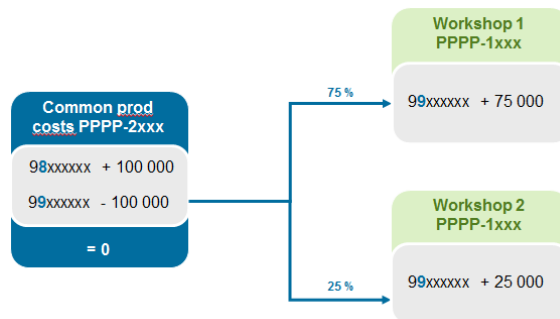
## Example

- [Cycles PF1 - Example](#)

## List of cycles

| PF1                                                                                                                                                                                                               | WP1                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• <a href="#">IAS19 PF1 - cycle CCCCCV</a></li><li>• <a href="#">Restructuring PF1 - cycle CCCCCR2</a></li><li>• <a href="#">Restructuring PF1 - cycle CCCCRT</a></li></ul> | <ul style="list-style-type: none"><li>• <a href="#">IAS19 WP1 - cycle CCCC19</a></li><li>• <a href="#">Restructuring WP1 - cycle CCCCCR2</a></li><li>• <a href="#">Restructuring WP1 - cycle CCCCRT</a></li><li>• <a href="#">Cycles - codification WP1</a></li><li>• <a href="#">Cycle insurance WP1</a></li></ul> |

In **WP1**, assessment cycles are used to allocate common production cost centers ( PPPP-2xxx ) to Workshops cost centers ( PPPP-1xxx )



## COPA Assessment cycle

**i** COPA Assessment cycle assesses costs from a Cost Center to COPA Value Fields.

In **PF2**, the P&L is built in COPA, cost centers are assessed to a value field in COPA with a secondary cost element 98xxxxxxx

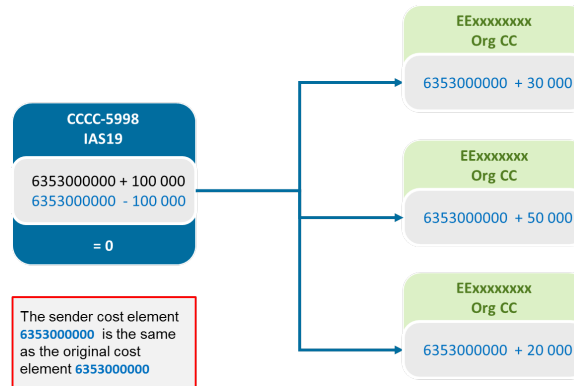
In **WP2**, the P&L is built in COPA, cost centers are assessed to a value field in COPA with a secondary cost element 994299xx

## Distribution cycle



A **distribution cycle** is used in SAP to transfer primary costs from a sender cost center to receiving controlling objects. The original cost element remains the same.

In **PF1**, distribution cycles are used for IAS 19



When you create a cycle to distribute corporate IAS19 costs in PF1, you must follow the following steps:

#### STEP 1

#### Create a distribution cycle with K SV1 - Create Actual Distribution Cycle

1. Cycle = CCCC DV
2. Start Date = 01.01.20YY to 31.12.20YY
3. Text = Distribution (IAS19)

The screenshot shows the SAP distribution cycle creation screen. The Controlling Area is **CHEF** and the ERP is **SOLVAY**. The Cycle is **0001DV** (marked with a circled 1). The Start Date is **01.01.2024** and the End Date is **31.12.2024** (marked with a circled 2). The Status is **Saved**. The Text is **Distribution (IAS19/Insurance)** (marked with a circled 3). The Indicators section has **Iterative** checked, **Cumulative** unchecked, and **Cumulated Opt** unchecked. The Field Groups section has **Consumption** unchecked, **Object Currency** checked, and **Transaction Curren** unchecked.

