Co$ta - Release 2

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>> Back to the Co$ta project home page

- Determination Rules for Cost Package
- Package Owner Qlik detail
- Package Owner BW detail
- Determination Rules for Budget Owner Dimensions
- Budget Owner (GBU) Qlik detail
- Budget Owner (GBU) BW detail
- Budget Owner (Function) Qlik detail
- Budget Owner (Function) BW detail

Determination Rules for Cost Package

General Principles for the Database R2

A. Primary Postings in SAP Objects:

- Cost Center (CC)
- PM Orders and Internal Order
- WBS
- Most frequent cases: Reception of Purchase orders or posting of monthly payroll

Exceptions:

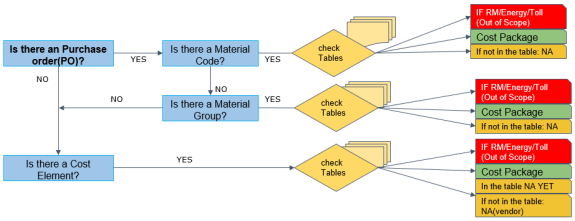
B1. COPA posting for **commissions** (to PL wo Intermediate CC)

B2. Good receipt (stock) **for spare parts** (No PL impact in Origin view)

- **Consumption** of Spare parts in CC/WBS/Order **are filtered out** to avoid double counting

Full Business rules here.

Cost Package Determination (R2)

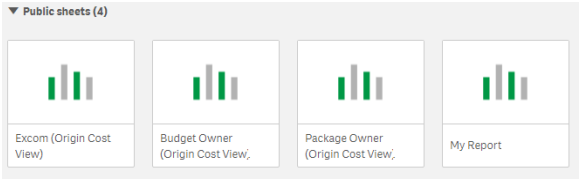


General Table

Exception Table (old codes; etc)

Package Owner Qlik detail

1. **Go to Qlik Sense** here, select Package Owner cost

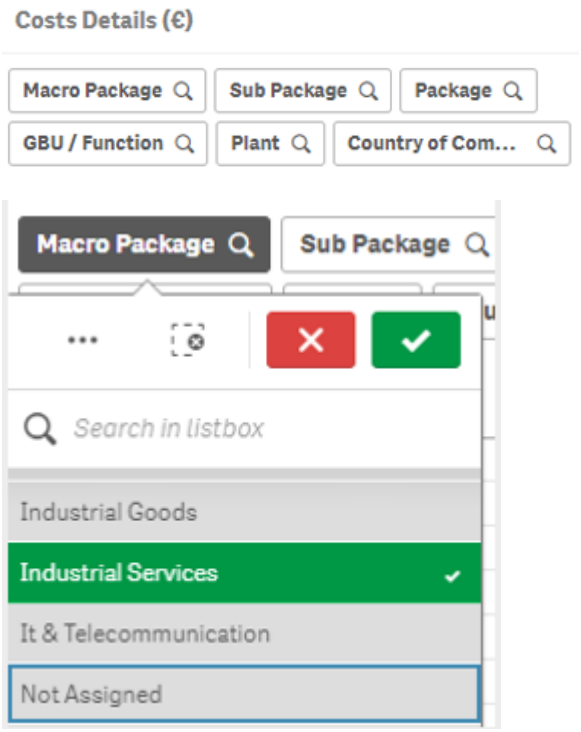


2. **Choose your package:**

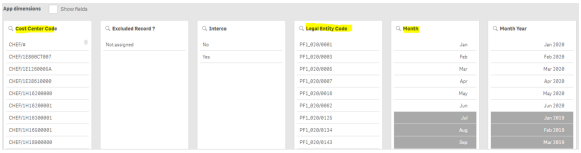
2.1. Directly in *cost details*

- Hit the Macro Package dimension
- Select the package
- Hit the confirm selection button

Cost results for the selected Macro package on the dashboard, graphs and total costs (cost details is set to have this 6 dimensions view)



2.2. Via option *Selections*



Hit

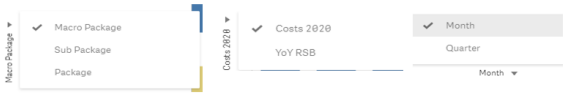
(the button on the top right)

- You can select any dimension, like cost center, month and entity etc.
- If the options are in dark gray, it means there is no data for these options

---

3. **Four standard Graphs are already set up**, three can be customized in terms of figures you want to see.

- Hit the description to change the comparison data



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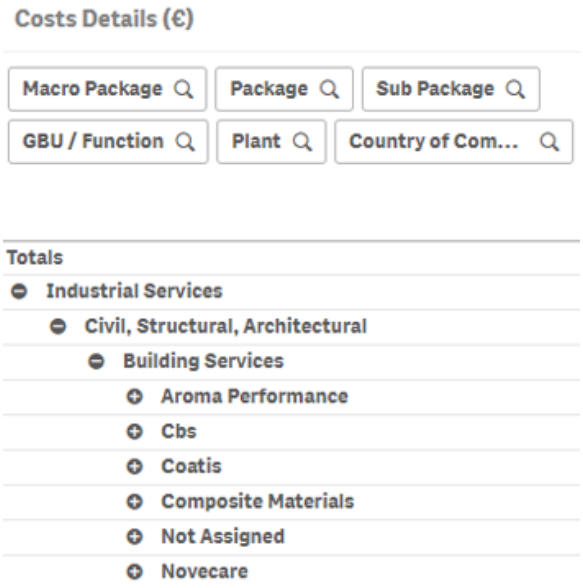
4. **Cost details**

- It works by drag & drop;
- Build your view to analyze the costs;
- Select the order of available dimensions to establish the levels on the dashboard
- Example for Macro Package Industrial Services

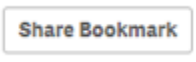


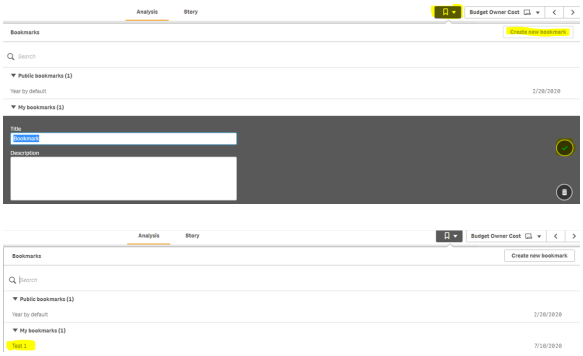
⚠ **REMINDER:** When you set a filter, it is applied to all the dashboard views and related graphs

