



General User Documentation

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1. Introduction

This guideline provides all information required for handling of GLORIA. Please read it carefully.

GLORIA is a **standardised** R&D cost analysis, planning and reporting tool for Conti Automotive. It is integrated into SAP Business Warehouse (CBW) landscape and includes a more detailed R&D cost item structure than FIRE as well as specific R&D headcount items, which are not available in FIRE at all (see table below).

No.	GLORIA	FIRE
HEADS		
10	Heads R,D&E	Not available
20	thereof Leased Employees	Not available
60	thereof Working Students	Not available
COSTS		
10	Total Compensation	Not available
15	thereof Compensation for Leasing	Not available
20	External Services on Cost Center	Not available
30	Depreciation	Not available
35	Travel on Cost Center	Not available
40	Other Primary Costs on Cost Center	Not available
50	IT	Not available
60	Facility	Not available
70	Other Secondary Costs on Cost Center	Not available
80	External Services on Project	Not available
90	Travel on Projects	Not available
100	Internal Prototype Cost	Not available
105	External Prototype Cost	Not available
107	ICO Prototype Cost	Not available
108	ICO Prototype Income / Revenues	Not available
110	Other Project Specific Costs	Not available
115	Prototype Cost (Out)	Not available
500	Central Engineering S&T (In)	Not available
140	Patent Department (In)	Not available
150	Transfer Hour Recording (In)	Not available
155	thereof Int. Quality Labs	Not available
520	Segment Clearing (In)	Not available
530	Internal Transfers CES / EB (In)	Not available
170	Other Transfers (In)	Not available
540	Central Engineering S&T (Out)	Not available
545	Patent Department (Out)	Not available
230	Transfer Hour Recording (Out)	Not available
550	Segment Clearing (Out)	Not available
560	Internal Transfers CES / EB (Out)	Not available
250	Other Transfers (Out)	Not available
400	Capitalization IAS 38	Not available
255	Task	Not available
-	Primary R,D&E Costs w/o WIP impact	
600	Work in progress R,D&E Addition	Change in certain mov.types of corresponding B/S-items
601	Work in progress RCD&E Release	Change in certain mov.types of corresponding B/S-items
-	Total Work in Progress Impact	Not available
-	Primary R,D&E Costs (FIRE)	0311500600 Primary R,D & E costs
610	thereof CC Imbalance	Not available
510	Variance to Primary Costs FIRE	Not available
602	Governmental Grants	Not available
603	Governmental Grants Transfers	Not available
-	Governmental Grants for R,D&E (FIRE)	0311501910 Gov. grants gen. R&D + 0311501920 Gov. grants applic. eng.
180	R,D&E Licence Expenses (FIRE)	0311502500 R,D & E licences expenses
260	R,D&E Licence Income (FIRE)	0311502000 R,D & E licences income
-	Total R,D&E Costs (Net)	Not available
320	R,D&E Allocation (In)	0311503100 R,D & E allocation in
290	R,D&E Allocation (Out)	0311503600 R,D & E allocation out
810	R,D&E Prior Year	0311504100 R,D & E prior year
-	R,D&E Expenses (FIRE)	0311500000 R,D & E expenses
-	R,D&E Expenses w/o WIP Impact	Not available

No.	GLORIA	FIRE
604	Development Reimbursements (w/o Governm. Grants)	Not available
605	thereof Work in Progress Deviation	Not available
281	Prototype Reimbursements	Not available
282	Reimbursement Transfers	Not available
-	Reimbursements (FIRE)	0312502700 Reimbursements
-	R,D&E Expenses incl. Reimbursements (FIRE report)	Not available
-	R,D&E Exp. incl. Reimb. (FIRE report) w/o WIP Impact	Not available

While FIRE shows 1 cost item for Primary R,D&E Costs, GLORIA shows more than 30 !

Every GLORIA-item needs to be filled **monthly** for Actual/Forecast and **yearly** for Budget/Strategic Plan. Data can only be entered **manually** for Forecast, Budget and Strategic Plan. The monthly Actual data input is supported by a semi-automated process and can also be done manually. Please see chapter 5 for more details.

2. Definitions

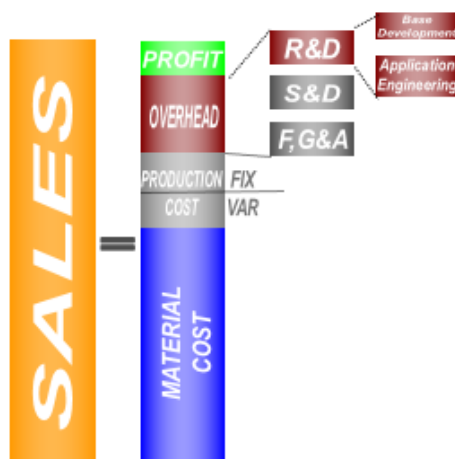
2.1. What is R&D

Please refer to the latest version of the R&D Controlling Principles:

Definition R&D

Visualization and Definition

In general, FRM is the guiding document and applies.



What is R&D?

Definitions from Financial Reporting Manual (FRM) *

R&D expenses contain all expenses related to R&D incurred at the functions research, development and engineering. These also include all expenses for prototypes. These do not include Industrial Engineering.

The costs of these functions are made up of

- the costs arising at the company
- minus profit from ancillary business e.g. sale of experimental vehicles or prototypes.

All cost and revenues of prototypes/samples for research, development and application engineering purposes (not industrialization purposes) are R&D expenses. In some cases related to IAS 2 as described in chapter 11, cost may first be posted in the balance sheet and will become R&D cost at a later date. This is independent whether the prototype/sample is used internally or sold/shipped to external customers.

From 2018 onwards, Reimbursements from customers for research and development as well as for prototype deliveries will be reported as other operational income and expenses but will be perceived as a part of R&D as defined in this document.

In summary:

- R&D means research and development incl. basic research and application development
- R&D does not include Industrial Engineering
- R&D includes customer prototypes (cost and reimbursements)
- R&D includes reimbursements from customers or suppliers specifically for R&D efforts
- R&D includes income and expense from know-how and license agreements relating to R&D activities
- R&D includes governmental grants related to R&D
- R&D includes cost of patent department (IP)

Abstract only; the complete FRM you might find here:
<http://intranet.conit.de/home-de/organisationseinheiten/corporate-functions/finance-controlling-compliance-law-it/corporate-controlling/financial-reporting-manual-frm-/407590>



Automotive R&D Controlling
Public

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2.2. R&D Headcount

- ⇒ R&D headcount includes all internal personal, leased personal and working students on R&D cost centers independent from function or educational background! E.g. team assistants in R&D departments are R&D headcount.
- ⇒ R&D headcount is always fixed headcount, never variable
- ⇒ Activity for logistic, supplier quality assurance, purchasing, business development, ... is not counted as R&D headcount – these cost centers can not declare themselves as R&D cost centers
- ⇒ Pure R&D managers leading pure R&D organization (100% R&D headcount) are R&D headcount
- ⇒ Project managers can be R&D headcount or S&D headcount, depending on the organization. Technical project manager are R&D headcount, project managers also responsible for sales related topics are S&D headcount
- ⇒ Shared R&D services (S&T, IES, ASIC development, ...) are defined as R&D headcount
- ⇒ Services like human resources, R&D Controlling etc. are defined as F,G&A headcount
- ⇒ Development of corporate, division and business unit IT tools belong to IT

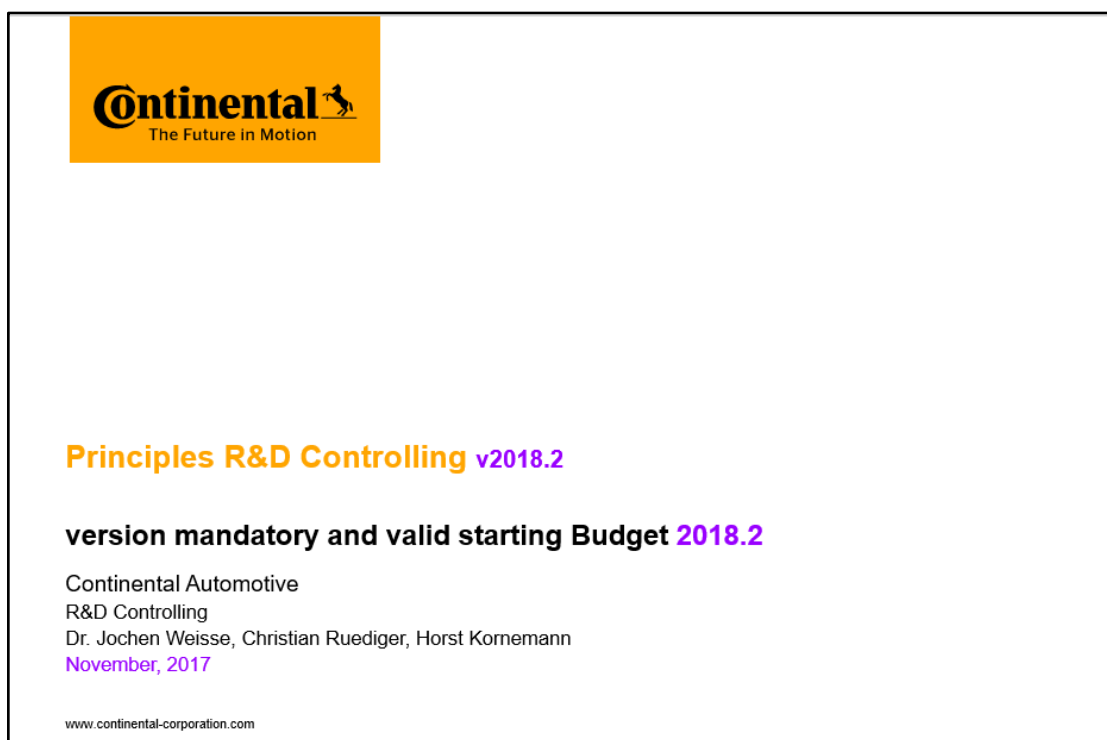
2.3. Transfers in R&D

- ⇒ Expenses booked from one BU/Segment to another, transfers made via writing hours on R&D projects of other BU/Segments within the same legal entity or transfers made via invoicing to other organizational units in other legal entities (segment clearing) have to be booked on transfer accounts in the operative SAP systems. This leads to reporting under “Primary R,D&E Costs” in FIRE (FS-item 0311500600) and under external transfer in & out cost items in GLORIA.
- ⇒ Expenses booked into or out of R&D (see exceptions "The two Basic Rules") are booked on transfer accounts in the operative SAP systems. This leads to reporting under “Primary R,D&E Costs” in FIRE (FS-item 0311500600) and under secondary cost on cost center item in GLORIA.

2.4. Allocation in R&D

- ⇒ Expenses charged from one legal entity to another within the same segment or BU have to be booked on allocation accounts in the operative SAP systems. This leads to reporting under "R,D&E Allocation in/out" in FIRE (FS-items 0311503100 + 0311503600) and under R,D&E Allocation in/out cost items in GLORIA.
- ⇒ **This includes all license payments from certain plants to IP owner (groups) for the right of use of technical know-how (Base IP and Application engineering) for Electronic BU R&D-Allocation and for Brakes & Chassis BU R&D Allocation!**

Please also refer to official R&D Definition in the latest version:



3. GLORIA Access

Please use the CART-Tool (Continental Authorization Request Tool) to apply for GLORIA access. Follow this link to enter the workflow ⇒ [CART](#)

GLORIA roles are available under following path:

05 Automotive=>SAP=>CBW_100 Business Warehouse=>Gloria R&D

<ul style="list-style-type: none"> 05 Automotive <ul style="list-style-type: none"> Applications Location SAP CBW_100 Business Warehouse <ul style="list-style-type: none"> Gloria R&D <ul style="list-style-type: none"> Chassis and Safety <ul style="list-style-type: none"> <input type="checkbox"/> Gloria Upload <input type="checkbox"/> Manual Data Input - Reporting Interior <ul style="list-style-type: none"> <input type="checkbox"/> Gloria Upload <input type="checkbox"/> Manual Data Input - Reporting Powertrain <ul style="list-style-type: none"> <input type="checkbox"/> Gloria Upload <input type="checkbox"/> Manual Data Input - Reporting 			
	Please specify Short name of location or Fire Number location of your responsibility: [...]	Sesli Uemit	Prinz Jennifer
	*Mail: Gloria- Stationery+	Sesli Uemit	Prinz Jennifer
	Please specify Short name of location or Fire Number location of your responsibility: [...]	Brandl Herbert	
	*Mail: Gloria- Stationery+	Brandl Herbert	
	Please specify Short name of location or Fire Number location of your responsibility: [...]	Strege Bernd	
	*Mail: Gloria- Stationery+	Strege Bernd	

Manual Data Input Reporting - is mandatory task for all Gloria users. Allows you to have access to Data Input area and to Reporting Area. **The Upload function is not granted via this selection.**

Gloria Upload - is designed mainly for R&D location responsible. It will allow you to use the Semi automated data upload(file upload) per specified location.

4. GLORIA First Login & Initial Data Entry

Once GLORIA access has been granted, log on to CBW as shown below (use initial password given for first login).

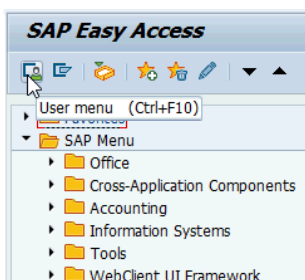
USER: Enter your User ID (e.g. ATSD 02)

PASSWORD: Enter your password

Note: For first login, initial password is required, which you will receive via email !

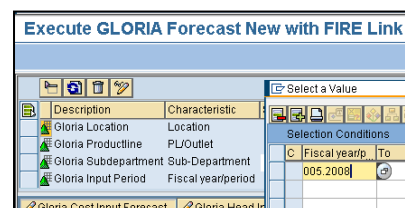
GLORIA password is not a specific password! It is a password for the login to Business Warehouse (CBW). In case you need to reset your password or in case you need a new password please contact your [local IT Helpdesk!](#)

The GLORIA folder should be available in the user menu. The User menu can be accessed as shown here:



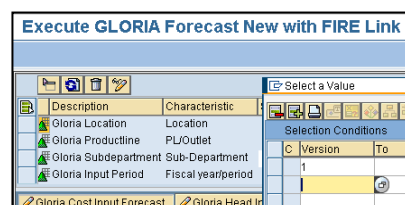
NOTE for initial data entry:

1. Enter correct format for fiscal year period (e.g. “001.2018-013.2018”).



2. ALWAYS enter “1” as version! **VERY IMPORTANT!**

Please contact the GLORIA support colleagues if the version has to be corrected.