#### STEP 2

#### Only one segment needs to be created

1. Segment name = **EE800IAS19**
2. Segment description = **IAS 19 BFC Dotation**
3. Sender values =
  - Sender rule: Posted amounts
  - Share in %: 100
  - Act. vals
4. Receiver tracing factor
  - Receiver rule: Variable portions
  - Var.portion type: Actual costs
  - Scale Neg. Tracing Factors: No scaling
5. Sender cost center = **EE 800IAS19**
6. Sender cost elements group = **ZS O-P20010**
7. Receiver cost centers group = **E\_CCCC** (= all cost centers of the company)

The screenshot shows the SAP segment configuration screen. The Controlling Area is **CHEF** and the ERP is **SOLVAY**. The Cycle is **0001DV**. The Segment Name is **SM800IAS19** (marked with a circled 1). The Segment Description is **IAS19 BFC Dotation** (marked with a circled 2). The Segment Header tab is selected. The Sender values section has **Sender rule** set to **Posted amounts** (marked with a circled 3), **Share in %** set to **100,00 %**, and **Act. vals** selected. The Receiver tracing factor section has **Receiver rule** set to **Variable portions**, **Var.portion type** set to **Actual costs** (marked with a circled 4), and **Scale Neg. Tracing Factors** set to **No scaling**.

|                  |            |                                                            |
|------------------|------------|------------------------------------------------------------|
| Controlling Area | CHEF       | ERP SOLVAY                                                 |
| Cycle            | 0001DV     | Distribution (IAS19/Insurance)                             |
| Segment Name     | SM800IAS19 | IAS19 BFC Dotation <input type="checkbox"/> Lock indicator |

|                |                          |               |                             |
|----------------|--------------------------|---------------|-----------------------------|
| Segment Header | <b>Senders/Receivers</b> | Sender Values | Receiver Tracing Fac... > v |
|----------------|--------------------------|---------------|-----------------------------|

|                 | From         | To | Group        |
|-----------------|--------------|----|--------------|
| <b>Sender</b>   |              |    |              |
| Cost Center     | SM800IAS19 ⑤ |    |              |
| Cost Element    |              |    | Z50-P20010 ⑥ |
| Cost Object     |              |    |              |
| <b>Receiver</b> |              |    |              |
| Order           |              |    |              |
| Cost Center     |              |    | E_0001 ⑦     |
| Cost Object     |              |    |              |
| WBS element     |              |    |              |
| Business entity |              |    |              |
| Property        |              |    |              |
| Building        |              |    |              |
| Settlement unit |              |    |              |

8. Cost Element Group = IASSERV

SAVE 

|                  |            |                                                            |
|------------------|------------|------------------------------------------------------------|
| Controlling Area | CHEF       | ERP SOLVAY                                                 |
| Cycle            | 0001DV     | Distribution (IAS19/Insurance)                             |
| Segment Name     | SM800IAS19 | IAS19 BFC Dotation <input type="checkbox"/> Lock indicator |

|                 |                                |                                |
|-----------------|--------------------------------|--------------------------------|
| < Sender Values | <b>Receiver Tracing Factor</b> | Receiver Weighting Factors > v |
|-----------------|--------------------------------|--------------------------------|

|                            |                |
|----------------------------|----------------|
| <b>Tracing Factor</b>      |                |
| Var. portion type          | Actual costs v |
| Scale Neg. Tracing Factors | No scaling v   |

|                           |               |
|---------------------------|---------------|
| <b>Selection Criteria</b> |               |
|                           |               |
| Cost Element              | From to Group |
|                           |               |
|                           | IASSERV ⑧     |

Distribution cycles are used for:

When you create a cycle to distribute corporate insurance costs in WP1, you must follow the following rules

#### STEP 1

#### Create a distribution cycle with KSV1

1. Cycle = CCCCIN
2. Start Date = 01.01.20YY to 31.12.20YY
3. Text = Corporate Insurance Cycle
4. Uncheck "Iterative"

|                                                      |                                                     |       |              |
|------------------------------------------------------|-----------------------------------------------------|-------|--------------|
| <b>Create Actual Distribution Cycle: Header Data</b> |                                                     |       |              |
| Attach segment                                       |                                                     |       |              |
| Controlling Area                                     | 2006 Rhoda Europe                                   | Cycle | ZFR3IN ①     |
| Start Date                                           | 01.01.2016                                          | To    | 31.12.2016 ② |
| Text                                                 | Corporate Insurance Cycle ③                         |       |              |
| Indicators                                           | Field Groups                                        |       |              |
| <input type="checkbox"/> Iterative ④                 | <input type="checkbox"/> Consumption                |       |              |
| <input type="checkbox"/> Cumulative                  | <input checked="" type="checkbox"/> Object Currency |       |              |
|                                                      | <input type="checkbox"/> Transaction Curren         |       |              |