---

5. You can create a **bookmark** to store the filters, for the moment the layout is not saved, so you have to rebuild Cost details sequence each time

- You can get back to it choosing bookmark and selecting it
- You can also share the bookmark to any other person





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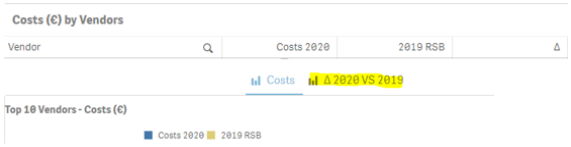
6. At the bottom you can find **Vendor costs** info (2020 / 2019)

- A table with the higher costs vendor to lower costs vendor
- A graph with the same info or by biggest delta Vs 2019



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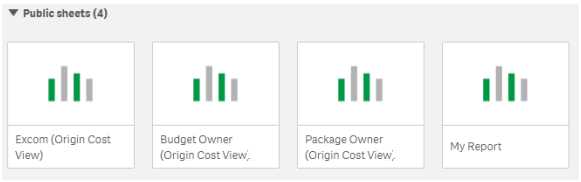
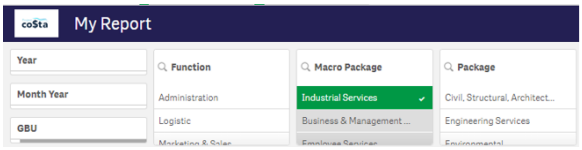
7. **My report view** (in addition to the Package owner)

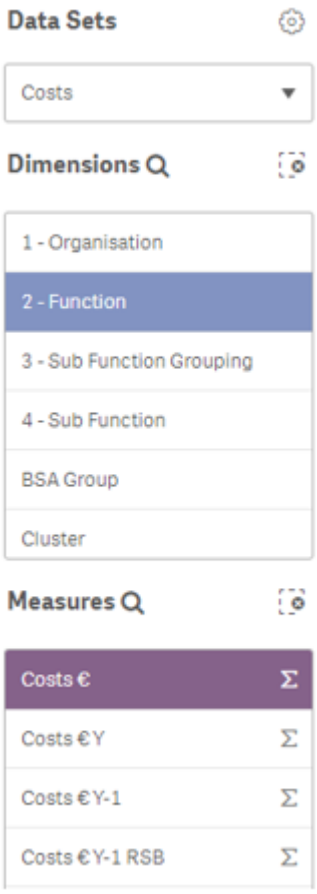
- Go to Qlik Sense here, select My report



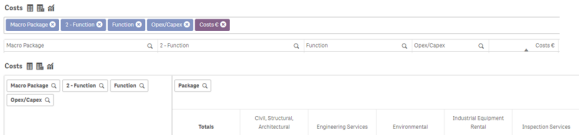
8. You will find **Standard filters and Data sets**

- Click on your selection to select / unselect data sets





9. You can choose to work the data as **T able or Pivot table**



For both:

- Do the selections and the field will move to the dashboard
- You can hit the dimension button and filter what is not available in the standard filters

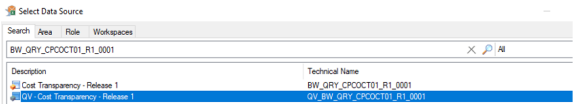
Table: you can change the sequence of the dimension

Pivot table: you can move also from row to column

Other details about the Package Owner Qlik here.

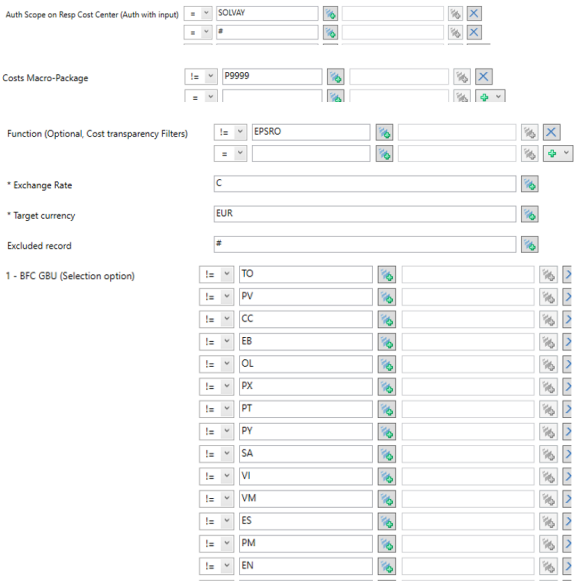
Package Owner BW detail

Directly in BW (WBP) : search for “BW_QRY_CPCOCT01_R1_0001” and choose the highlighted query



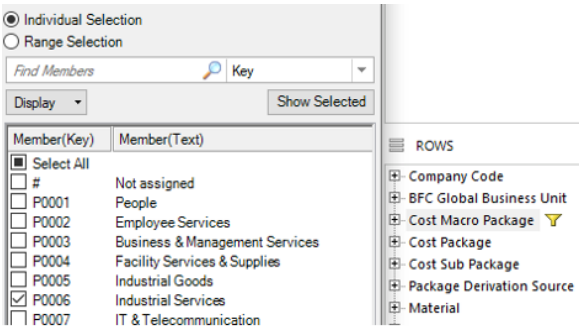
Template already filtered to match Qlik Sense dashboard by Macro Package here.