5. Data Entry

Data entry for **Budget** and **Strategic Plan** needs to be done **manually** (see chapter 5.1.).

Monthly **Forecast** data entry is supported by GLORIA administrator as follows: Once budget data has been entered into GLORIA, it'll be copied by GLORIA administrator to the Forecast 1+11. If necessary, FC 1+11 can be **adjusted manually** (see chapter 5.1.) and will then be copied by GLORIA administrator to the next period. These steps are repeated until FC 11+1.

Monthly **Actual** data entry requires monthly SAP R/3 analysis activities as follows:

- Checking headcount per “Cost Center-Group” (subdep.) for **GLORIA headcount item 10, 20, 60** by using R/3-Report “....S_ALR_87013611” (e.g. in NZP, AEP, AMP, A2P, etc.).
SEE CHAPTER 12 FOR DETAILS
- Checking cost center costs per “Cost-Center-Group” (subdep.) for **GLORIA primary cost items 10 to 70** by using R/3-Report “....S_ALR_87013611”.
SEE CHAPTER 12 FOR DETAILS
- Checking project specific costs per segment for **GLORIA primary cost items 80 to 110** by using PS-Report “/CASWW/PS_DB_DISPLAY” (e.g. in NZP, AEP, AMP, A2P, etc.) or “/CASWW/PS5710” (in SPIRIT-systems). **SEE CHAPTER 12 FOR DETAILS**
- Checking Transfers (S&T, Patent, etc.) per segment for **GLORIA primary cost item 140, 150, 155, 170, 230, 250, 500, 520, 530, 540, 550, 560** by using report “S_ALR_87013611”,

“/CASWW/PS_DB_DISPLAY”, “/CASWW/PS5710” and R/3-Transaction “FAGLB03” (e.g. in NZP, AEP, AMP, A2P, etc.). **SEE CHAPTER 12 FOR DETAILS**

- Checking R&D License, Reimbursement, Allocation (incl. Prior Year) and Capitalization per segment for **GLORIA cost item 180, 260, 280, 281, 282, 290, 320, 400, 810** by using transaction “FAGLB03”.

SEE CHAPTER 12 FOR DETAILS

- Transfer of cost and headcount values to GLORIA (manually or by using upload interface).

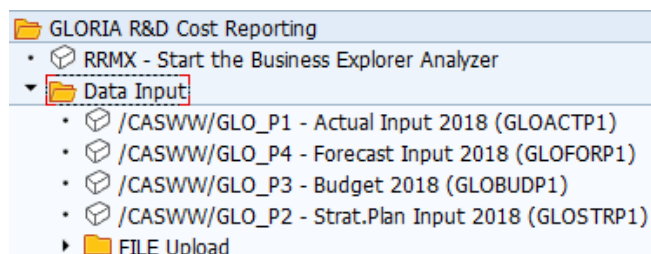
In order to reduce effort for monthly **Actual** data entry, control tables were installed in all SAP R/3 systems worldwide. SAP accounts will be assigned to respective GLORIA head & cost items through these tables.

Before tables can be used, each GLORIA user has to make a configuration based on excel-files for their responsible segment and location. Only after this an overview of GLORIA cost & head items incl. all **Actual** period values can be created from local SAP side.

Please see chapter 5.2. for more details about the semi-automated **Actual** data entry process incl. the control table configuration steps. Note that **Actual** data can also be entered manually (see chapter 5.1.).

5.1. Manual Data Entry

- For manual data entry, select **Actual**, **Budget**, **Strat.Plan** or **Forecast** transaction.



- **Actual:** Transaction /CASWW/GLO_P1 - Actual Input 2018 (GLOACTP1).

Forecast: Transaction /CASWW/GLO_P4 - Forecast Input 2018 (GLOACTP1).

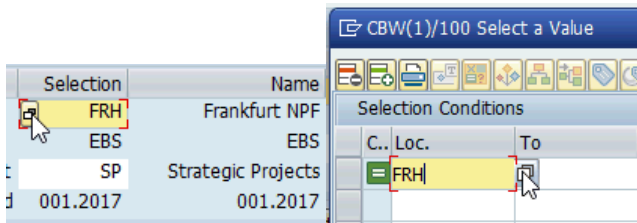
(Note: Steps for **Forecast** and **Actual** data entry are equal!)

Execute GLORIA Actual						
Close Variables						
Description of Variable	Characteristic	Selection	Name	Selection To	Name	
Gloria Location	Loc.	FRH	Frankfurt NPF			
Gloria Productline	Outlet	EBS	EBS			
Gloria Subdepartment	Sub-Department	SP	Strategic Projects			
Gloria Input Period	Fiscal year/period	011.2017	011.2017	013.2017	013.2017	

Gloria Cost Actual		Gloria New Head Input Actual		
Cost-Item		GLORIA 011.2017	GLORIA 012.2017	GLORIA 013.2017
10	Total Compensation	0	0	0
15	thereof Compensation for Leasing	0	0	0
20	External Services on Cost Center	0	0	0
30	Depreciation	0	0	0
35	Travel on Cost Center	0	0	0
40	Other Primary Costs on Cost Center	0	0	0

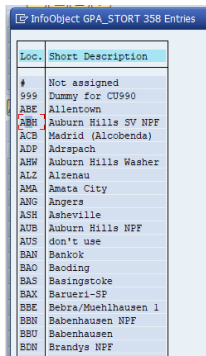
Selection of
-Location
-Outlet
-Subdepartment
-Period

Cost input fields

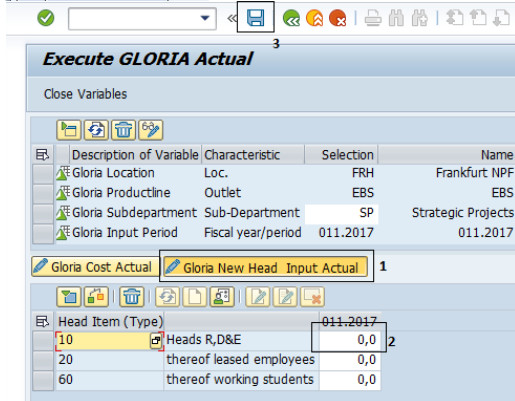


click selection field

then click selection button

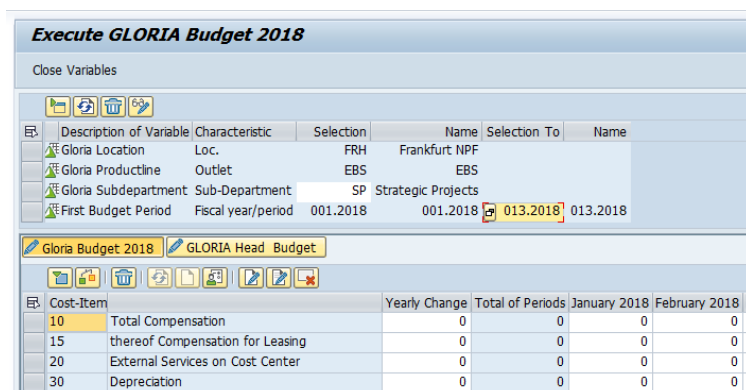


select location – repeat steps for Outlet, Sub-Department (if necessary) and Fiscal year/period!



1. Change to Headcount input
2. Input value
3. Click save button

- **Budget:** /CASWW/GLO_P3 – Budget starting 2018 (GLOBUDP1)



- **Strat.Plan**:-/ CASWW/GLO_P2 – Strat.Plan Input starting 2018 (GLOSTRP1)

Execute GLORIA Strat.Plan 2018

Close Variables

Description of Variable	Characteristic	Selection	Name	Selection To	Na...
Gloria Input Year	Fiscal year	2018	2018	2022	2022
Gloria Productline	Outlet	EBS	EBS		
Gloria Location	Loc.	FRH	Frankfurt NPF		
Gloria Subdepartment	Sub-Department	SP	Strategic Projects		

GLORIA Strat.Plan 2018 **Gloria New Heads Strat.Plan**

Cost-Item	Year 2018	Year 2019	Year 2020	Year 2021	Year 2022
10 Total Compensation	0	0	0	0	0
15 thereof Compensation for Leasing	0	0	0	0	0
20 External Services on Cost Center	0	0	0	0	0

First column shows the Budget year value information,
then input data for +4 years

5.2. Semi-Automated Actual Data Entry

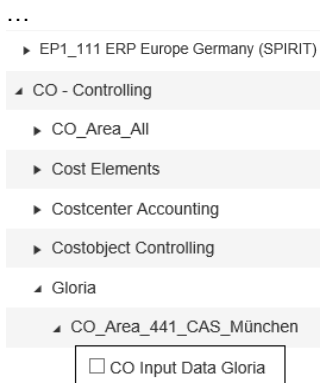
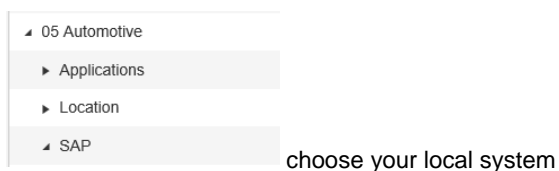
Following steps must be done **before** control table in local SAP R/3 system is ready for use of **Actual** data transfer to GLORIA:

1. Role CAS_COOM_GLORIA_UPLOAD needs to be assigned to own SAP User ID in your local system (not CBW)

⇒ Please use the CART-Tool to apply for this SAP role ⇒ [CART](#)

Roles are e.g. available under following path:

05 Automotive=> SAP=>(Your local SAP system)=>Controlling=>Gloria



2. All 3 configuration excel-files (sent by Central R&D Controlling) needs to be prepared !

⇒ See chapter 5.2.1. to 5.2.3.

3. All 3 configuration excel-files needs to be uploaded into local SAP R/3 !

⇒ See chapter 5.2.4.

4. Project definitions needs to be defined in local SAP R/3 !

⇒ See chapter 5.2.5.

Control table is then ready for use (**monthly** transfer of actual data to GLORIA) as follows:

1. Actual data needs to be generated from SAP R/3 by using transaction ...GLO_0010 !

⇒ See chapter 5.2.6.

2. File for transfer needs to be created and saved as csv file!

⇒ See chapter 5.2.6.

3. GLORIA needs to be opened and the upload transaction needs to be selected !

⇒ See chapter 5.2.6.

4. CSV file needs to be uploaded into GLORIA !

⇒ See chapter 5.2.6.

Note: Control table needs to be maintained yearly (update of validity) ⇒ See chapter 5.2.7.

5.2.1. Cost center configuration file

Open file "Cost Center Configuration.xlsx" and enter, for each item (line 2-11), your:

- (1) Controlling area in **column A** (e.g. **402** for Frankfurt HQ).
- (2) GLORIA location key in **column D** (e.g. **FRH** for Frankfurt).
- (3) GLORIA outlet key in **column E** (e.g. **FNDH** for Foundation).
- (4) GLORIA subdepartment key in **column F** (e.g. **KP** for KPL). **Only if needed/existing!**
Note: Cost center control table deliver results per subdepartment!
- (5) Single cost center in **column L** (e.g. **028-6600**) **or** cost center group (e.g. **02-CVG2018**) in **column M** based on own created cost center hierarchy or on standard XX-TOTCC hierarchy
- (6) Copy and paste **line 2 to 11** for configuration of further controlling areas, locations, outlets, subdepartments or cc-groups (see example of cost center config. below)

Note: Do not change cell/file format or add any other information to the configuration sheet !

1	Controlling Area	Valid From	Value Type	Location	Outlet	Subdepartment	Cost_ITEM	Head_ITEM	Count	Valid To	Dummy_pos	Cost Center	CC_Group	Cost Element	CE_Group
2		01.01.2018	4				010	10		31.12.2018	X				GLO-010
3		01.01.2018	4				015	20		31.12.2018	X				GLO-015
4		01.01.2018	4				020	60		31.12.2018	X				GLO-020
5		01.01.2018	4				030			31.12.2018	X				GLO-030
6		01.01.2018	4				035			31.12.2018	X				GLO-035
7		01.01.2018	4				040			31.12.2018	X				GLO-040
8		01.01.2018	4				050			31.12.2018	X				GLO-050
9		01.01.2018	4				060			31.12.2018	X				GLO-060
10		01.01.2018	4				070			31.12.2018	X				GLO-070
11		01.01.2018	4				610			31.12.2018	X				GLO-610