#### STEP 2

Create 8 segments detailed below

| Name     | Text                           | Sort Field | S Sender Rule    | R Rec Rule       | S |
|----------|--------------------------------|------------|------------------|------------------|---|
| 98300259 | D&O/EPL Liability              |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300252 | Property                       |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300255 | Broker Fees/Comm               |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300256 | Transport                      |            | 1 Posted amou... | 1 Variable port1 | 1 |
| 98300253 | Environmental                  |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300250 | Crime                          |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300260 | Credit                         |            | 1 Posted amou... | 1 Variable po... | 1 |
| 98300251 | Liability (General and Excess) |            | 1 Posted amou... | 1 Variable po... | 1 |

### Detail of each segment

| 1<br>Segment name | 2<br>Segment description       | 3<br>Var.portion type          | 4<br>Cost center | 5<br>Cost element | 6<br>Cost center | 7<br>Stat. key fig. |
|-------------------|--------------------------------|--------------------------------|------------------|-------------------|------------------|---------------------|
| 98300259          | D&O/EPL Liability              | Actual Statistical Key Figures | CCCC-5998        | 98300259          | CCCC             | LIAB                |
| 98300252          | Property                       |                                |                  | 98300252          |                  | PROP                |
| 98300255          | Broker Fees/Comm               |                                |                  | 98300255          |                  | BRKR                |
| 98300256          | Transport                      |                                |                  | 98300256          |                  | TPT                 |
| 98300253          | Environmental                  |                                |                  | 98300253          |                  | ENV                 |
| 98300250          | Crime                          |                                |                  | 98300250          |                  | CRM                 |
| 98300260          | Credit                         |                                |                  | 98300260          |                  | CRT                 |
| 98300251          | Liability (General and Excess) |                                |                  | 98300251          |                  | LIAB                |

Controlling Area: 2006 Rhoda Europe  
Cycle: ZFR319 Corporate Insurance Cycle  
Segment Name: 98300259 D&O/EPL Liability Indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

Sender values  
Sender rule: Posted amounts  
Share in %: 100.00  
Act. vals: ☐ Plan vals: ☐

Receiver tracing factor  
Receiver rule: Variable portions  
Var.portion type: Actual Statistical Key Figures  
Scale Neg. Tracing Factors: No scaling

Controlling Area: 2006 Rhoda Europe  
Cycle: ZFR319 Corporate Insurance Cycle  
Segment Name: 98300259 D&O/EPL Liability Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

From To Group  
Sender: Cost Center: ZFR3-5998  
Cost Element: 98300259  
Receiver: Order:   
Cost Center:   
Cost Object:   
WBS Element:   
6 ZFR3

Controlling Area: 2006 Rhoda Europe  
Cycle: ZFR319 Corporate Insurance Cycle  
Segment Name: 98300259 D&O/EPL Liability Lock indicator

Sender Values Receiver Tracing Factor Receiver Weighting Factors

Tracing Factor  
Var.portion type: Actual Statistical Key Figures  
Scale Neg. Tracing Factors: No scaling

Selection Criteria  
From to Group  
Stat. key fig.: 1138  
Activity Type:   
7

When you create a cycle to distribute corporate IAS19 costs in WP1, you must follow the following steps:

#### STEP 1

### Create a distribution cycle with K SV1 - Create Actual Distribution Cycle

1. Cycle = CCCC19

2. Start Date = 01.01.20YY to 31.12.20YY

3. Text = IAS 19 Service Cost Allocation

< SAP Create Actual Distribution Cycle: Header Data

✓  Attach segment More    Exit

Controlling Area: 2006 Solvay Europe  
Cycle: 1 ZFR319 Status: new  
Start Date: 01.01.2025 To: 31.12.2025 2  
Text: 3 IAS 19 Service Cost Allocation

Indicators  
☒ Iterative  
☐ Cumulative  
☐ Cumulated Opt

Field Groups  
☐ Consumption  
☒ Object Currency  
☐ Transaction Current

## STEP 2

**Only one segment needs to be created**

1. Segment name = CCCC-5998

2. Segment description = IAS 19 Service Cost Alloc

3. Sender values =

- Sender rule: Posted amounts
- Share in %: 100
- Act. vals

4. Receiver tracing factor

- Receiver rule: Variable portions
- Var.portion type: Actual costs
- Scale Neg. Tracing Factors: No scaling