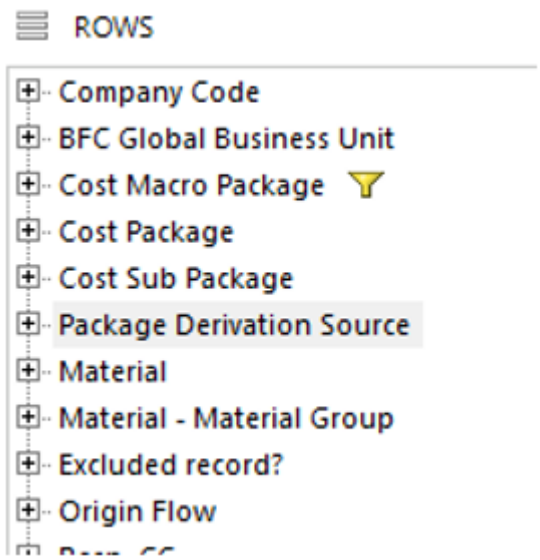
Than you have to do this selections in the prompt alongside the periods you are looking in Qlik Sense



For Cost Macro Package

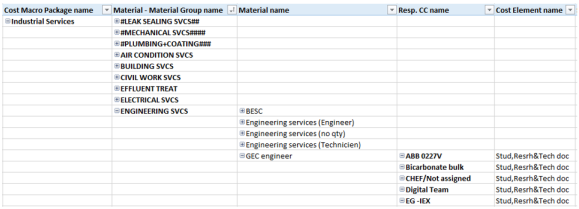
- Select only the Package under analysis (right click on the dimension)
- Filter by member-make your selection





When finished:

- Use the filters or copy paste to another sheet completing the header of the columns without info
- Create a new sheet and insert a pivot table



The total amount should match the dashboard

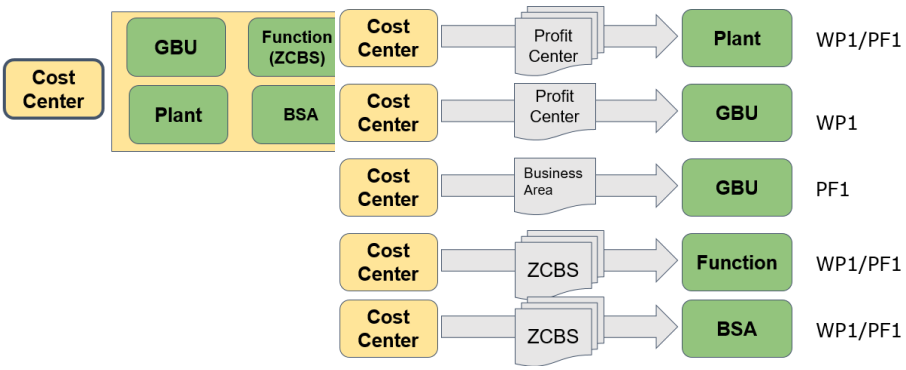
- Drill down to detail
- Check Macro Package by any dimension
- Example: Material group and Material

Other details about the Co$ta BW query here.

You can see in more detail on the documentation information about the dimensions, for example Package Derivation Source under Co$ta - Package assignment.

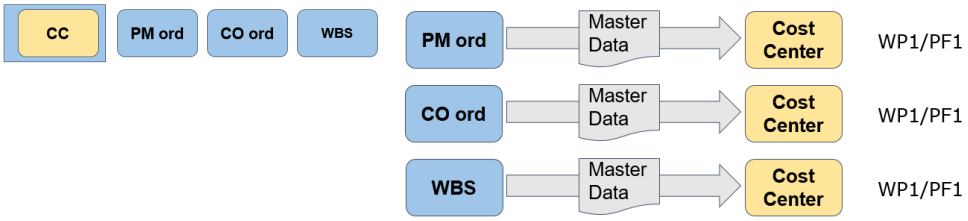
Determination Rules for Budget Owner Dimensions

Dimensions of Budget Owners in Dashboard



- IF no CC assigned costs will show as not assigned
- IF CC not assigned to ZCBS hierarchy the Cost stay as NA (Function) (no GBU, no Plant; etc)

Derivation from other Objects

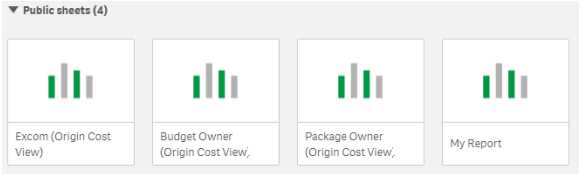


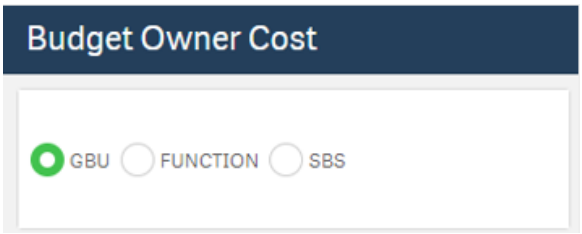
IF No CC assigned. The Cost stay as NA (no GBU, no Plant; etc)

Only Order category: 01 and 30

Budget Owner (GBU) Qlik detail

1. **Go to Qlik Sense** here, select budget owner cost and confirm GBU is selected



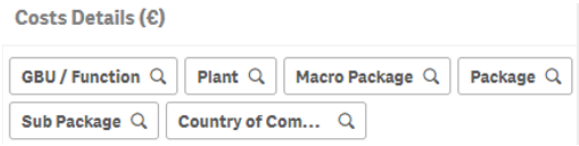


2. **Choose your GBU:**

2.1. Directly in *cost details*

- Hit the GBU / Function dimension
- Select the GBU and hit the confirm selection button

You will get the costs for the selected GBU on the dashboard, graphs and total costs (cost details is set to have this 6 dimensions view)



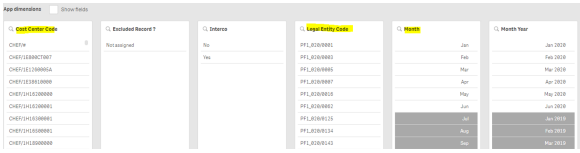
> ⚠ The access macro-package People is restricted by GBU depending on the user ID profile.