Example of cost center configuration file:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Controlling Area	Valid From	Value Type	Location	Outlet	Subdepartment	Cost_ITEM	Head_ITEM	Count	Valid To	Dummy_pos	Cost Center	CC_Group	Cost Element	CE_Group
402	01.01.2018	4	FRH	ACTP	KP	010	10		31.12.2018	X		02-CHB18		GLO-010
402	01.01.2018	4	FRH	ACTP	KP	015	20		31.12.2018	X		02-CHB18		GLO-015
402	01.01.2018	4	FRH	ACTP	KP	020	60		31.12.2018	X		02-CHB18		GLO-020
402	01.01.2018	4	FRH	ACTP	KP	030			31.12.2018	X		02-CHB18		GLO-030
402	01.01.2018	4	FRH	ACTP	KP	035			31.12.2018	X		02-CHB18		GLO-035
402	01.01.2018	4	FRH	ACTP	KP	040			31.12.2018	X		02-CHB18		GLO-040
402	01.01.2018	4	FRH	ACTP	KP	050			31.12.2018	X		02-CHB18		GLO-050
402	01.01.2018	4	FRH	ACTP	KP	060			31.12.2018	X		02-CHB18		GLO-060
402	01.01.2018	4	FRH	ACTP	KP	070			31.12.2018	X		02-CHB18		GLO-070
402	01.01.2018	4	FRH	ACTP	KP	610			31.12.2018	X		02-CHB18		GLO-610
402	01.01.2018	4	FRH	ACTP	KW	010	10		31.12.2018	X		02-CHTB18		GLO-010
402	01.01.2018	4	FRH	ACTP	KW	015	20		31.12.2018	X		02-CHTB18		GLO-015
402	01.01.2018	4	FRH	ACTP	KW	020	60		31.12.2018	X		02-CHTB18		GLO-020
402	01.01.2018	4	FRH	ACTP	KW	030			31.12.2018	X		02-CHTB18		GLO-030
402	01.01.2018	4	FRH	ACTP	KW	035			31.12.2018	X		02-CHTB18		GLO-035
402	01.01.2018	4	FRH	ACTP	KW	040			31.12.2018	X		02-CHTB18		GLO-040
402	01.01.2018	4	FRH	ACTP	KW	050			31.12.2018	X		02-CHTB18		GLO-050
402	01.01.2018	4	FRH	ACTP	KW	060			31.12.2018	X		02-CHTB18		GLO-060
402	01.01.2018	4	FRH	ACTP	KW	070			31.12.2018	X		02-CHTB18		GLO-070
402	01.01.2018	4	FRH	ACTP	KW	140			31.12.2018	X	028-6127			GLO-140
402	01.01.2018	4	FRH	ACTP	KW	610			31.12.2018	X		02-CHTB18		GLO-610
402	01.01.2018	4	FRH	ASAT		010	10		31.12.2018	X		02-ASAT18		GLO-010
402	01.01.2018	4	FRH	ASAT		015	20		31.12.2018	X		02-ASAT18		GLO-015
402	01.01.2018	4	FRH	ASAT		020	60		31.12.2018	X		02-ASAT18		GLO-020
402	01.01.2018	4	FRH	ASAT		030			31.12.2018	X		02-ASAT18		GLO-030
402	01.01.2018	4	FRH	ASAT		035			31.12.2018	X		02-ASAT18		GLO-035
402	01.01.2018	4	FRH	ASAT		040			31.12.2018	X		02-ASAT18		GLO-040
402	01.01.2018	4	FRH	ASAT		050			31.12.2018	X		02-ASAT18		GLO-050
402	01.01.2018	4	FRH	ASAT		060			31.12.2018	X		02-ASAT18		GLO-060
402	01.01.2018	4	FRH	ASAT		070			31.12.2018	X		02-ASAT18		GLO-070
402	01.01.2018	4	FRH	ASAT		140			31.12.2018	X	028-6152			GLO-140
402	01.01.2018	4	FRH	ASAT		610			31.12.2018	X		02-ASAT18		GLO-610

Note: Configuration of patent item 140 is required for specific locations only. Configuration file for item 140 will therefore be prepared by Central R&D Controlling and send to specific locations for upload.

5.2.2. PS configuration file

Open file "PS Configuration.xlsx" and enter, for each item (line 2-12), your:

- (1) Controlling area in **column A** (e.g. 402 for Frankfurt HQ).
- (2) GLORIA location key in **column D** (e.g. FRH for Frankfurt).
- (3) GLORIA outlet key in **column E** (e.g. FNDH for Foundation).
- (4) GLORIA subdepartment key in **column F** (e.g. KP for KPL). **Only if needed/existing!**
Note: PS control table delivers results per outlet only even if subdep. was defined!
- (5) Profit center in **column O** (e.g. profit center 402028705 for FNDH).

- (6) Profit center in **column W** (e.g. **profit ctr. 402028705** f. FNDH). **ONLY LINE 7, 8 & 9 / ITEM 150, 155 & 230 !** Note: Profit center **must be equal** to profit center in column N !
- (7) Profit center in **column X** (e.g. **profit ctr. 402028705** f. FNDH). **ONLY LINE 9 / ITEM 230!** Note: Profit center **must be equal** to profit center in column N and V !
- (8) Profit center in **column Z** (e.g. **profit ctr. 402028705** f. FNDH). **ONLY LINE 9 / ITEM 230 !** Note: Profit center **must be equal** to profit center in column N, V and W !
- (9) Copy and paste **line 2 to 12** for configuration of further controlling areas, locations, outlets, subdepartments or profit centers (see example of PS Configuration file below) !

Note: Do not change cell/file format or add any other information to the configuration sheet!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
	Controlling Area	Valid From	Value Type	Location	Outlet	Subdepartment	Cost Item	Count	Valid To	Value category	Value class	Cost item	Sub project type	Business Area	Profit Center	%	hold sign	SAPOSOL destination	Read hour	CC Group	CC cat	Org check	EX_OCC	EX_OWBS	PS_Gaster	PS_Profr		
1	(1)	01.01.2018	4	(2)	(3)	(4)	090		31.12.2018	AC	2					0,00												
2		01.01.2018	4				090		31.12.2018	AC	2							0,00										
3		01.01.2018	4				100		31.12.2018	AC	2							0,00										
4		01.01.2018	4				105		31.12.2018	AC	2							0,00										
5		01.01.2018	4				107		31.12.2018	AC	5							0,00										
6		01.01.2018	4				108		31.12.2018	AC	11							0,00										
7		01.01.2018	4				110		31.12.2018	AC	5							0,00										
8		01.01.2018	4				150		31.12.2018	RPS-101	AC	1						0,00										
9		01.01.2018	4				155		31.12.2018	RPS-101	AC	1						0,00										
10		01.01.2018	4				230		31.12.2018	RPS-101	AC	1						0,00										
11		01.01.2018	4													0,00	X											

Example of PS Configuration file:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	Controlling Area	Valid From	Value Type	Location	Outlet	Subdepartment	Cost Item	Count	Valid To	Value category	Value class	Cost item	Sub project type	Business Area	Profit Center	%	hold sign	SAPOSOL destination	Read hour	CC Group	CC cat	Org check	EX_OCC	EX_OWBS	PS_Geber	PS_Profr
1	402	01.01.2018	4	FRH	ACTP		090		31.12.2018	AC	2				402028701	0,00		EPCL111								
2	402	01.01.2018	4	FRH	ACTP		100		31.12.2018	AC	2				402028701	0,00		EPCL111								
3	402	01.01.2018	4	FRH	ACTP		105		31.12.2018	AC	2				402028701	0,00		EPCL111								
4	402	01.01.2018	4	FRH	ACTP		107		31.12.2018	AC	2				402028701	0,00		EPCL111								
5	402	01.01.2018	4	FRH	ACTP		108		31.12.2018	AC	2				402028701	0,00		EPCL111								
6	402	01.01.2018	4	FRH	ACTP		110		31.12.2018	AC	2				402028701	0,00		EPCL111								
7	402	01.01.2018	4	FRH	ACTP		150		31.12.2018	RPS-101	AC	1			402028701	0,00		EPCL111	X					402028701		
8	402	01.01.2018	4	FRH	ACTP		155		31.12.2018	RPS-101	AC	1			402028701	0,00		EPCL111	X					402028701		
9	402	01.01.2018	4	FRH	ACTP		230		31.12.2018	RPS-101	AC	1			402028701	0,00	X	EPCL111	X					402028701	402028701	
10	402	01.01.2018	4	FRH	ACTP		090		31.12.2018	AC	2				402028701	0,00		EPCL111								
11	402	01.01.2018	4	FRH	ASAT		090		31.12.2018	AC	2				402028717	0,00		EPCL111								
12	402	01.01.2018	4	FRH	ASAT		100		31.12.2018	AC	2				402028717	0,00		EPCL111								
13	402	01.01.2018	4	FRH	ASAT		105		31.12.2018	AC	2				402028717	0,00		EPCL111								
14	402	01.01.2018	4	FRH	ASAT		107		31.12.2018	AC	2				402028717	0,00		EPCL111								
15	402	01.01.2018	4	FRH	ASAT		108		31.12.2018	AC	2				402028717	0,00		EPCL111								
16	402	01.01.2018	4	FRH	ASAT		110		31.12.2018	AC	2				402028717	0,00		EPCL111								
17	402	01.01.2018	4	FRH	ASAT		150		31.12.2018	RPS-101	AC	1			402028717	0,00		EPCL111	X					402028717		
18	402	01.01.2018	4	FRH	ASAT		155		31.12.2018	RPS-101	AC	1			402028717	0,00		EPCL111	X					402028717		
19	402	01.01.2018	4	FRH	ASAT		230		31.12.2018	RPS-101	AC	1			402028717	0,00	X	EPCL111	X					402028717	402028717	
20	402	01.01.2018	4	FRH	DRBR		090		31.12.2018	AC	2				402028703	0,00		EPCL111								
21	402	01.01.2018	4	FRH	DRBR		100		31.12.2018	AC	2				402028703	0,00		EPCL111								
22	402	01.01.2018	4	FRH	DRBR		105		31.12.2018	AC	2				402028703	0,00		EPCL111								
23	402	01.01.2018	4	FRH	DRBR		107		31.12.2018	AC	2				402028703	0,00		EPCL111								
24	402	01.01.2018	4	FRH	DRBR		108		31.12.2018	AC	2				402028703	0,00		EPCL111								
25	402	01.01.2018	4	FRH	DRBR		110		31.12.2018	AC	2				402028703	0,00		EPCL111								
26	402	01.01.2018	4	FRH	DRBR		150		31.12.2018	RPS-101	AC	1			402028703	0,00		EPCL111	X					402028703		
27	402	01.01.2018	4	FRH	DRBR		155		31.12.2018	RPS-101	AC	1			402028703	0,00		EPCL111	X					402028703		
28	402	01.01.2018	4	FRH	DRBR		230		31.12.2018	RPS-101	AC	1			402028703	0,00	X	EPCL111	X					402028703	402028703	
29	402	01.01.2018	4	FRH	DRBR		090		31.12.2018	AC	2				402028703	0,00		EPCL111								
30	402	01.01.2018	4	FRH	DRBR		100		31.12.2018	AC	2				402028703	0,00		EPCL111								
31	402	01.01.2018	4	FRH	DRBR		105		31.12.2018	AC	2				402028703	0,00		EPCL111								
32	402	01.01.2018	4	FRH	DRBR		107		31.12.2018	AC	2				402028703	0,00		EPCL111								
33	402	01.01.2018	4	FRH	DRBR		108		31.12.2018	AC	2				402028703	0,00		EPCL111								
34	402	01.01.2018	4	FRH	DRBR		110		31.12.2018	AC	2				402028703	0,00		EPCL111								

5.2.3. Accounts configuration file

Open file "Accounts Configuration.xlsx" and enter, for each item (line 2-23), your:

- (1) Controlling area & company code in **column A & B** (e.g. **402** for Frankfurt HQ).
- (2) GLORIA location key in **column E** (e.g. **FRH** for Frankfurt).
- (3) GLORIA outlet key in **column F** (e.g. **FNDH** for Foundation).
- (4) GLORIA subdepartment key in **column G** (e.g. **KP** for KPL). **Only if needed/existing!**
Note: Accounts control table delivers results per outlet only even if subdep. was defined!
- (5) Profit center in **column P** (e.g. **Profit Center 402028705** for FNDH).

(6) Copy and paste **line 2 to 17** for configuration of further controlling areas and company codes, Locations, outlets, subdepartments or profit centers (see example of Accounts Configuration file below) !

Note: Do not change cell/file format or add any other information to the configuration sheet !

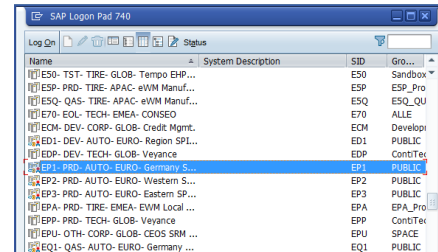
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Controlling Area	Company Code	Valid From	Value Type	Location	Outlet	Subdepartment	Cost_ITEM	Head_ITEM	Count	Valid To	Cost Element	CE_Group	%	Business Area	Profit Center
2	(1)		01.01.2018	4	(2)	(3)	(4)	170			31.12.2018		GLO-170	0,00		(5)
3			01.01.2018	4				180			31.12.2018		GLO-180	0,00		
4			01.01.2018	4				250			31.12.2018		GLO-250	0,00		
5			01.01.2018	4				260			31.12.2018		GLO-260	0,00		
6			01.01.2018	4				281			31.12.2018		GLO-281	0,00		
7			01.01.2018	4				282			31.12.2018		GLO-282	0,00		
8			01.01.2018	4				290			31.12.2018		GLO-290	0,00		
9			01.01.2018	4				320			31.12.2018		GLO-320	0,00		
10			01.01.2018	4				400			31.12.2018		GLO-400	0,00		
11			01.01.2018	4				500			31.12.2018		GLO-500	0,00		
12			01.01.2018	4				510			31.12.2018		GLO-510	0,00		
13			01.01.2018	4				520			31.12.2018		GLO-520	0,00		
14			01.01.2018	4				540			31.12.2018		GLO-540	0,00		
15			01.01.2018	4				550			31.12.2018		GLO-550	0,00		
16			01.01.2018	4				600			31.12.2018		GLO-600	0,00		
17			01.01.2018	4				601			31.12.2018		GLO-601	0,00		
18			01.01.2018	4				602			31.12.2018		GLO-602	0,00		
19			01.01.2018	4				603			31.12.2018		GLO-603	0,00		
20			01.01.2018	4				604			31.12.2018		GLO-604	0,00		
21			01.01.2018	4				605			31.12.2018		GLO-605	0,00		
22			01.01.2018	4				605		1	31.12.2018		GLO-605	0,00		
23			01.01.2018	4				810			31.12.2018		GLO-810	0,00		

Example of Accounts Configuration file:

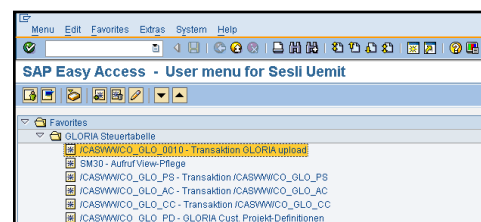
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
24	402	402	01.01.2018	4	FRH	ASAT		170			31.12.2018		GLO-170	0,00		402028717
25	402	402	01.01.2018	4	FRH	ASAT		180			31.12.2018		GLO-180	0,00		402028717
26	402	402	01.01.2018	4	FRH	ASAT		250			31.12.2018		GLO-250	0,00		402028717
27	402	402	01.01.2018	4	FRH	ASAT		260			31.12.2018		GLO-260	0,00		402028717
28	402	402	01.01.2018	4	FRH	ASAT		281			31.12.2018		GLO-281	0,00		402028717
29	402	402	01.01.2018	4	FRH	ASAT		282			31.12.2018		GLO-282	0,00		402028717
30	402	402	01.01.2018	4	FRH	ASAT		290			31.12.2018		GLO-290	0,00		402028717
31	402	402	01.01.2018	4	FRH	ASAT		320			31.12.2018		GLO-320	0,00		402028717
32	402	402	01.01.2018	4	FRH	ASAT		400			31.12.2018		GLO-400	0,00		402028717
33	402	402	01.01.2018	4	FRH	ASAT		500			31.12.2018		GLO-500	0,00		402028717
34	402	402	01.01.2018	4	FRH	ASAT		510			31.12.2018		GLO-510	0,00		402028717
35	402	402	01.01.2018	4	FRH	ASAT		520			31.12.2018		GLO-520	0,00		402028717
36	402	402	01.01.2018	4	FRH	ASAT		540			31.12.2018		GLO-540	0,00		402028717
37	402	402	01.01.2018	4	FRH	ASAT		550			31.12.2018		GLO-550	0,00		402028717
38	402	402	01.01.2018	4	FRH	ASAT		600			31.12.2018		GLO-600	0,00		402028717
39	402	402	01.01.2018	4	FRH	ASAT		601			31.12.2018		GLO-601	0,00		402028717
40	402	402	01.01.2018	4	FRH	ASAT		602			31.12.2018		GLO-602	0,00		402028717
41	402	402	01.01.2018	4	FRH	ASAT		603			31.12.2018		GLO-603	0,00		402028717
42	402	402	01.01.2018	4	FRH	ASAT		604			31.12.2018		GLO-604	0,00		402028717
43	402	402	01.01.2018	4	FRH	ASAT		605			31.12.2018		GLO-605	0,00		402028717
44	402	402	01.01.2018	4	FRH	ASAT		605		1	31.12.2018		GLO-605	0,00		402028717
45	402	402	01.01.2018	4	FRH	ASAT		810			31.12.2018		GLO-810	0,00		402028717
46	402	402	01.01.2018	4	FRH	DRBR		170			31.12.2018		GLO-170	0,00		402028703
47	402	402	01.01.2018	4	FRH	DRBR		180			31.12.2018		GLO-180	0,00		402028703
48	402	402	01.01.2018	4	FRH	DRBR		250			31.12.2018		GLO-250	0,00		402028703
49	402	402	01.01.2018	4	FRH	DRBR		260			31.12.2018		GLO-260	0,00		402028703
50	402	402	01.01.2018	4	FRH	DRBR		281			31.12.2018		GLO-281	0,00		402028703
51	402	402	01.01.2018	4	FRH	DRBR		282			31.12.2018		GLO-282	0,00		402028703
52	402	402	01.01.2018	4	FRH	DRBR		290			31.12.2018		GLO-290	0,00		402028703
53	402	402	01.01.2018	4	FRH	DRBR		320			31.12.2018		GLO-320	0,00		402028703
54	402	402	01.01.2018	4	FRH	DRBR		400			31.12.2018		GLO-400	0,00		402028703
55	402	402	01.01.2018	4	FRH	DRBR		500			31.12.2018		GLO-500	0,00		402028703
56	402	402	01.01.2018	4	FRH	DRBR		510			31.12.2018		GLO-510	0,00		402028703
57	402	402	01.01.2018	4	FRH	DRBR		520			31.12.2018		GLO-520	0,00		402028703
58	402	402	01.01.2018	4	FRH	DRBR		540			31.12.2018		GLO-540	0,00		402028703
59	402	402	01.01.2018	4	FRH	DRBR		550			31.12.2018		GLO-550	0,00		402028703
60	402	402	01.01.2018	4	FRH	DRBR		600			31.12.2018		GLO-600	0,00		402028703
61	402	402	01.01.2018	4	FRH	DRBR		601			31.12.2018		GLO-601	0,00		402028703
62	402	402	01.01.2018	4	FRH	DRBR		602			31.12.2018		GLO-602	0,00		402028703
63	402	402	01.01.2018	4	FRH	DRBR		603			31.12.2018		GLO-603	0,00		402028703
64	402	402	01.01.2018	4	FRH	DRBR		604			31.12.2018		GLO-604	0,00		402028703
65	402	402	01.01.2018	4	FRH	DRBR		605			31.12.2018		GLO-605	0,00		402028703
66	402	402	01.01.2018	4	FRH	DRBR		605		1	31.12.2018		GLO-605	0,00		402028703
67	402	402	01.01.2018	4	FRH	DRBR		810			31.12.2018		GLO-810	0,00		402028703

5.2.4. Configuration file upload

(1) Login to your local SAP R/3 System (e.g. EP1 for Frankfurt)



(2) Start transaction **/CASWW/CO_GLO_0010**



(3) Enter your data – **Layout type L5 starting 2018!**

Create GLORIA Upload File

Create data Show Customizing Change Customizing Change Cust.(Excel)

Data Handling for GLORIA Upload:

☐ Read Table /CASWW/CO_GLO_DB

☐ Update Table /CASWW/CO_GLO_DB - can be scheduled

☒ Read Online Data Low Performance, directly from CC, PS-System; Accounts

Selection-Parameters

Controlling Area: 402

Company Code: 402

Fiscal Year: 2018

Period: 1

Value Type: 4

Locations to be prepared: FRH to

Productline to be prepared: to

Parameters for List-Output:

Layout Type (for ITEM sort.): L5

(4) Select **“Change Cust.(Excel)”**

(pointed 1)

(5) Select **“Change Cust. Cost-**

Centers” for cost center configuration

(pointed 2)

(6) Select path of cost center

configuration file (pointed 3)

(7) Push execute button (pointed 4)

Program Edit Goto System Help

Create GLORIA Upload File

4 Create data Show Customizing Change Customizing **Change Cust.(Excel)** 1 Docu & Principles

Select Customizing tables Sources: Cost-Centrs; Accounts, GLOBAL-PS

☒ **Change Cust. Cost-Centers** 2

☐ Change Cust. Accounts

☐ Change Cust. Projects

Parameters for Customizing Input-File

Excel-File (.xlsx) C:\temp\Cust.xlsx 3

Ignore content to line: 1

(8) Check configuration (no error should appear) and then push “back” button

Log Display

Technical Information Help

Ty	Data_Source	COAr	CoCd	Valid From	Valid To	VT	Location	Outl	Subdepart	Cost_ITEM	Head_ITE	Cou	Message Text
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	ACTP KW		140			Excel-line: 21. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	ASAT		140			Excel-line: 32. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	DRB		140			Excel-line: 34. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	EBS AL		140			Excel-line: 44. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	ELCV		140			Excel-line: 66. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	EPBR		140			Excel-line: 76. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	FND PD		140			Excel-line: 107. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	HOS		140			Excel-line: 119. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	OSIS		140			Excel-line: 129. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	010	10			Excel-line: 267. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	015	20			Excel-line: 268. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	020	60			Excel-line: 269. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	030				Excel-line: 270. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	035				Excel-line: 271. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	040				Excel-line: 272. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	040		1		Excel-line: 273. Added / Updated in Table /CASWW/CO_GLO_CCI
Cost-Cent	402			01.01.2018	31.12.2018	4	FRH	SHS SA	050				Excel-line: 274. Added / Updated in Table /CASWW/CO_GLO_CCI

(9) Repeat steps 4 to 7 for upload of Accounts Config. file (select “Change Cust.Accounts” in step 4) and PS Configuration file (select “Change Cust.Projects” in step 4).

5.2.5. Project definitions

For the correct determination of project costs (see PS items in overview on page 27) it is important that project definitions in the control table are set. This can be done once a year or in advance for several years.

The project definitions were maintained centrally for all SAP systems until 2025, so (apart from new locations etc.) there is NO action needed from location responsible!!!

- (1) As above, login to your local SAP R/3 System (e.g. EP1 for Frankfurt)
- (2) Start transaction **/CASWW/CO_GLO_0010**
- (3) Select “Change Customizing” (Pointed 1)
- (4) Select “Relevant Project Definitions” (Pointed 2) and push execute button (Pointed 3)

Create GLORIA Upload File

3 Create data Show Customizing **Change Customizing** 1 Change C

Select Customizing tables Sources: Cost-Centrs; Accounts, GLOBAL-PS

☐ Change Cust. Cost-Centers
☐ Change Cust. Accounts
☐ Change Cust. Projects

General Customizing for GLORIA-Upload.tool

☐ Basic Customizing GLORIA
☒ **Relevant Projekt Definitions** 2

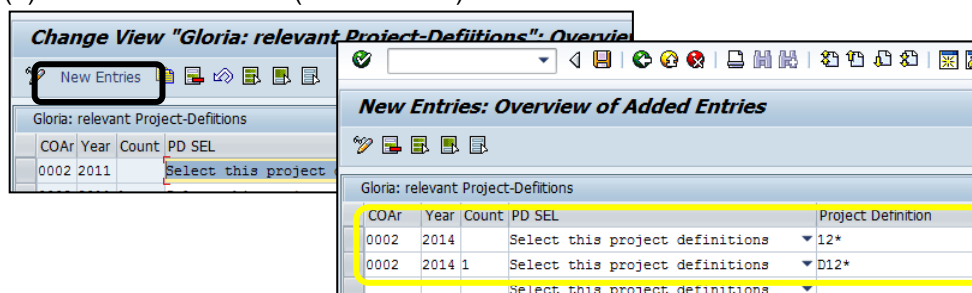
Customizing for item 283 thereof Governmental Grants

☐ Cust 'Govemm.Grants'

Release combinations for automated upload

☐ Cust 'Automated Upload'

(5) Select "New Entries" (black framed)



- (6) Enter: COAr (controlling area in which project definition is used),
 Year (fiscal year in which project definition is valid) → **Note that fiscal year for some former VDO systems is equal current year +1 (e.g. for NZP fiscal year = 2017+1=2018)**
 PD SEL (choose always: "Select this project definitions"),
 Project Definition (enter according to your local PS system, e.g. DFRH*, etc.)
 Note: By using the **count** column more than one project definition can be defined for a specific year (example above shows "12*" and "D12*" for 2014) !

NOTE: Once all configuration files are uploaded and project definitions are set, control table is ready for use (see more details in next chapter) !

5.2.6. Use of control table for month end closing

- (1) As above, login to your local SAP R/3 System (e.g. EP1 for Frankfurt)
- (2) Start transaction **/CASWW/CO_GLO_0010**
- (3) Select **"Create data"**
- (4) Keep **"Read Online Data"**
- (5) Enter **"Controlling Area", "Company Code", "Fiscal Year" and "(SAP)-Period"**
- (6) Keep Value Type **"4"** for Actual (black framed; set by default)
- (7) Enter **"Locations to be prepared"** (**Mandatory! Always enter one GLORIA location !**) and **"Productline to be prepared"** (**Mandatory! Enter GLORIA productline you are responsible for! Multiple selection possible !**) (black framed)
- (8) Use Layout Type **"L5"** starting 2018
- (9) Keep **"Read PS-Info-Database?"** and **"Orgs from/CAS/WW_PS_Tables?"**
- (10) Push Execute button

Create GLORIA Upload File

Create data Show Customizing Change Customizing Change Cust.(Excel)

Data Handling for GLORIA Upload:

☐ Read Table /CASWW/CO_GLO_DB

☐ Update Table /CASWW/CO_GLO_DB - can be scheduled

☒ Read Online Data Low Performance, directly from CC, PS-System; Accounts

Selection-Parameters

Controlling Area: 402

Company Code: 402

Fiscal Year: 2018

Period: 1

Value Type: 4

Locations to be prepared: FRH to

Productline to be prepared: to

Parameters for List-Output:

Layout Type (for ITEM sort.): 1.5

Special Control Parameter

☒ Read PS-Info-Database?

☒ Orgs from /CASWW/_PS_Tables?

Parameters for Output File

Path / Filename: C:\TEMP\TEST.XLSX

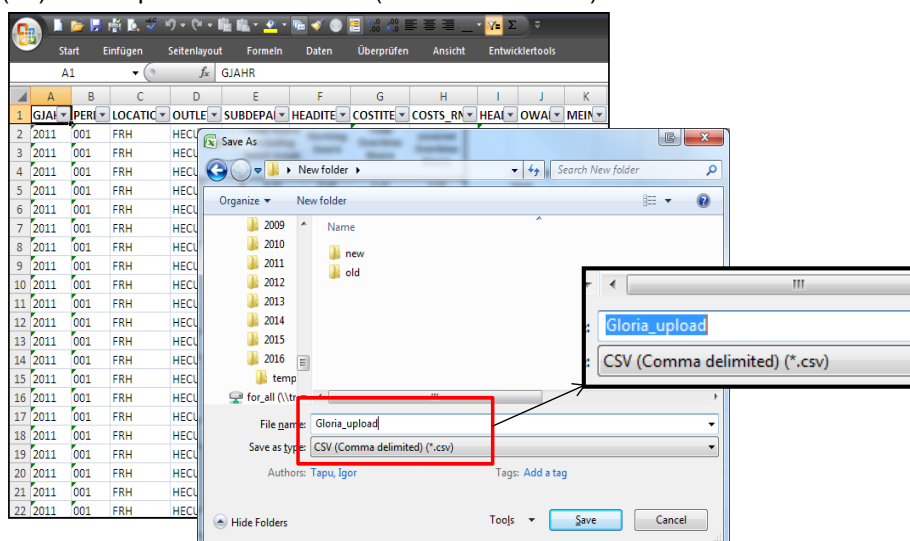
(11) Push "Create DL-File" button

Create GLORIA Upload File

Continental

VT	Location	Outlet	S.	Cos.	Text CI	Year	Per	LA	LA	z	Costs	Costs-Rnd	ObCur	H	z	Heads	UM	Created on	User Name
4	FRH	HECU	AL	010	COMPENSATION	2011	1	L2	001		2.453.625,35-	2.453.625-	EUR	10		303,000			
4	FRH	HECU	AL	015	THEREOF COMPENSATION FOR LEAS	2011	1	L2	002		91.095,15-	91.095-	EUR	20		28,000			
4	FRH	HECU	AL	020	EXTERNAL SERVICES COST-CENTER	2011	1	L2	003		57.492,05-	57.492-	EUR						
4	FRH	HECU	AL	030	DEPRECIATIONS	2011	1	L2	004		89.379,60-	89.380-	EUR						
4	FRH	HECU	AL	035	TRAVEL IN COST-CENTERS	2011	1	L2	005		16.171,23-	16.171-	EUR						
4	FRH	HECU	AL	040	OTHER PRIMARY COSTS	2011	1	L2	006		227.328,19-	227.328-	EUR						
4	FRH	HECU	DA	010	COMPENSATION	2011	1	L2	001		4.028.492,57-	4.028.493-	EUR	10		503,000			
4	FRH	HECU	DA	015	THEREOF COMPENSATION FOR LEAS	2011	1	L2	002		0,00		EUR	20		29,000			
4	FRH	HECU	DA	020	EXTERNAL SERVICES COST-CENTER	2011	1	L2	003		81.479,17-	81.479-	EUR						