5. Sender cost center = CCCC-5998

6. Sender cost elements group = ZSO-P20010

7. Receiver cost centers group = CCCC (= all cost centers of the company)

SAP Create Actual Distribution Cycle: Segment

Controlling Area: Z006 Solvay Europe  
Cycle: ZFR319 IAS 19 Service Cost Allocation  
Segment Name: ZFR3-5998 IAS19 Servi. Cost Alloc -SWEEP Lock Indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Fac...

Sender values  
Sender rule: Posted amounts  
Share in %: 100.00 %  
Act. vals: ☒ Plan vals: ☐

Receiver tracing factor  
Receiver rule: Variable portions  
Var.portion type: Actual costs  
Scale Neg. Tracing Factors: No scaling

SAP Create Actual Distribution Cycle: Segment

Controlling Area: Z006 Solvay Europe  
Cycle: ZFR319 IAS 19 Service Cost Allocation  
Segment Name: ZFR3-5998 IAS19 Servi. Cost Alloc -SWEEP Lock Indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Fac...

| From                   | To | Group      |
|------------------------|----|------------|
| Sender                 |    |            |
| Cost Center: ZFR3-5998 |    |            |
| Cost Element:          |    | ZSO-P20010 |
| Receiver               |    |            |
| Order:                 |    |            |
| Cost Center:           |    | ZFR3       |
| Cost Object:           |    |            |
| WBS element:           |    |            |
| Business entity:       |    |            |
| Property:              |    |            |
| Building:              |    |            |
| Settlement unit:       |    |            |

SAP Create Actual Distribution Cycle: Segment

Controlling Area: Z006 Solvay Europe  
Cycle: ZFR319 IAS 19 Service Cost Allocation  
Segment Name: ZFR3-5998 IAS19 Servi. Cost Alloc -SWEEP Lock Indicator

Sender Values Receiver Tracing Factor Receiver Weighting Factors

Tracing Factor  
Var.portion type: Actual costs  
Scale Neg. Tracing Factors: No scaling

Selection Criteria  
From: Cost Element: 98320100 to: Group:

## STEP 3

8. Cost Element = 98320100 (=PS SALARIES)

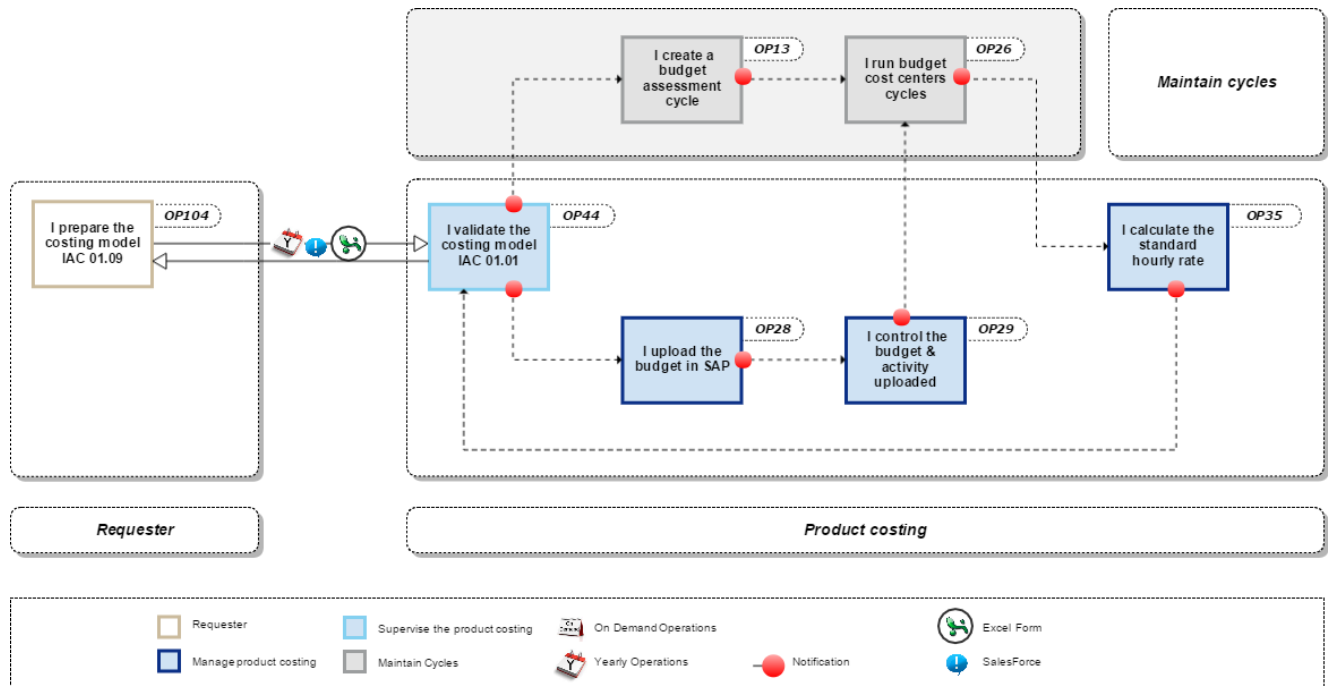
SAVE

# Creation of cycles

## 1. Yearly process

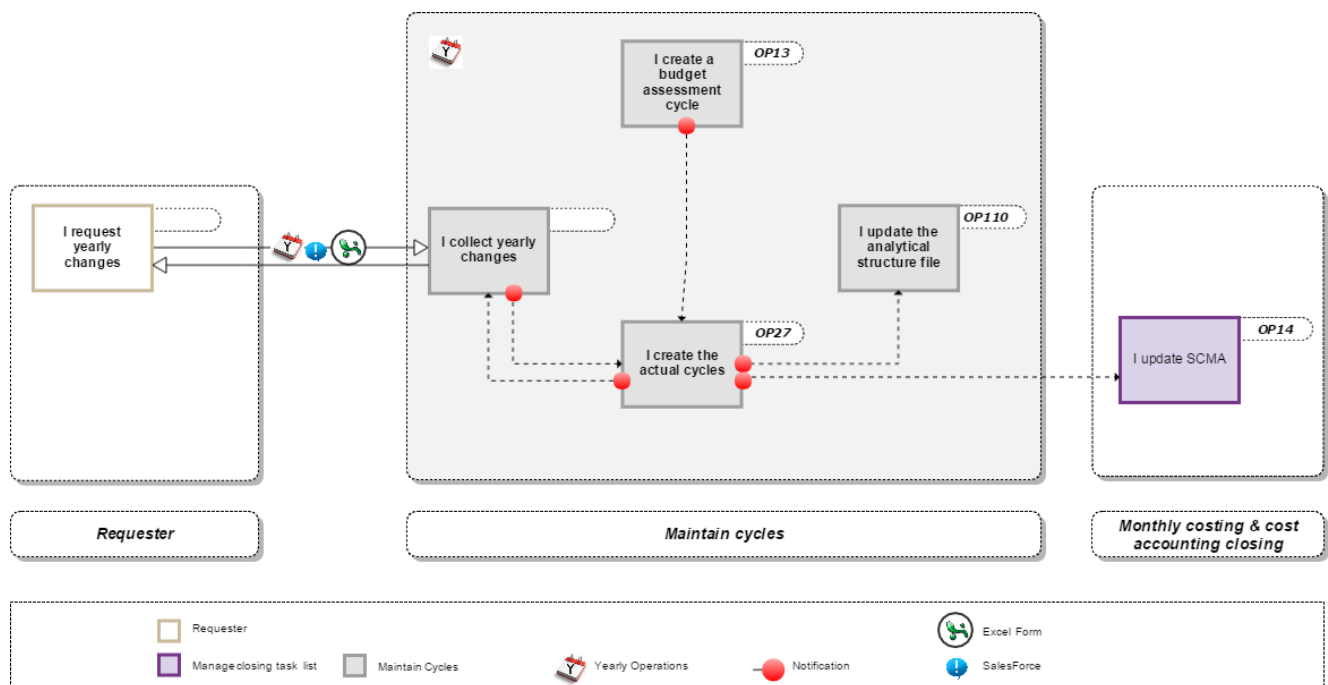
Every year all cycles must be created from 01.01.20xx to 31.12.20xx (xx : current year)