2.2. Via option *Selections*

Hit option

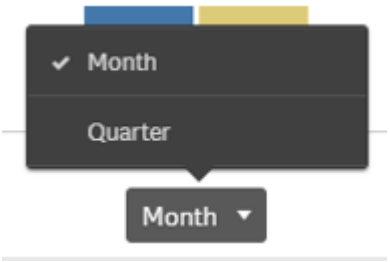
(the button on the top right)

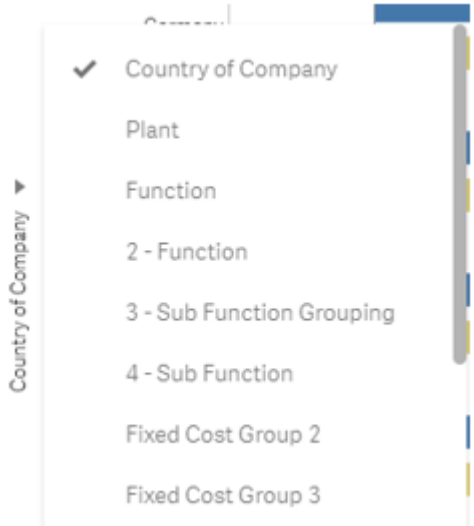
- You can select any dimension, like cost center, month and entity etc.
- If the options are in dark gray, it means there is no data for these options



3. **There are two standard Graphs already set up**

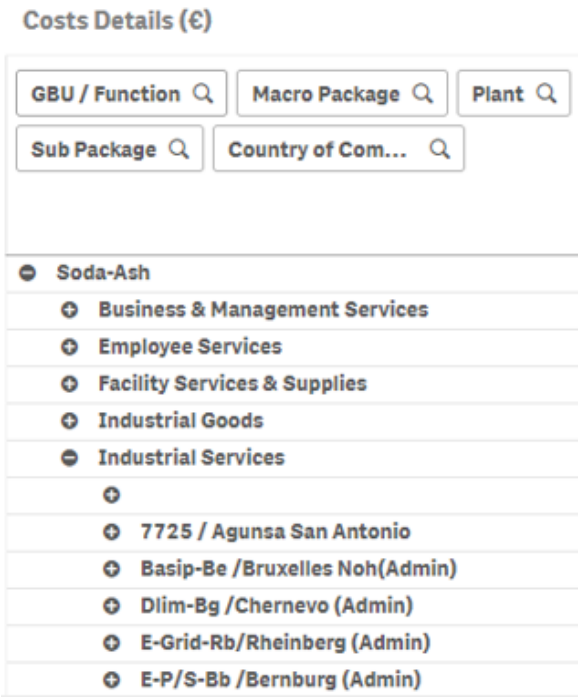
- Hit the description to change the comparison data





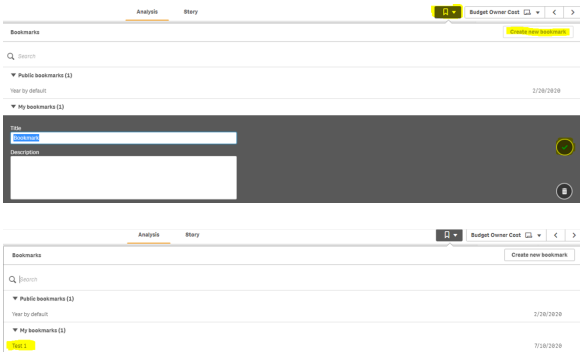
4. **Cost details**

- It works by drag & drop
- Build your view to analyze the costs
- Select the order of available dimensions to establish the levels on the dashboard
- Example for GBU Soda Ash with Macro Package and Plant



5. You can create a **bookmark** to store the filters, for the moment the layout is not saved, so you have to rebuild Cost details sequence each time

- You can get back to it choosing bookmark and selecting it
- You can also share the bookmark to any other person

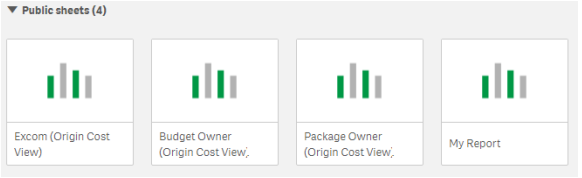


6. At the bottom you can find **Vendor costs** info (2020/2019)

- A table with the higher costs vendor to lower costs vendor
- A graph with the same info or by biggest delta Vs 19

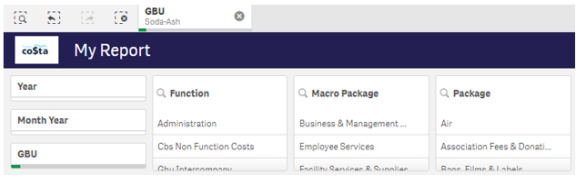
7. **My report view** (in addition to the Budget Owner)

- Go to Qlik Sense here, select My report

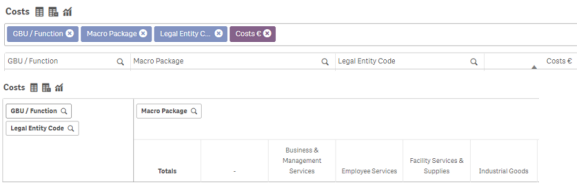


8. You will find **Standard filters and Data sets**

- Click on your selection to select / unselect data sets



9. You can choose to work the data as **T able or Pivot table**



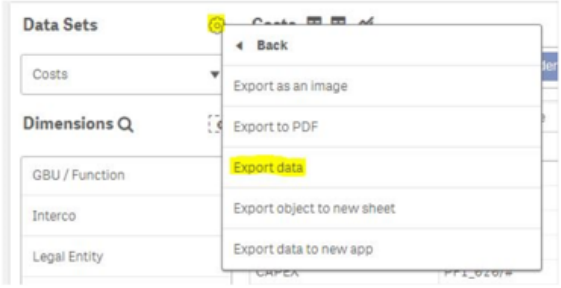
<u>For both:</u>

- You just need to do the selections and the field will move to the dashboard
- You can hit the dimension button and filter what is not available in the standard filters

<u>Table:</u> you can change the sequence of the dimension

<u>Pivot table:</u> you can move also from row to column

10. Download the data to Excel



Keep in mind that these are costs at Origin so they will have GAP to GBU/cost center reports.