(12) Save upload sheet as CSV(Comma delimited) file



(13) Login to CBW, run GLORIA, start upload transaction and follow steps below

4. Start upload transaction.

SAP Easy Access - User menu for Ümit Sesi

- Electronic Project Profitability Tracking (ePPT)
- RMK: Start the Business Explorer Analyst
- GLORIA R&D Cost Reporting
 - Data Input
 - ICASWWOLO_N1 - Actual Data Input New (GLOACTN1)
 - ICASWWOLO_N2 - Budget Data Input New (GLOBUDNT)
 - ICASWWOLO_N3 - Strat Plan Data Input New (GLOSTRN1)
 - ICASWWOLO_N4 - Forecast Data Input New (GLOFORN1)
 - ICASWWOLO_U1 - Upload File to GLORIA**

GLO: Upload Data File into Cube SEMGLO99

Selection Parameters for Upload to GLORIA

Fiscal Period: 004.2018
Upload for Location: FRH

Selections for File-Upload

Input File: Z:\11_Entwicklungscontrolling\07_GLORIA\Anderu...
Delimiter in the file: ;

1. Enter period !
2. Select location !
3. Select path !
4. Enter delimiter (e.g. semicolon, comma, etc.) as defined in the upload file ! See screenshot
5. Push Execute button !
Note: Before pushing execute ensure that upload file is not open ! Error will appear otherwise !

Error log will appear. Here you can see which lines have not passed the formal check and will not be transferred ! Please check if further upload makes sense or if other activities needs to be done to solve problems indicated in the error list. In case of no errors, log file will be shown empty !

Log Display

Type	Fiscal year	Posting pe	Location	Segment	Sub-Depart	Head Item	Cost Item	CI Text	Costs	Headst	Currency	Unit of Me	Message Text
	2010		4 FRH	ACTP	xx		100		108.00	0.000	EUR		Subdepartment xx does not exist. Will be removed from file

5. Push Back button !

Upload list will appear. Here you can see all lines which have passed the formal check.

GLO: Upload Data File into Cube SEMGLO99

File	File	Line	Line	Cost	Costs	Headst	Currency	Unit
2010	4 FRHACTP	10		100.00	EUR			
2010	4 FRHACTP	15		101.00	EUR			
2010	4 FRHACTP	20		102.00	EUR			
2010	4 FRHACTP	25		103.00	EUR			
2010	4 FRHACTP	30		104.00	EUR			
2010	4 FRHACTP	35		105.00	EUR			
2010	4 FRHACTP	40		106.00	EUR			
2010	4 FRHACTP	45		107.00	EUR			
2010	4 FRHACTP	50		108.00	EUR			
2010	4 FRHACTP	55		109.00	EUR			
2010	4 FRHACTP	60		110.00	EUR			
2010	4 FRHACTP	65		111.00	EUR			
2010	4 FRHACTP	70		112.00	EUR			
2010	4 FRHACTP	75		113.00	EUR			
2010	4 FRHACTP	80		114.00	EUR			
2010	4 FRHACTP	85		115.00	EUR			
2010	4 FRHACTP	90		116.00	EUR			
2010	4 FRHACTP	95		117.00	EUR			
2010	4 FRHACTP	100		118.00	EUR			
2010	4 FRHACTP	105		119.00	EUR			
2010	4 FRHACTP	110		120.00	EUR			
2010	4 FRHACTP	115		121.00	EUR			
2010	4 FRHACTP	120		122.00	EUR			
2010	4 FRHACTP	125		123.00	EUR			
2010	4 FRHACTP	130		124.00	EUR			

6. Push Upload GLORIA button !

7. Push Protocol button to check upload results!

GLO: Upload Data File into Cube SEMGLO99

Message Class: M Message Text: 201 Planning function GLOUPACT1 (GLORIA Upload Actuals), parameter group GLOUPACT1 (GLORIA Upload Actuals) was carried out with no error. 224 1110 data records were read, 0 of them were changed, 0 generated.

Note: Corrections can be made by a new upload. Please ensure that values of not to be corrected items remains unchanged on the upload sheet!

Alternatively, not to be corrected items can be deleted from the upload sheet! In case of no item upload is possible, please contact the GLORIA Administrator in order to get authorization to the upload interface !

Regarding step (7), it is very important that you choose the productlines which you are responsible for only ! Otherwise it may happen that GLORIA values from other productlines gets overwritten through the upload described in step (13) !

5.2.7. Yearly maintenance of control table

I. Update of Configuration files

An overlap of validity dates for the configuration of any GLORIA cost item has to be avoided in the control table (see example below). Otherwise, costs in control table are shown twice for this item. Limitation of validity to a calendar year (e.g. 01.01.2018 to 31.12.2018) is therefore mandatory in the control table for any GLORIA head & cost item configuration.

Customizing Cost-Centers

COAr	Valid From	V	Loc.	Outlet	S	Cos.	H	C.	Valid To	D	Cost Center	CC_Group	Cost Elem.	CE_Group	D Partner_CC	CC_Gr_PartnerCC	StatKF
0002	01.01.2013	4	FRH	WSS	010	10			31.12.2013	X		02-WSS13		GLO-010			
0002	01.01.2013	4	FRH	WSS	015	20			31.12.2013	X		02-WSS13		GLO-015			ILE
0002	01.01.2013	4	FRH	WSS	020				31.12.2013	X		02-WSS13		GLO-020			
0002	01.01.2013	4	FRH	WSS	030				31.12.2013	X		02-WSS13		GLO-030			
0002	01.07.2013	4	FRH	WSS	030				31.03.2014	X	02-8040			GLO-030			

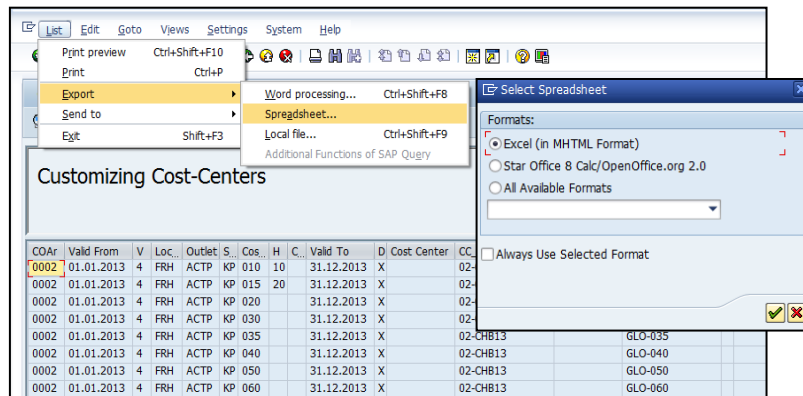
Due to the reasons above, yearly maintenance of control table is required as follows:

EXCEPTION: due to new items starting 2018, please use (at least for accounts configuration) the new templates provided!

- (1) As above, login to your local SAP R/3 System (e.g. EP1 for Frankfurt)
- (2) Select **"Show Customizing"**
- (3) Start transaction **/CASWW/CO_GLO_0010** and enter your relevant data (black framed)
Enter **"Locations to be displayed"** (**Mandatory!** Always enter **one GLORIA location !**) and **"Productline to be displayed"** (**Mandatory!** Enter GLORIA productline you are responsible for! Multiple selection possible !)

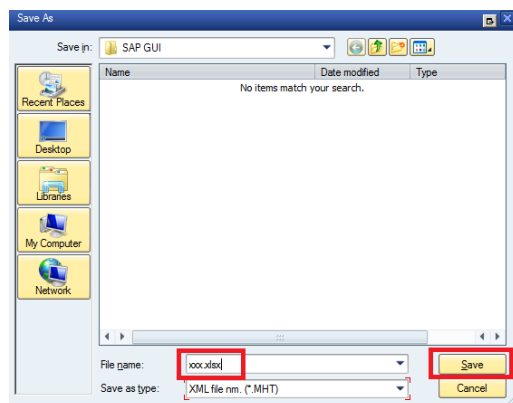
- (4) Select tables to be customized, e.g. **"Change Cust. Cost-Centers"**
- (5) Select / check **"Adapt layout for Excel Up/DL?"** (yellow framed)
- (7) Push Execute button

- (8) Save output list by selecting **List/Export/Spreadsheet, “Excel (in MHTML FORMAT)”** and pushing continue button



- (9) Save output list as excel file (xxx.xlsx)

➔ **Note: Very important, otherwise it cannot be used for re-upload !**



- (10) Open saved excel file (xxx.xlsx) and change date in column “Valid From” & “Valid to” to next calendar year.

➔ **Note: Further changes / updates can be made if necessary (e.g. cost center, cc-group) !**

Controlling A	B	C	D	E	F	G	H	I	J
Valid From	Value Ty	Locati	Outl	Subdepartme	Cost ITE	Head ITE	Cou	Valid To	Dur
01.01.2018	4	FRH	ACTP	KP	010	10		31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	015	20		31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	020	60		31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	030			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	035			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	040			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	050			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	060			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	070			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	080			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	090			31.12.2018	X
01.01.2018	4	FRH	ACTP	KP	100			31.12.2018	X

Controlling A	B	C	D	E	F	G	H	I	J
Valid From	Value Ty	Locati	Outl	Subdepartme	Cost ITE	Head ITE	Cou	Valid To	Dur
01.01.2019	4	FRH	ACTP	KP	010	10		31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	015	20		31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	020	60		31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	030			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	035			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	040			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	050			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	060			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	070			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	080			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	090			31.12.2019	X
01.01.2019	4	FRH	ACTP	KP	100			31.12.2019	X

- (11) Save and re-upload file as described in chapter 5.2.4. “Upload configuration files”

- (12) Repeat steps 3 to 11 for customizing of Accounts (select “Custom. for Accounts” in step 3) and PS (select “Custom. for GLOBAL-PS” in step 3).

5.2.8. Configuration of item 115 Prototype Cost (Out)

Configuration of item 115 as shown below is to be made only in the following specific case:

- A prototype shop cost center is existing and located in SAP cost center group (TOTCC Hierarchy) **within R&D node and**
- Existing prototype shop cost center is writing hours to prototype wbs elements (internal, external, ICO) in the same outlet.

Open file “115 Prototype Cost Out Configuration (CC).xlsx” and enter your:

- (1) Controlling area in **column A** (e.g. **402** for Frankfurt HQ).
- (2) GLORIA location key in **column D** (e.g. **FRH** for Frankfurt).
- (3) GLORIA outlet key in **column E** (e.g. **FNDH** for Foundation).
- (4) GLORIA subdepartment key in **column F** (e.g. **KP** for KPL). **Only if needed/existing !**
- (5) Prototype cost center in **column L** (e.g. **028-6600**) **or** cost center group (e.g. **02-CVR2018**) in **column M** based on own created cost center hierarchy or on standard XX-TOTCC hierarchy

Note: Do not change cell/file format or add any other information to the configuration sheet !

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Controlling Area	Valid From	Value Type	Location	Outlet	Subdepartment	Cost_ITEM	Head_ITEM	Count	Valid To	Dummy_pos	Cost Center	CC_Group	Cost Element
2	(1)	01.01.2018 4		(2)	(3)	(4)	115			31.12.2018 X		(5)		S99122

Continue with upload of configuration file like shown in chapter “5.2.4. Configuration file upload” for cost center configuration.

6. GLORIA Timing & Due Dates

Monthly due dates:

- U - 8** Last FC copied forward into new period
- U - 8** Period open for data input (Actual, FC)
- U - 2** Due date FC data input for locations (unless other BU specific timing is communicated!)
- U + 6** Due date FC data input for BU HQs
- U + 6** Due date Actual data input for all locations and HQs!
- F - 1** Period closed for Actual and FC data input

U	Ultimo = Last working day in the month
F	Divisional FC-Meeting (e.g. for C&S ≈ 9th working day of the month = U+9)
Time	All given due dates apply 9.00 AM Central European (Summer) Time / CE(S)T

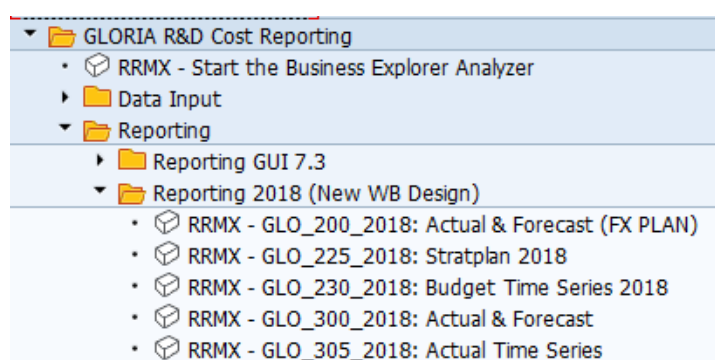
Note: Time schedule for Budget will be communicated separately !