**Budget** - In WP1 the budget cycle must be created by Dec 15th



**Actual** - In PF1 and WP1 actual cycles must be created by the end of January

Usually these cycles can be created by copy of the Y-1 cycle



## 2. Projects

- New entities in SAP
- New requirements

Cycles are created in the frame of the project

## Maintenance of cycles

Case 1 : New cost center

- When a new cost center is created, it has to be included in a cycle

Case 2 : Blocking of cost center

- When a cost center is blocked, it has to be removed from the cycle

Case 3 : New percentages/fixed amount to be allocated

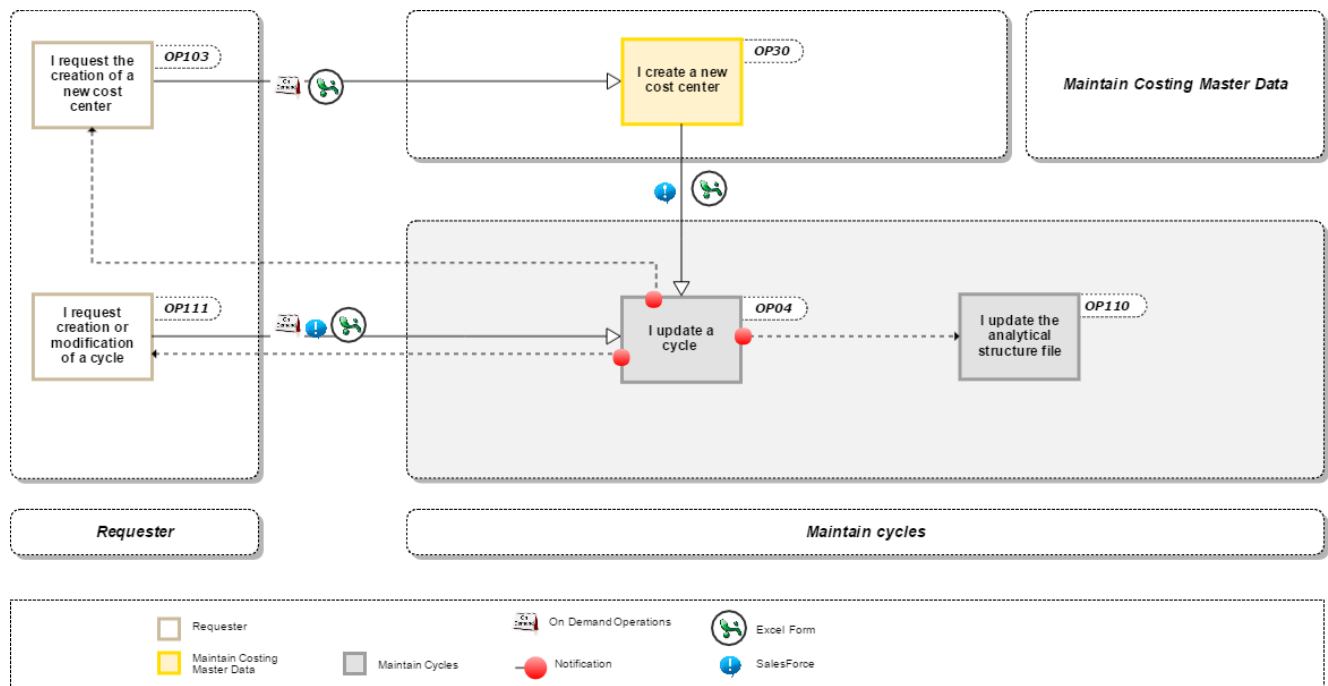
- A controller may request a change in the allocation keys or amounts.

Case 4 : Change receiver CO object

- A controller may request a change in the receiver cost object

Case 5 : New Statistical Key Figure to be used

- A controller may request a change the statistical key figure to be used in a cycle





## Operating procedures

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- I create a budget assessment cycle
- I create a cycle (outside the yearly maintenance process)
- I create a cycle run group
- I create the actual cycle (yearly maintenance process)
- I run budget cost centers cycles
- I update a cycle
- I update a statistical key figures (quantities)

## Local procedures

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### Content by label

There is no content with the specified labels