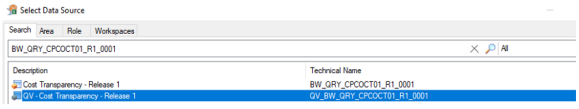
Main reasons:

- Allocations to CAPEX
- Costs charged / received to / from other CC group
  - Normally via secondary Cost Elements
  - Eg: Allocations from Plant FC to SG&A / SG&A to Plant FC
- Allocations to variable costs
- Cost Charge back to Interco or External
- Spare parts consumed

Other details about the Budget Owner Qlik here.

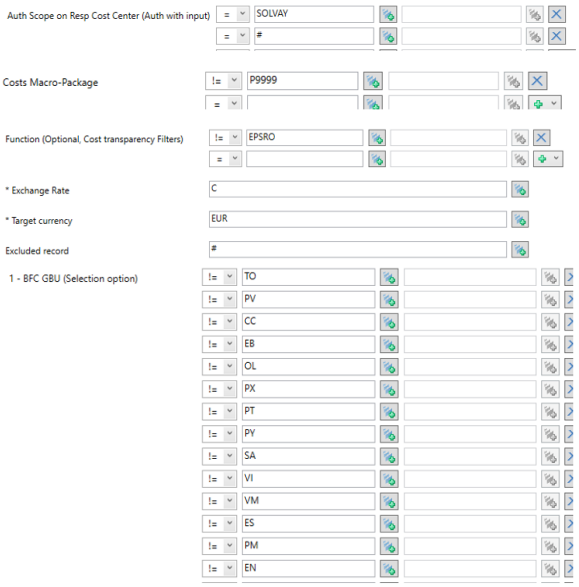
Budget Owner (GBU) BW detail

Directly in BW (WBP) : search for “BW_QRY_CPCOCT01_R1_0001” and choose the highlighted query



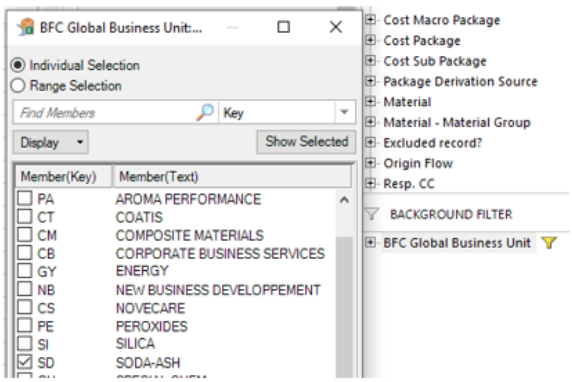
Template already filtered to match Qlik Sense dashboard by Macro Package here.

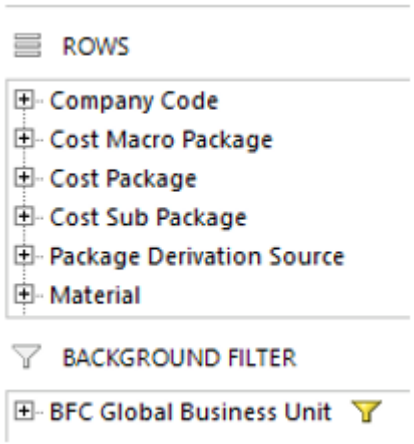
Than you have to do this selections in the prompt alongside the periods you are looking in Qlik Sense



For GBU

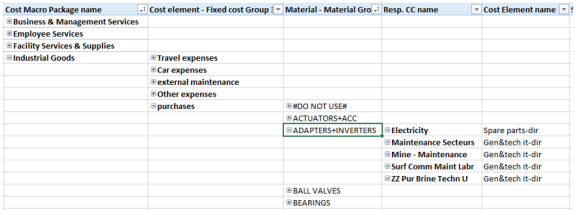
- Select only the GBU under analysis (right click on the dimension)
- Filter by member-make your selection





When finished:

- Use the filters or copy paste to another sheet completing the header of the columns without info
- Create a new sheet and insert a pivot table



The total amount should match with Qlik Sense.

- Drill down to detail
- Check GBU by any dimension
- In this example: Material group, Fixed cost group 3 and cost center

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Other details about the Co$ta BW query here.

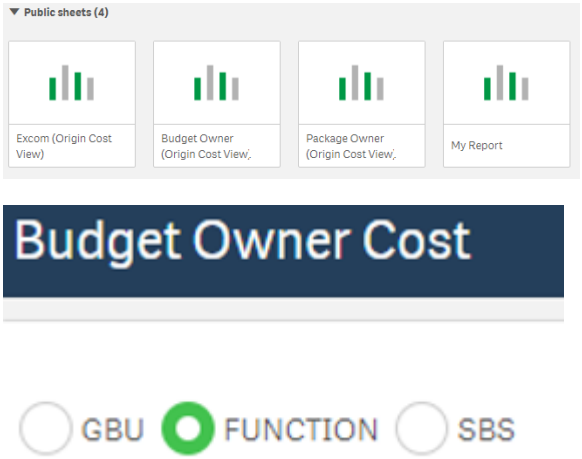
More details in the documentation information of the dimensions, for example:

- Co$ta - Origin flow
- Co$ta - Responsible cost center

Budget Owner (Function) Qlik detail

1. Link to co$ta dashboard here

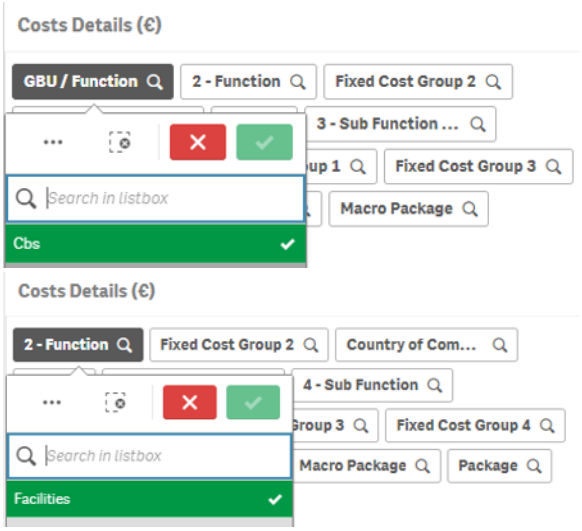
- Select Budget owner Cost
- Confirm that FUNCTION is selected