7. GLORIA Standard Reports

GLORIA includes the following BEx standard reports:

Report No.	Report Name	Definition
GLO_200	BEx Analysis Act.&FC (FX Plan)	Overview of Actual and FC vs. Plan for one selected period. Calculated with FAS & LCE F/X rate.*
GLO_225	BEx Analysis Stratplan	Overview of Plan year and the following four Strat.Plan years.
GLO_230	BEx Analysis Time Series Budget	Overview of Plan year in total and per period (time series).
GLO_300	BEx Analysis Actual & Forecast	Overview of Actual and FC vs. Plan for one selected period. Calculated with FAS F/X rate according to FIRE.*
GLO_305	BEx Analysis Actual Time Series	Overview of Actual per period (time series) and Actual YTD vs. Plan.*

Reports as of 2018 are located in the following folder:



Reports are selected as follows:

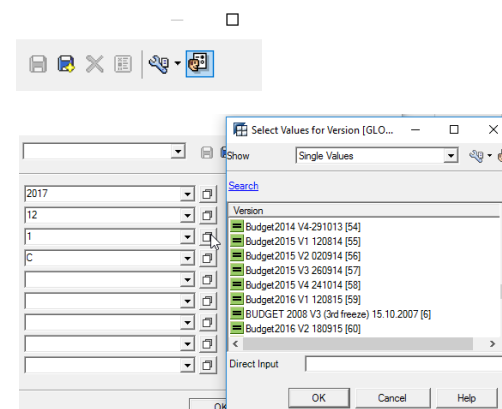
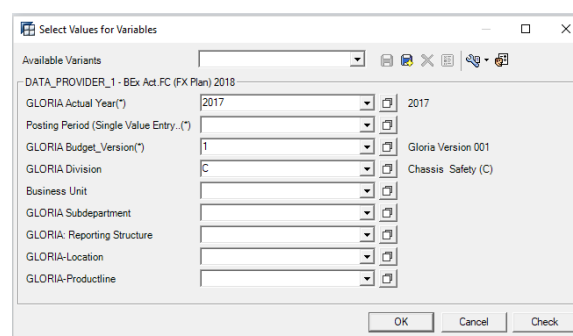
1. Enter year to be reported
2. Enter period to be reported

No need to select Division/Location/Productline – already pre-set based on authorization.

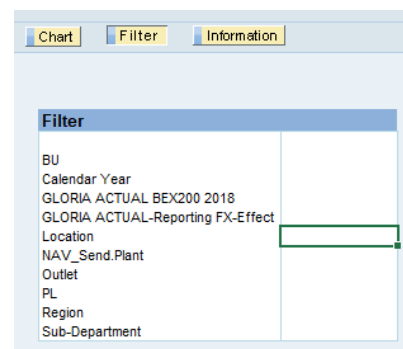
Personal preferences can be saved by using the "Personalize Variables"-button.

3. Enter version to be reported
(always "1", except already frozen Budget versions have to be reported – then select version via the "select values" button)

4. Press "OK" to start the report



Further selections can be made in the report (standard BEx-Analyzer functions) by using the filter criteria (right mouse click in one of the white boxes):



Note: Depending on chosen report selection criteria may differ.

Difference between GLO-200 and GLO-300 / 305 is the FX conversion. See tables on next two pages for more details:

GLO-200	Actual calculated as follows	FC calculated as follows
Total Compensation	Actual / LCE rate	FC / LCE rate
thereof Compensation for Leasing	Actual / LCE rate	FC / LCE rate
External Services on Cost Centers	Actual / LCE rate	FC / LCE rate
Depreciation	Actual / LCE rate	FC / LCE rate
Travel on Cost Center	Actual / LCE rate	FC / LCE rate
Other Primary Costs on Cost Centers	Actual / LCE rate	FC / LCE rate
Total Primary Costs on Cost Center	Actual / LCE rate	FC / LCE rate
IT	Actual / LCE rate	FC / LCE rate
Facility	Actual / LCE rate	FC / LCE rate
Other Secondary Costs on Cost Center	Actual / LCE rate	FC / LCE rate
Total Secondary Costs on Cost Center	Actual / LCE rate	FC / LCE rate
Total Costs on Cost Center	Actual / LCE rate	FC / LCE rate
External Services on Project	Actual / LCE rate	FC / LCE rate
Travel on Projects	Actual / LCE rate	FC / LCE rate
Internal Prototype Cost	Actual / LCE rate	FC / LCE rate
External Prototype Cost	Actual / LCE rate	FC / LCE rate
ICO Prototype Cost	Actual / LCE rate	FC / LCE rate
ICO Prototype Income	Actual / LCE rate	FC / LCE rate
Other Project Specific Costs	Actual / LCE rate	FC / LCE rate
Total Project Specific Costs	Actual / LCE rate	FC / LCE rate
Prototype Cost (Out)	Actual / LCE rate	FC / LCE rate
Total Engineering Cost	Actual / LCE rate	FC / LCE rate
thereof External Services	Actual / LCE rate	FC / LCE rate
Central Engineering S&T (In)	Actual / LCE rate	FC / LCE rate
Patent Department (In)	Actual / LCE rate	FC / LCE rate
Transfer Hour Recording (In)	Actual / LCE rate	FC / LCE rate
thereof Internal Quality Labs	Actual / LCE rate	FC / LCE rate
Segment Clearing (In)	Actual / LCE rate	FC / LCE rate
Internal Transfers CES / EB (In)	Actual / LCE rate	FC / LCE rate
Other Transfers (In)	Actual / LCE rate	FC / LCE rate
Total External Transfer (In)	Actual / LCE rate	FC / LCE rate
Central Engineering S&T (Out)	Actual / LCE rate	FC / LCE rate
Patent Department (Out)	Actual / LCE rate	FC / LCE rate
Transfer Hour Recording (Out)	Actual / LCE rate	FC / LCE rate
Segment Clearing (Out)	Actual / LCE rate	FC / LCE rate
Internal Transfers CES / EB (Out)	Actual / LCE rate	FC / LCE rate
Other Transfers (Out)	Actual / LCE rate	FC / LCE rate
Total External Transfers (Out)	Actual / LCE rate	FC / LCE rate
Capitalization IAS 38	Actual / LCE rate	FC / LCE rate
Task	Actual / LCE rate	FC / LCE rate
Primary R,D&E Costs w/o WIP impact	Actual / LCE rate	FC / LCE rate
Work in progress R,D&E Addition	Actual / LCE rate	FC / LCE rate
Work in progress R,D&E Release	Actual / LCE rate	FC / LCE rate
Total Work in Progress Impact	Actual / LCE rate	FC / LCE rate
Primary R,D&E Costs (FIRE)	Actual / LCE rate	FC / LCE rate
thereof CC Imbalance	Actual / LCE rate	FC / LCE rate
Variance to Primary Costs FIRE	Actual / LCE rate	FC / LCE rate
Development Reimburse. (valid until YE2017)	Actual / LCE rate	FC / LCE rate
thereof Grants (valid until YE2017)	Actual / LCE rate	FC / LCE rate
Governmental Grants	Actual / LCE rate	FC / LCE rate
Governmental Grants Transfers	Actual / LCE rate	FC / LCE rate
Governmental Grants for R,D&E (FIRE)	Actual / LCE rate	FC / LCE rate

R,D&E Licence Expenses (FIRE)	Actual / LCE rate	FC / LCE rate
R,D&E Licence Income (FIRE)	Actual / LCE rate	FC / LCE rate
Total R,D&E Costs (Net)	Actual / LCE rate	FC / LCE rate
F/X-Impact	(Total R,D&E Costs (Net) incl. F/X-Impact) - (Total R,D&E Costs (Net))	(Total R,D&E Costs (Net) incl. F/X-Impact) - (Total R,D&E Costs (Net))
Total R,D&E Costs (Net) incl. FX Impact	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Allocation (In)	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Allocation (Out)	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E prior year	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Expenses (FIRE)	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Expenses w/o WIP Impact	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Development Reimburs. (w/o Governm. Grants)	Actual / LCE rate	FC / LCE rate
thereof Work in Progress Deviation	Actual / LCE rate	FC / LCE rate
Prototype Reimbursements	Actual / LCE rate	FC / LCE rate
Reimbursement Transfers	Actual / LCE rate	FC / LCE rate
Reimbursements (FIRE)	Actual / LCE rate	FC / LCE rate
R,D&E Expenses incl. Reimburs. (FIRE report)	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Exp. incl. Reimb. (FIRE report) w/o WIP Impact	(YTD actual month / FAS rate actual month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month

LCE rate = Budget rate
FAS rate = Average rate

GLO-300 / 305	Actual calculated as follows	FC calculated as follows
Total Compensation	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof Compensation for Leasing	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
External Services on Cost Centers	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Depreciation	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Travel on Cost Center	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Other Primary Costs on Cost Centers	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Primary Costs on Cost Center	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
IT	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Facility	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Other Secondary Costs on Cost Center	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Secondary Costs on Cost Center	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Costs on Cost Center	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
External Services on Project	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Travel on Projects	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Internal Prototype Cost	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
External Prototype Cost	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
ICO Prototype Cost	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
ICO Prototype Income / Revenues	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Other Project Specific Costs	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Project Specific Costs	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Prototype Cost (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Engineering Cost	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof External Services	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Central Engineering S&T (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Patent Department (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Transfer Hour Recording (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month

thereof Internal Quality Labs	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Segment Clearing (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Internal Transfers CES / EB (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Other Transfers (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total External Transfer (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Central Engineering S&T (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Patent Department (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Transfer Hour Recording (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Segment Clearing (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Internal Transfers CES / EB (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Other Transfers (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total External Transfers (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Capitalization IAS 38	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Task	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Primary R,D&E Costs w/o WIP impact	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Work in progress R,D&E Addition	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Work in progress R,D&E Release	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total Work in Progress Impact	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Primary R,D&E Costs (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof CC Imbalance	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Variance to Primary Costs FIRE	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Variance to Primary Costs SAP	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Development Reimburse. (valid until YE2017)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof Grants (valid until YE2017)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Governmental Grants	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Governmental Grants Transfers	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month

Governmental Grants for R,D&E (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Licence Expenses (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Licence Income (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Total R,D&E Costs (Net)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof F/X-Impact	((Total R,D&E Costs Net YTD act. month / FAS rate act. month) - (Total R,D&E Costs Net YTD prev. month / FAS rate prev. month)) - ((Total R,D&E Costs Net YTD act. month / LCE rate) - (Total R,D&E Costs Net YTD prev. month / LCE rate))	(Total R,D&E Costs (Net) / FAS rate actual month) - (Total R,D&E Costs (Net) / LCE rate)
R,D&E Allocation (In)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Allocation (Out)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E prior year	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Expenses (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Expenses w/o WIP Impact	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Development Reimbursem. (w/o Governm. Grants)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
thereof Work in Progress Deviation	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Prototype Reimbursements	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Reimbursement Transfers	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
Reimbursements (FIRE)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Expenses incl. Reimbursem. (FIRE report)	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month
R,D&E Exp. incl. Reimb. (FIRE report) w/o WIP Impact	(YTD act. month / FAS rate act. month) - (YTD prev. month / FAS rate prev. month)	FC / FAS rate actual month

LCE rate = Budget rate
 FAS rate = Average rate

8. GLORIA Item Definition

No.	GLORIA Item	Definition
HEAD ITEMS		
10	Heads R,D&E	Includes all R&D cost center headcount (incl. leased employees and working students). But no allocated headcount !
20	thereof Leased Employees	Employees of other companies outside the corporation engaged by a corporate company within the framework of a personnel-leasing agreement (leasing personnel). Is a sub-group of Heads R,D&E (thereof) !
60	thereof Working Students	Working students, interns or related contracts. Is a sub-group of Heads R,D&E (thereof) !
COST ITEMS		
10	Total Compensation	Salaries, fringes, social benefits, employee accruals and expatriates expenses for internal and leased R&D heads.
15	thereof Compensation for Leasing	According to the definition above, but here especially for leased employees. Is a fraction of Total Compensation (thereof).
20	External Services on Cost Center	All NON -Project related External Service Cost. External services are expenses for activities of outside persons doing development or related activities: "Outside persons" are persons neither having a Continental contract nor a manpower supply (leasing) contract. "Development or related activity" are activities usually done by Continental R&D personnel (including R&D administration) or activity done by related non-R&D departments directly ordered by R&D departments (e.g. laboratories ...). "Usually done" means, activity could be done internally either instantly (category 1) or after set-up of respective R&D department (category 2) if manpower was available. External NON -R&D service (category 3) <u>must not</u> be shown in this data item but in "Other Primary Costs on cost center" or "Other project specific cost", Non-R&D service are for example consulting activity, office construction, security patrols, ...! Furthermore, external Services <u>does not include</u> R&D costs of R&D activities done by e.g. other segments / outlets within the Business Unit (BU), within the division or within Continental Automotive including Continental Engineering Services (CES).
30	Depreciation	Depreciation of equipment used for development activities (e.g. test benches).
35	Travel on Cost Center	All NON -Project related travel costs for R&D headcount.
40	Other Primary Costs on Cost Center	All other primary costs on cost centers which are not explicitly shown in one of the items above (e.g. tools, office material, office equipment, business learning). All costs for prototypes (materials) have to be booked on R&D projects.
50	IT	Locally allocated IT costs distributed using an allocation key.
60	Facility	Rental fee or financing costs for buildings, maintenance of buildings, infrastructure costs, electricity and heating costs.
70	Other Secondary Costs on Cost Center	Site Services and all other cost center transfers which are not facility or IT-costs (e.g. medical service, canteen).
80	External Services on Project	All project related external R&D services (see description of line item 20).
90	Travel on Projects	All project related travel costs for R&D headcount.
100	Internal Prototypes	Internal prototypes are prototypes used for own development and testing purpose. They are not shipped or sold to external customers. Internal prototypes can be used in the location where they are constructed or they can be shipped to and used by other Continental location as long as there is no invoicing. Production plants which are delivering raw materials, semi finished goods or finished goods for the purpose of prototype construction are not considered as prototype construction location.
105	External Prototypes Costs	External prototypes are prototypes shipped and sold to external companies. They can be shipped and sold from the location where they are constructed (prototype construction location) or they can be shipped to other Continental locations and afterwards sold to external customers as long as there is no invoicing. Production plants which are delivering raw materials, semi finished goods or finished goods for the purpose of prototype construction are not considered as prototype construction location.
107	ICO Prototype Cost	ICO prototypes are prototypes which are shipped and sold incl. invoicing to other Continental companies . The prototype category in the receiving location can be internal or external . Production plants which are delivering raw materials, semi finished goods or finished goods for the purpose of prototype construction are not considered as prototype construction location.
108	ICO Prototype Income / Revenues	Payments from other Continental companies for ICO Prototypes.
110	Other Project Specific Costs	All other primary costs booked directly on projects which are not explicitly shown above (e.g. car transportation).
115	Prototype Cost (Out)	Costs following hour recording of prototype cost centers, located in SAP cost center group (TOTCC Hierarchy) within R&D node , to prototype wbs elements (internal, external, ICO) in

No.	GLORIA Item	Definition
		the same outlet. ITEM TO BE USED ONLY IN THIS SPECIFIC CASE !!
500	Central Engineering S&T (In)	Costs transferred IN from Central Automotive Engineering or Central Division Engineering department (S&T).
140	Patent Department (In)	Costs transferred IN from patent department.
150	Transfer Hour Recording (In)	Costs following hour recording from cost centers of other segments to own projects.
155	Thereof Internal Quality Labs	Costs following hour recording from quality lab cost centers. Is a fraction of Transfer Hour Recording (In).
520	Segment Clearing (In)	Costs transfer IN following the centrally initiated quarterly PS segment clearing process.
530	Internal Transfers CES / EB (In)	Project related cost transfer IN of all Continental R&D Service Departments which do not participate in the integrated Global PS hour recording process (e.g. CES, EB). Related cost item in Global PS: "Transfers & Internal Services".
170	Other Transfers (In)	All other transfer IN which are not connected to cost centers or projects and are not explicitly shown in one of the items above (e.g. cost transfers between locations in preparation for R&D cost capitalization).
540	Central Engineering S&T (Out)	Costs transferred OUT from Central Automotive Engineering or Central Division Engineering department (S&T)
545	Patent Department (Out)	Costs transferred out of the IP cost centers to outlets.
230	Transfer Hour Recording (Out)	Costs following hour recording of own cost centers to projects of other segments.
550	Segment Clearing (Out)	Costs transfer OUT following the centrally initiated quarterly PS Segment Clearing Process.
560	Internal Transfers CES /EB (Out)	Project related cost transfer OUT to be used only by Continental R&D Service Departments which do not participate in the integrated Global PS hour recording process (e.g. CES, EB).
250	Other Transfers (Out)	All other transfer OUT which are not connected to cost centers or projects and are not explicitly shown in one of the items above (e.g. cost transfers between locations in preparation for R&D cost capitalization).
400	Capitalization IAS 38	Capitalization of R&D expenditures (credit) following the Continental regulations.
255	Task	Cost targets are shown in this item as virtual income.
600	Work in progress R,D&E Addition	Addition of WIP to Balance Sheet account
601	Work in progress R,D&E Release	Release of WIP from Balance Sheet account
610	thereof CC Imbalance	Cost center costs (primary & secondary) which are not charged to projects via hour recording. Is a fraction of total cost center costs (thereof).
602	Governmental Grants	Governmental grants received for both Base and Application R&D efforts.
603	Governmental Grants Transfers	Transfer of Governmental Grants received from Central Engineering (S&T) outlet not reported in FIRE to outlets reported in FIRE.
180	R,D&E Licence Expenses	License fees paid to external companies for the right of using their patents. Value as reported in FIRE.
260	R,D&E Licence Income	License fees paid by external companies for the right of using Continental patents. Value as reported in FIRE.
320	R,D&E Allocation (In)	Allocation accounts/items in SAP, FIRE and GLORIA are exclusively reserved for booking and reporting of R&D plant allocation (Brakes & Chassis Pooling, Electronic Pooling, ...). Value as reported in FIRE.
290	R,D&E Allocation (Out)	Allocation accounts/items in SAP, FIRE and GLORIA are exclusively reserved for booking and reporting of R&D plant allocation (Brakes & Chassis Pooling, Electronic Pooling, ...). Value as reported in FIRE.
810	R,D&E Prior Year	Contains all adjustments related to the prior year. R&D Plant allocation is the major reason for adjustment bookings. Please refer also to the respective regulations for R&D plant allocation! Also other corrections related to the prior year have to be booked on the respective accounts and be reported in this GLORIA item. Value as reported in FIRE.
604	Development Reimbursements (w/o Governm. Grants)	Reimbursements from customers or suppliers for both Base and Application R&D efforts.
605	thereof Work in Progress Deviation	Development Reimbursements minus release of WIP
281	Prototype Reimbursements	Payments from external customers for prototypes.
282	Reimbursement Transfers	Transfer of reimbursements received from Central Engineering (S&T) outlet not reported in FIRE to outlets reported in FIRE.

9. Mapping GLORIA Items to SAP R/3 and FIRE

[illegible]

No.	GLORIA Item	SAP				FIRE Item
		Accounts / Cost Element Groups / Cost Types / Category within PS	Cost Center	PS	SAP Account	
		S87231 ZE Personnel & Social	X			
		S87413 OP Production Management	X			
		S87431 OP Personnel & Social	X			
		S87561 Site Assess. F,G&A General	X			
		S87563 Site Assess. F,G&A HR	X			
		S87510 Site Assess. Production	X			
		S87540 Site Assess. Research & Development	X			
		S87511 Site Assess. Production Quality	X			
		S87521 Site Assess. Material Management Quality	X			
		S87550 Site Assess. Sales	X			
		S87551 Site Assess. Sales Marketing	X			
		S87552 Site Assess. Sales Communication	X			
		S87554 Site Assess. Sales IT	X			
		S87555 Site Assess. Sales Quality	X			
		S87560 Site Assess. F,G&A	X			
		S87562 Site Assess. F,G&A Controlling, Finance	X			
		S87610 CD Assess. Production	X			
		S87611 CD Assess. Production Quality	X			
		S87620 CD Assess. Material Management	X			
		S87621 CD Assess. Material Management Quality	X			
		S87640 CD Assess. Research & Development	X			
		S87650 CD Assess. Sales	X			
		S87651 CD Assess. Sales Marketing	X			
		S87652 CD Assess. Sales Communication	X			
		S87654 CD Assess. Sales IT	X			
		S87655 CD Assess. Sales Quality	X			
		S87660 CD Assess. F,G&A	X			
		S87661 CD Assess. F,G&A General	X			
		S87662 CD Assess. F,G&A Controlling, Finance	X			
		S87663 CD Assess. F,G&A HR	X			
		S87710 SU Alloc Production	X			
		S87711 SU Alloc Production Quality	X			
		S87720 SU Alloc Material Management	X			
		S87721 SU Alloc Material Management Quality	X			
		S87740 SU Alloc Research & Development	X			
		S87750 SU Alloc Sales	X			
		S87751 SU Alloc Sales Marketing	X			
		S87752 SU Alloc Sales Communication	X			
		S87754 SU Alloc Sales IT	X			
		S87755 SU Alloc Sales Quality	X			
		S87760 SU Alloc F,G&A	X			
		S87761 SU Alloc F,G&A General	X			
		S87762 SU Alloc F,G&A Controlling, Finance	X			
		S87763 SU Alloc F,G&A HR	X			
		K6620 Expenses for specific services received	X			
		K6626 Specific services rendered group comp	X			
		S87440 Plant Assessment R&D costs	X			
80	External Services on Project	RPS-102		X		0311500600 Primary R,D & E costs
90	Travel on Projects	RPS-103		X		0311500600 Primary R,D & E costs
100	Internal Prototypes	Cost Item category 4		X		0311500600 Primary R,D & E costs
105	External Prototypes Cost	Cost item category 7		X		0311500600 Primary R,D & E costs
107	ICO Prototype Cost	Cost item category 6		X		0311500600 Primary R,D & E costs
108	ICO Prototype Income / Revenues	Cost item category 11		X		0311500600 Primary R,D & E costs
110	Other Project Specific Costs	RPS-105		X		0311500600 Primary R,D & E costs
115	Prototype Cost (Out)	S99122	X			0311500600 Primary R,D & E costs
500	Central Engineering S&T (In)	M54541 GOA RDE Central Automotive Transfer IN - BASE M54543 GOA RDE Central Automotive Transfer IN - APPL M54545 GOA RDE Central Division Transfer IN - BASE M54547 GOA RDE Central Division Transfer IN - APPL			X X X X	0311500600 Primary R,D & E costs
140	Patent Department (In)	K66280	X			0311500600 Primary R,D & E costs
150	Transfer Hour Recording (In)	RPS-101		X		0311500600 Primary R,D & E costs
155	thereof Int. Quality Labs	RPS-101 (only cc type H)		X		0311500600 Primary R,D & E costs
520	Segment Clearing (In)	M54521 GOA RDE PS Segment Clearing IN - BASE M54523 GOA RDE PS Segment Clearing IN - APPLICATION			X X	0311500600 Primary R,D & E costs
530	Internal Transfers CES/EB (In)	RPS-110		X		0311500600 Primary R,D & E costs
170	Other Transfers (In)	M54586 GOA RDE Other Transfer IN - BASE M54581 GOA RDE Other Transfer IN - APPLICATION M54584 GOA RDE capitalization - ICO Transfer IN			X X X	0311500600 Primary R,D & E costs
540	Central Engineering S&T (Out)	M54540 GOA RDE Central Autom. Transfer OUT - BASE M54542 GOA RDE Central Autom. Transfer OUT - APPL M54544 GOA RDE Central Division Transfer OUT - BASE M54546 GOA RDE Central Division Transfer OUT - APPL			X X X X	0311500600 Primary R,D & E costs

No.	GLORIA Item	SAP				FIRE Item
		Accounts / Cost Element Groups / Cost Types / Category within PS	Cost Center	PS	SAP Account	
545	Patent Department (Out)	K66280	X			0311500600 Primary R,D & E costs
230	Transfer Hour Recording (Out)	RPS-101		X		0311500600 Primary R,D & E costs
550	Segment Clearing (Out)	M54520 GOA RDE PS Segment Clearing OUT - BASE M54522 GOA RDE PS Segment Clearing OUT - APPL.			X X	0311500600 Primary R,D & E costs
560	Internal Transfers CES/EB (Out)	To be used for CES only !				0311500600 Primary R,D & E costs
250	Other Transfers (Out)	M54585 GOA RDE Other Transfer OUT - BASE M54580 GOA RDE Other Transfer OUT - APPLICATION M54583 GOA RDE capitalization - ICO Transfer OUT SM960115 RDE PS-RIC Settlement: Reimbursement ICO			X X X X	0311500600 Primary R,D & E costs
400	Capitalization IAS 38	K9971 GOA Capitalization Own Development			X	0311500600 Primary R,D & E costs
255	Task	-	-	-	-	0311500600 Primary R,D & E costs
610	thereof CC Imbalance	S90912, S90919	X			0311500600 Primary R,D & E costs
600	Work in progress R,D&E Addition	K99990 R&D Work in Progress Addition BASE K99992 R&D Work in Progress Addition APPL			X X	0311500600 Primary R,D & E costs
601	Work in progress R,D&E Release	K99991 R&D Work in Progress Release BASE K99993 R&D Work in Progress Release APPL			X X	0311500600 Primary R,D & E costs
602	Governmental Grants	M45500 RDE gov. grants BASE M45600 RDE gov. grants APPL SM960500 PD-GGB Settl.: R&D gov. grants BASE SM960600 PD-GGA Settl.: R&D gov. grants APPL			X X X X	0311501910 Gov. grants for gen. R&D + 0311501920 Gov. grants for applic. eng.
603	Governmental Grants Transfers	M45510 RDE Reimbursement Corrections - BASE M45610 RDE gov. grants APPL Corrections			X X	0311501910 Gov. grants for gen. R&D + 0311501920 Gov. grants for applic. eng.
180	R,D&E Licence Expenses	K5911 GOA RDE Licence Expense K5914 GOA RDE Inventors Gratification			X X	0311502500 R,D & E licences expenses
260	R,D&E Licence Income	M31010 GOA RDE Licence Income Domestic M31050 GOA RDE Licence Income International			X X	0311502000 R,D & E licences income
320	R,D&E Allocation (In)	K5930 GOA RDE Application Allocation In K5931 GOA RDE Old IP Allocation In K5932 GOA RDE Base Allocation In K5933 GOA RDE BU Distribution In K5934 GOA RDE Adjustment New Pooling K5935 GOA RDE Other Allocation In K5936 GOA RDE Other Old IP Allocation In K5937 GOA RDE Other Base Allocation In S90918 RDE Cost Center Settlement - ALLOCATION			X X X X X X X X X	0311503100 R,D & E allocation in
290	R,D&E Allocation (Out)	M54560 GOA RDE BU Distribution Out M54561 GOA RDE Other Allocation Out M54563 GOA RDE Other Old IP Allocation Out M54564 GOA RDE Other Base Allocation Out M54590 GOA RDE Application Allocation Out M54591 GOA RDE Old IP Allocation Out M54592 GOA RDE Base Allocation Out			X X X X X X X	0311503600 R,D & E allocation out
810	R,D&E Prior Year	N15830 GOA RDE Adjustment New Pooling Prior Year N158330 GOA RDE Application Allocation Prior Year N158331 GOA RDE Old IP Allocation Prior Year N158332 GOA RDE Base Allocation Prior Year N158333 GOA RDE BU Distribution Prior Year N158334 GOA RDE Other Allocation Prior Year N158335 GOA RDE Other Old IP Allocation Prior Year N158336 GOA RDE Other Base Allocation Prior Year			X X X X X X X X	0311504100 R,D & E prior year
604	Development Reimbursements (w/o Governm. Grants)	M45100 RDE Reimbursements - BASE M45200 RDE Reimbursements - APPLICATION M54524 RDE Seg.Clea.Reimb. OUT - Base M54525 RDE Seg.Clea.Reimb. IN - Base M54526 RDE Seg.Clea.Reimb. OUT - Application M54527 RDE Seg.Clea.Reimb. IN - Application N06331 Oth.op.inc.- inv.grants for R&D(taxat.) SM960111 RDE PS-RIM Settlement: Reimbursements BA SM960116 RDE PS-RIA Settlement: Reimbursements AP			X X X X X X X X X	0312502700 Reimbursements
281	Prototype Reimbursements	M45300 GOA R&D Prototypes 3rd Party Reimbursese SM960300 PR-CUB Settl.: Proto 3rd Reimb. BASE M45400 GOA R&D Prototypes 3rd Party Reimbursese SM960400 PR-CUA Settl.: R&D Proto 3rd Reimb. APPL			X X X X	0311501500 Customer reimb./grants
282	Reimbursement Transfers	M45110 GOA RDE Reimbursement Corrections - BASE M45210 GOA RDE Reimbursement Corrections - APPL.			X X	0311501500 Customer reimb./grants