2. Directly in **cost details:**

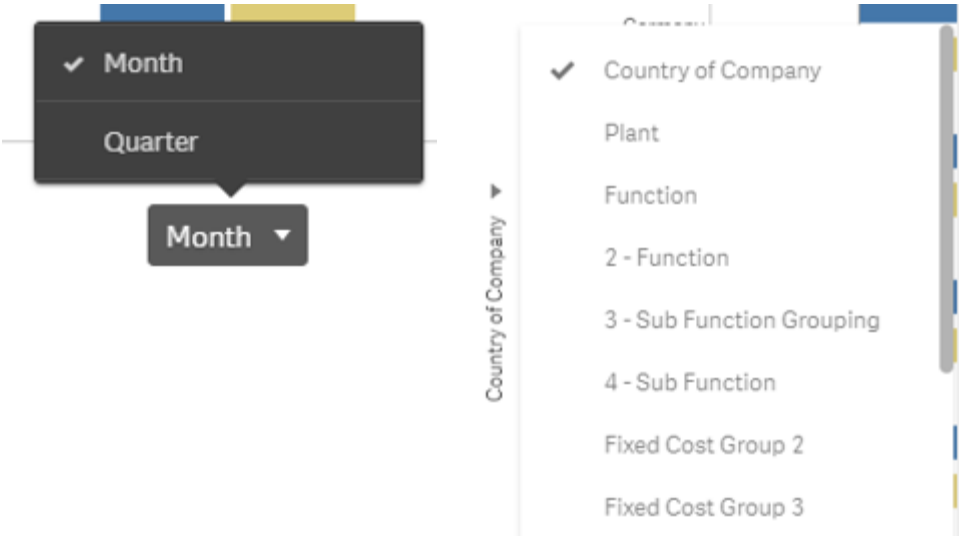
- Hit the "**GBU/Function**" "**Cbs**"
- Hit "**2 - Function**" and specify the desired function

You will get the costs according to the selection



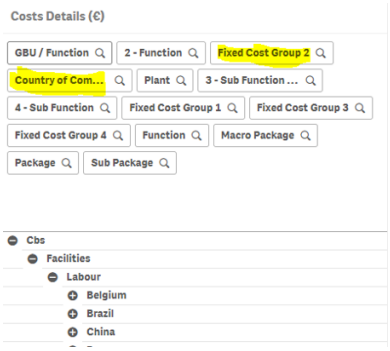
3. **There are two standard Graphs already set up**

- Hit the description to change the comparison data

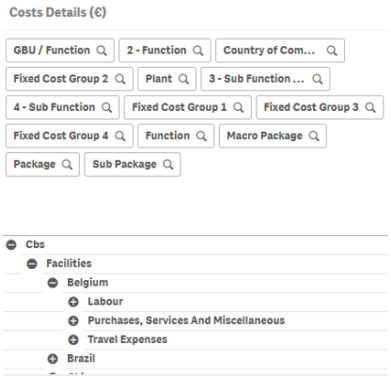


4. **Layout change** by moving the buttons under Costs Details

Example 1:
Results by Cost Group and Company



Example 2:
Results by Company and Cost Group



Major difference against current Function Fixed Costs report

1. Only the costs from WP1/PF1 are considered in the COSTA project

For the costs from non-ERP Cytec entities are out off scope, by the end of June 2020, the YTD impact is around 1.1 MEUR

Jun YTD	WP1/PF1		Non erp		Total	
	Amount	%	Amount	%	Amount	%
Communication	6,514.0	100.0%	-	0.0%	6,514.0	100%
Excellence Center	11,547.0	98.6%	163.0	1.4%	11,710.0	100%
Facilities	10,840.0	100.0%	-	0.0%	10,840.0	100%
Finance	15,089.0	98.9%	171.0	1.1%	15,260.0	100%
GM	25,235.0	99.4%	158.0	0.6%	25,393.0	100%
HR	21,084.0	100.0%	-	0.0%	21,084.0	100%
IAM	8,352.0	100.0%	-	0.0%	8,352.0	100%
Industrial	14,748.0	98.8%	176.0	1.2%	14,924.0	100%
Legal	11,475.0	98.7%	149.0	1.3%	11,624.0	100%
Purchasing	12,823.0	97.7%	297.0	2.3%	13,120.0	100%
Total	137,707.0	99.2%	1,114.0	0.8%	138,821.0	100%

2. The cost allocated from other Function team by 2nd cost elements (WP1:99XXXXXX, PF1: 9XXXXXXXXXX) are out of scope

Sample: Office facility cost, relocated from order/WBS

Cost Center	Cost Center name	Fixed cost Group	Cost Element	Cost Element name	Partner Order	Partner Order name	Partner WBS	Partner WBS Element	Jan	Feb	Mar	Apr	May	Jun	
D117450560	FM HSE	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-T-560/N	HSE (LIFE SAVING RULES)			-8.71				-8.71
D117460601	FM Building 01	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-601/N	GEBAEUDE 01 ORDENT. ETAT	-17.16	-0.72	-1.37	-0.44	-0.18	-0.51	-20.38
D117460602	FM Building 02	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-602/N	GEBAEUDE 02 ORDENTL. ETAT	-3.10	-3.29	-4.45	-2.37	-0.86	-2.00	-16.05
D117460603	FM Building 03	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-603/N	GEBAEUDE 03 ORDENTL. ETAT	-0.44	-0.03	-0.94	-0.03	-0.03	-0.66	-2.12
D117460604	FM Building 04	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-604/N	GEBAEUDE 04 ORDENTL. ETAT	-0.99	-10.74	4.09	-1.38	-0.63	-2.06	-11.71
D117460605	FM Build 05 Garage	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-605/N	GEBAEUDE 05 ORDENTL. ETAT			-0.17	-3.82		-0.70	-4.69
D117460608	FM Building 08	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-608/N	GEBAEUDE 08 ORDENTL. ETAT	-1.89	-6.90	-0.20	-0.52	0.11	-0.28	-9.69
D117460611	FM Building 11	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-611/N	GEBAEUDE 11 ORDENTL. ETAT	-3.19	-2.14	-0.64	-0.85	-0.32	-1.58	-8.73
D117460640	FM Building 10 VH-I	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-640/N	VERSUCHSHALLE I, 10	-0.28	-1.34	-7.24	-0.68	-0.18	-2.33	-12.05
D117460650	FM Building 12 VH-II	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-650/N	VERSUCHSHALLE II, 12	-0.93	-1.66	-1.70	-1.53	-1.99	-3.94	-11.75
D117460660	FM Building 17	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-660/N	ANWENDUNGSTECHNIK 17	-2.24	-1.15	-1.39	-1.64	-0.86	-1.13	-8.41
D117460670	FM Build 15 Doc/WS	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-670/N	WERKSTATT/WERKSARZT 15	-0.43	-0.33	-0.09	-0.15	-0.01	-2.32	-3.34
D117460680	FM Build 14 Gefahrst	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-680/N	GEFAHRSTOFFLAGER	-0.04	-0.04	-0.04	-0.04	-0.04	-0.23	-0.42
D117460690	FM Build 6&7 Cantine	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-690/N	KANTINE,KUECHE/KASINO 6,7	-1.28	-4.62	-0.46	-3.39	-2.53	-1.53	-13.82
D117460745	FM Infrastructure	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-I-745/N	INFRASTRUKTUR HANNOVER	-6.17	-5.65	-10.31	-4.81	-8.86	-5.36	-41.17
D117460800	FM Build 45 Solfit	MAINTENANCE	9105000000	Maintenance SU "at c	#	PF1_020/Not assigned	D1-HN-G-800/N	GEBAEUDE 45 SOLFIT		-0.12	-0.02	-0.12			-0.27
ZFR3-5452	BUILDING AUBERV	MAINTENANCE	99210030	Services Settled	000012460167	Travaux 2020 Service	#	WP1_400/Not assigned					-2.00	-0.81	-2.81

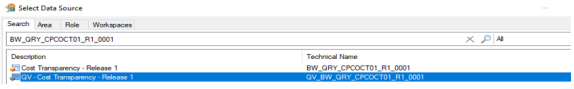
Sample: Yearly bonus true up, the cost is booked to a common cost center first, then allocated to the specific cost center by cycle

P	S	T	V	W	AD	AE	AF	AG	AH
Fixed cost Group 2	Cost Element	Cost Element name	Partner Cost Center	Partner Cost Center name	Jan	Feb	Mar	Apr	May
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-0.54	-0.33	-0.36	-0.35	-0.30
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.06	0.13
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-0.41	-0.28	-0.29	-0.28	-0.24
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-0.85	-0.77	-0.85	-0.82	-0.82
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.17	-0.92
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-0.65	-0.66	-0.68	-0.67	-0.66
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-2.45	-1.91	-2.05	-2.23	-1.65
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.47	-1.39
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-1.87	-1.64	-1.65	-1.80	-1.33
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-0.58	-0.34	-0.58	-0.56	-0.56
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.17	-0.23
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-0.44	-0.29	-0.47	-0.46	-0.45
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-0.33	-0.30	-0.32	-0.33	-0.33
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.19	
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-0.25	-0.25	-0.26	-0.27	-0.27
LABOUR	9620000401	pers cost surcharges	D180058500	Zuschläge Personal	-0.20	-0.25	-0.19	-0.31	-0.19
LABOUR	9629200201	Grp-Leg contr empl	D1D8590	1196 Hannover Div.59				0.01	
LABOUR	9620000401	pers cost surcharges	D180058500	Zuschläge Personal	-1.51	-2.07	-1.46	-2.26	-1.54
LABOUR	9629200201	Grp-Leg contr empl	D1D8590	1196 Hannover Div.59				-0.16	
LABOUR	9629200201	Grp-Leg contr empl	FUD8590	Div 59 Administrativ				0.05	
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-1.68	-1.49	-1.65	-1.61	-1.60
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU				0.11	-7.62
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-1.28	-1.28	-1.33	-1.30	-1.29
LABOUR	9629200201	Grp-Leg contr empl	SM800R6202	FRAIS PERSO non affecté	-0.43	-0.38	-0.42	-0.41	-0.44
LABOUR	9629200201	Grp-Leg contr empl	SMD8590	SCH - DIV 59 ADMINISTRATIVE SU					0.26
LABOUR	9629200301	Grp-Pr,Ind,Oth var	SM862R2201	TW PERRIN CAISSE MEDICALE	-0.32	-0.33	-0.34	-0.33	-0.35
LABOUR	9629200201	Grp-Leg contr empl	FUD8590	Div 59 Administrativ				0.19	
LABOUR	99422098	Grp-Leg Bonus Cadre	ZFR3-5998	SWEEP / PIVOT				-1.95	
LABOUR	99422099	Grp-Leg contr empl	ZFR3-5998	SWEEP / PIVOT				-0.97	
LABOUR	99422098	Grp-Leg Bonus Cadre	ZFR3-5998	SWEEP / PIVOT				-4.29	
LABOUR	99422099	Grp-Leg contr empl	ZFR3-5998	SWEEP / PIVOT				-2.14	
LABOUR	99422097	Grp-Leg GPSharing	0249-5998	Sweep / pivot				0.24	
LABOUR	99422098	Grp-Leg Bonus Cadre	0249-5998	Sweep / pivot				1.12	
LABOUR	99422099	Grp-Leg contr empl	0249-5998	Sweep / pivot				0.20	
LABOUR	99422098	Grp-Leg Bonus Cadre	6345-5998	Sweep / pivot				-0.94	
LABOUR	99422099	Grp-Leg contr empl	6345-5998	Sweep / pivot				-0.10	
LABOUR	99422097	Grp-Leg GPSharing	7728-5998	Sweep / pivot				0.16	
LABOUR	99422098	Grp-Leg Bonus Cadre	7728-5998	Sweep / pivot				-0.02	
LABOUR	99422097	Grp-Leg GPSharing	7728-5998	Sweep / pivot				0.20	
LABOUR	99422098	Grp-Leg Bonus Cadre	7728-5998	Sweep / pivot				-3.25	
LABOUR	99422097	Grp-Leg GPSharing	6859-5998	Sweep / pivot				0.04	
LABOUR	99422097	Grp-Leg GPSharing	7728-5998	Sweep / pivot				0.04	
LABOUR	99422098	Grp-Leg Bonus Cadre	7728-5998	Sweep / pivot				-0.96	
LABOUR	99422097	Grp-Leg GPSharing	6859-5998	Sweep / pivot				0.04	
LABOUR	99422098	Grp-Leg Bonus Cadre	6062-5998	Sweep / pivot				0.81	
LABOUR	99422099	Grp-Leg contr empl	6062-5998	Sweep / pivot				0.14	
LABOUR	99422097	Grp-Leg GPSharing	7523-6006	Bonus CB				0.15	
LABOUR	99422098	Grp-Leg Bonus Cadre	7523-6006	Bonus CB				-0.29	
LABOUR	99422099	Grp-Leg contr empl	7523-6006	Bonus CB				-0.01	
LABOUR	99422097	Grp-Leg GPSharing	6059-5998	Sweep / pivot				0.04	
LABOUR	99422098	Grp-Leg Bonus Cadre	7764-5998	Sweep-pivot				-0.23	
LABOUR	99422099	Grp-Leg contr empl	7764-5998	Sweep-pivot				-0.06	

Other details about the Budget Owner Qlik here.

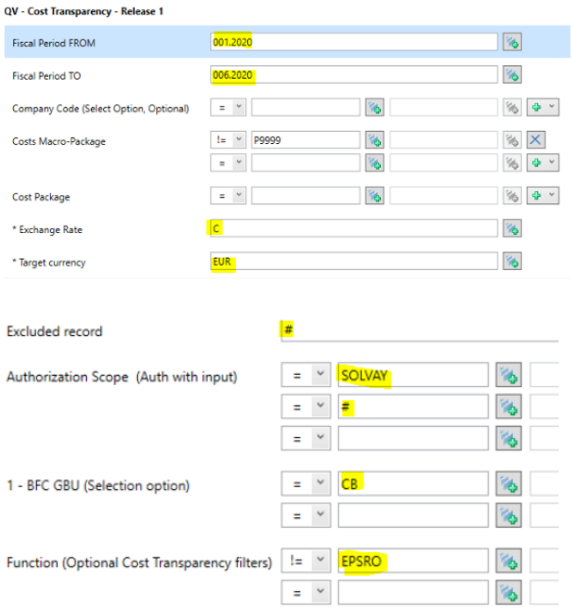
Budget Owner (Function) BW detail

Directly in BW (WBP) : search for "BW_QRY_CPCOCT01_R1_0001" and choose the highlighted query

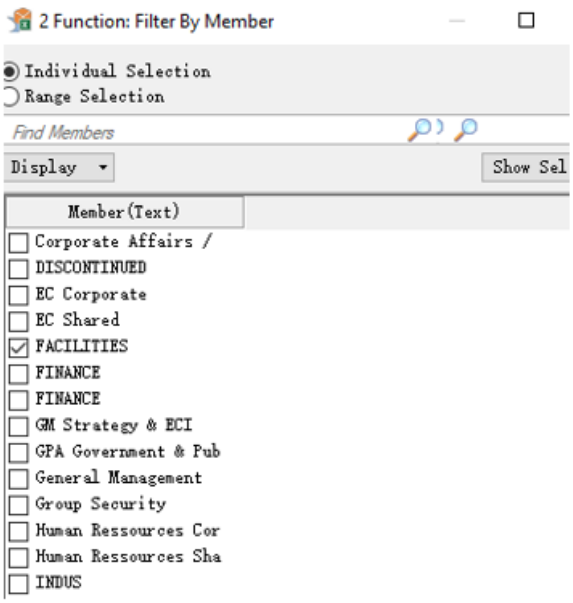


Template already filtered to match Qlik Sense dashboard by Macro Package here.

Then you have to do this selections in the prompt alongside the periods you are looking in Qlik Sense

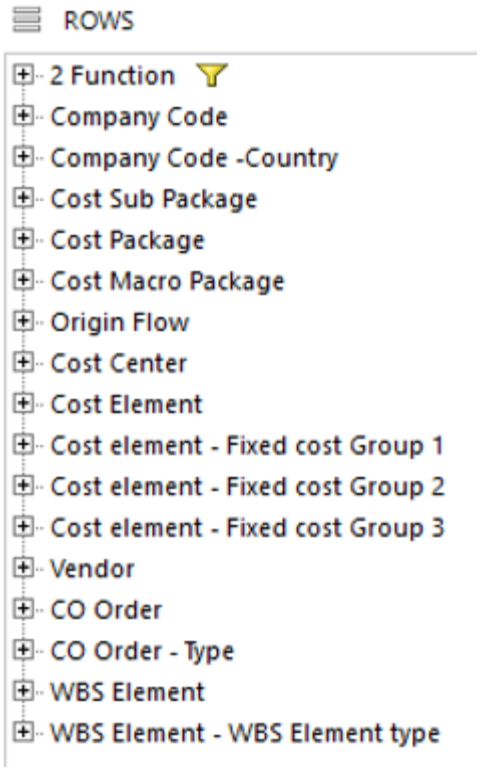


Filter the function by field “2 Function”:



Some of key fields have been included in the template, like:

- Cost Center
- Cost Element
- Vendor
- WBS
- Order
- CAPEX / OPEX



Results displayed by Cost Macro Package in sheet “Check"

CAPEX/OPEX	(Multiple Items)	
Sum of EUR		
Cost Macro Package2	Company Code -Country2	Total
Business & Management Services		207,240
Employee Services		141,741
Facility Services & Supplies		5,578,452
Industrial Goods		117,301
Industrial Services		924,469
IT & Telecommunication		61,319
Not assigned		-176,255
Packaging		2,140
People		3,377,540
Transport & Logistics Services		-15
Warehouse Services & Logistics Rental		237,681
Grand Total		10,471,614

Other details about the Co$ta BW query here.

More details in the documentation information of the dimensions, for example:

- Co$ta - Origin flow
- Co$ta - Responsible cost center