10. Mapping GLORIA Items to Cost Element Group GLO-000

No.	GLORIA Item	GLO-000	Cost Center	P S	SAP Account
HEAD ITEMS					
10	Heads R,D&E	GLO-HEADS	X		
20	thereof Leased Employees	NLE, ILE	X		
60	thereof Working Students	WSF	X		
COST ITEMS					
10	Total Compensation	GLO-010	X		
15	thereof Compensation for Leasing	GLO-015	X		
20	External Services on Cost Center	GLO-020	X		
30	Depreciation	GLO-030	X		
35	Travel on Cost Center	GLO-035	X		
40	Other Primary Costs on Cost Center	GLO-040	X		
50	IT	GLO-050	X		
60	Facility	GLO-060	X		
70	Other Secondary Costs on Cost Center	GLO-070	X		
80	External Services on Project	-		X	
90	Travel on Projects	-		X	
100	Internal Prototypes	-		X	
105	External Prototype Costs	-		X	
107	ICO Prototype Cost	-		X	
108	ICO Prototype Income / Revenues	-		X	
110	Other Project Specific Costs	-		X	
115	Prototype Cost (Out)	-	X		
500	Central Engineering S&T (In)	GLO-500			X
140	Patent Department (In)	GLO-140	X		
150	Transfer Hour Recording (In)	-		X	
155	thereof Int.Quality Labs	-		X	
520	Segment Clearing (In)	GLO-520			X
530	Internal Transfers CES /EB (In)	-		X	
170	Other Transfers (In)	GLO-170			X
540	Central Engineering S&T (Out)	GLO-540			X
545	Patent Department (Out)	GLO-140	X		
230	Transfer Hour Recording (Out)	-		X	
550	Segment Clearing (Out)	GLO-550			X
560	Internal Transfers CES /EB (Out)	-		X	
250	Other Transfers (Out)	GLO-250			X
400	Capitalization IAS 38	GLO-400			X
255	Task	-	-	-	-
600	Work in progress R,D&E Addition	GLO-600			X
601	Work in progress R,D&E Addition	GLO-601			X
610	thereof CC Imbalance	GLO-610	X		
602	Governmental Grants	GLO-602			X
603	Governmental Grants Transfers	GLO-603			X
180	R,D&E Licence Expenses	GLO-180			X
260	R,D&E Licence Income	GLO-260			X
320	R,D&E Allocation (In)	GLO-320			X
290	R,D&E Allocation (Out)	GLO-290			X
810	R,D&E Prior Year	GLO-810			X
604	Development Reimbursements (w/o Governm. Grants)	GLO-604			X
281	Prototype Reimbursements	GLO-281			X
282	Reimbursement Transfers	GLO-282			X

11. R&D FIRE Accounts

SAP P&L Account		GLORIA Item	
FIRE 0311500000 # R,D & E expenses			
FIRE 0311500600 # Primary R,D & E costs			
FIRE 0311500610 ' R & D costs			
M54520	GOA RDE PS Segment Clearing OUT - BASE	Segment Clearing (Out)	550
M54521	GOA RDE PS Segment Clearing IN - BASE	Segment Clearing (In)	520
M54540	GOA RDE Central Automotive Transfer OUT - BASE	Central Engineering S&T (Out)	200
M54541	GOA RDE Central Automotive Transfer IN - BASE	Central Engineering S&T (In)	120
M54544	GOA RDE Central Division Transfer OUT - BASE	Central Engineering S&T (Out)	200
M54545	GOA RDE Central Division Transfer IN - BASE	Central Engineering S&T (In)	120
M54585	GOA RDE Other Transfer OUT - BASE	Other Transfers (Out)	250
M54586	GOA RDE Other Transfer IN - BASE	Other Transfers (In)	170
M54587	GOA R&D Prototypes ICO Reimb. BASE	ICO Prototype Revenue	108
K5905	GOA RDE PS Project Settlement - Innovation & Base	---	---
P90914	RDE Cost Center Settlement - PATENT	Patent department (In)	140
PK960300	PR-CUB Settl.: Proto. 3rd Cost BASE	External Prototype Cost	105
PK960587	PR-ICB Settl.: R&D Proto ICO Cost BASE	ICO Prototype Cost	107
PM960587	PR-ICB Settl.: R&D Proto ICO Reimb. BASE	ICO Prototype Revenue	108
K99990	R&D Work in Progress Addition BASE	Work in progress R,D&E Addition	600
K99991	R&D Work in Progress Release BASE	Work in progress R,D&E Release	601

SAP P&L Account		GLORIA Item	
FIRE 0311500620 ' Application engineering			
M54522	GOA RDE PS Segment Clearing OUT - APPLICATION	Segment Clearing (Out)	550
M54523	GOA RDE PS Segment Clearing IN - APPLICATION	Segment Clearing (In)	520
M54542	GOA RDE Central Automotive Transfer OUT - APPL	Central Engineering S&T (Out)	200
M54543	GOA RDE Central Automotive Transfer IN - APPL	Central Engineering S&T (In)	120
M54546	GOA RDE Central Division Transfer OUT - APPL	Central Engineering S&T (Out)	200
M54547	GOA RDE Central Division Transfer IN - APPL	Central Engineering S&T (In)	120
M54580	GOA RDE Other Transfer OUT - APPLICATION	Other Transfers (Out)	250
M54581	GOA RDE Other Transfer IN - APPLICATION	Other Transfers (In)	170
M54582	GOA R&D Prototypes ICO Reimb. APPL	ICO Prototype Revenue	108
M54583	GOA RDE capitalization - ICO Transfer OUT	Other Transfers (Out)	250
M54584	GOA RDE capitalization - ICO Transfer IN	Other Transfers (In)	170
K5906	GOA RDE PS Project Settlement - Application	---	---
K9971	GOA RDE Capitalization IAS 38	Capitalization IAS 38	400
P90919	RDE Cost Center Settlement - APPLICATION	---	---
PM960115	RDE PS-RIC Settlement: Reimbursement ICO	Other Transfers (Out)	250
PM960582	PR-ICA Settl.: R&D Proto ICO Reimb. APPL	ICO Prototype Revenue	108
PK960400	PR-CUA Settl.: R&D Proto 3rd Cost APPL	External Prototype Cost	105
PK960582	PR-ICA Settl.: R&D Proto ICO Cost APPL	ICO Prototype Cost	107
K99992	R&D Work in Progress Addition APPL	Work in progress R,D&E Addition	600
K99993	R&D Work in Progress Release APPL	Work in progress R,D&E Release	601

SAP P&L Account		GLORIA Item	
FIRE FS Item 311501900 Governmental Grants for R, D & E			
FIRE FS Item 0311501910 Governmental grants for generic R&D			
M45500	RDE gov. grants BASE	Governmental Grants	602
M45510	RDE gov. grants BASE Corrections	Governmental Grants Transfers	603
PM960500	PD-GGB Settl.: R&D gov. grants BASE	Governmental Grants	602
FIRE FS Item 0311501920 Gov. grants for application engineering			
M45600	RDE gov. grants APPL	Governmental Grants	602
M45610	RDE gov. grants APPL Corrections	Governmental Grants Transfers	603
PM960600	PD-GGA Settl.: R&D gov. grants APPL	Governmental Grants	602

SAP P&L Account		GLORIA Item	
FIRE FS Item 0312502700 Reimbursements			
FIRE FS Item 0312502710 Generic R&D Reimbursements			
M45100	GOA RDE Reimbursements - BASE	Reimbursement	604
M45110	GOA RDE Reimbursement Corrections - BASE	Reimbursement Transfers	282
M45300	GOA R&D Prototypes 3rd Party Reimbursements BASE	External Prototype Reimbursement	281
PM960111	RDE PS-RIM Settlement: Reimbursements BASE	Reimbursement	604
PM960300	PR-CUB Settl.: Proto 3rd Reimb. BASE	External Prototype Reimbursement	281
M54524	RDE Seg. Cl. Reimb. OUT - BASE	Reimbursement	604
M54525	RDE Seg. Cl. Reimb. IN - BASE	Reimbursement	604
FIRE FS Item 0312502720 Application Engineering Reimbursements			
M45200	GOA RDE Reimbursements - APPLICATION	Reimbursement	604
M45210	GOA RDE Reimbursement Corrections - APPLICATION	Reimbursement Transfers	282
M545400	GOA R&D Prototypes 3rd Party Reimbursements APPL	External Prototype Reimbursement	281
PM960116	RDE PS-RIA Settlement: Reimbursements APPLICATION	Reimbursement	604
PM960400	PR-CUA Settl.: R&D Proto 3rd Reimb. APPL	External Prototype Reimbursement	281
M54526	RDE Seg. Cl. Reimb. OUT - APPL	Reimbursement	604
M54527	RDE Seg. Cl. Reimb. IN - APPL	Reimbursement	604

SAP P&L Account		GLORIA Item	
FIRE 0311502000 # R,D & E licences income			
FIRE 0311502200 ' R&D licenses income			
M31010	GOA RDE Licence Income Domestic	R,D&E Licence Income	260
M31050	GOA RDE Licence Income International	R,D&E Licence Income	260
FIRE 0311502300 ' Applic.engin.lic.inc.			
FIRE 0311502500 # R,D & E licences expenses			
FIRE 0311502700 ' R&D licenses expenses			
K5911	GOA RDE Licence Expense	R,D&E Licence Expenses	180
K5914	GOA RDE Inventors Gratification	R,D&E Licence Expenses	180
FIRE 0311502800 ' Applic.engin.lic.exp.			

SAP P&L Account		GLORIA Item	
FIRE 0311503100 ' R,D & E allocation in			
K5930	GOA RDE Application Allocation In	R;D&E Allocation (In)	320
K5931	GOA RDE Old IP Allocation In	R;D&E Allocation (In)	320
K5932	GOA RDE Base Allocation In	R;D&E Allocation (In)	320
K5933	GOA RDE BU Distribution In	R;D&E Allocation (In)	320
K5934	GOA RDE Adjustment New Pooling	R;D&E Allocation (In)	320
K5935	GOA RDE Other Allocation In	R;D&E Allocation (In)	320
K5936	GOA RDE Other Old IP Allocation In	R;D&E Allocation (In)	320
K5937	GOA RDE Other Base Allocation In	R;D&E Allocation (In)	320
S90918	RDE Cost Center Settlement - ALLOCATION	R;D&E Allocation (In)	320
FIRE 0311503600 ' R,D & E allocation out			
M54560	GOA RDE BU Distribution Out	R;D&E Allocation (Out)	290
M54561	GOA RDE Other Allocation Out	R;D&E Allocation (Out)	290
M54563	GOA RDE Other Old IP Allocation Out	R;D&E Allocation (Out)	290
M54564	GOA RDE Other Base Allocation Out	R;D&E Allocation (Out)	290
M54590	GOA RDE Application Allocation Out	R;D&E Allocation (Out)	290
M54591	GOA RDE Old IP Allocation Out	R;D&E Allocation (Out)	290
M54592	GOA RDE Base Allocation Out	R;D&E Allocation (Out)	290
FIRE 0311504100 ' R,D & E prior year			
N15830	GOA RDE Adjustment New Pooling Prior Year	R;D&E Prior Year	810
N158330	GOA RDE Application Allocation Prior Year	R;D&E Prior Year	810
N158331	GOA RDE Old IP Allocation Prior Year	R;D&E Prior Year	810
N158332	GOA RDE Base Allocation Prior Year	R;D&E Prior Year	810
N158333	GOA RDE BU Distribution Prior Year	R;D&E Prior Year	810
N158334	GOA RDE Other Allocation Prior Year	R;D&E Prior Year	810
N158335	GOA RDE Other Old IP Allocation Prior Year	R;D&E Prior Year	810
N158336	GOA RDE Other Base Allocation Prior Year	R;D&E Prior Year	810

12. Check of control table results by using specific SAP transactions

The following SAP transactions are to be used for the manual crosscheck of control table results. Please do not use other than this for the manual check. Results may differ otherwise!

12.1. Headcount items

For check of head items **10 Heads R,D&E**, **20 thereof Leased Employees** and **60 thereof Working Students** please login to your local SAP R/3 system and start report **S_ALR_87013611** or **/CASWW/CO_ZT75** in SPIRIT-systems.

Select **Controlling Area**, **Fiscal Year**, **Period (from, to)**, **Cost Center Group** or value.
Enter E01-000 for **Cost Element Group** and start the report !

PA_Plan vs. Actual: Selection

Variation Output Parameters... Data Source... Extract Parameter

Selection values

Controlling Area	402
Fiscal year	2017
From Period	11
To Period	11
Plan Version	0

Selection groups

Cost Center Group	02-rd_2017	to	
Or value(s)			
Cost Element Group	E01-000	to	
Or value(s)			
Profit Center		to	

Statistical key figures		Actual
EFT	Heads (total)	
NBK	Salaries fix: paid sickne	960,00 MIN
NEF	Salary fix: Employees	1,00 E

- Add existing value of item **NEF** to item **10 Heads R,D&E**
- Add existing value of item **NLE** to item **20 thereof Leased Employees**
- Add existing value of item **WSF** to item **60 thereof Working Students**

12.2. Cost center cost items

For check of cost items **10 Total Compensation**, **15 thereof Compensation for Leasing**, **20 External Services on Cost Center**, **30 Depreciation**, **35 Travel on Cost Center**, **40 Other Primary Costs on Cost Center**, **50 IT**, **60 Facility**, **70 Other Secondary Costs on Cost Center** and **610 thereof CC Imbalance** please login to your local SAP R/3 system and start report **S_ALR_87013611** or /CASWW/CO_ZT75 in SPIRIT-systems.

Select **Controlling Area**, **Fiscal Year**, **Period (from, to)**, **Cost Center Group** or value.
Enter E01-000 for **Cost Element Group** and start the report !

Cost elements	Act. costs
K30001 CHG Salary	5.450,47
* 215 Salaries without	5.450,47
** 225 Salaries	5.450,47
S95005 Compens. CC	163,51
* 2648 Soc.benef.sala	163,51
S95010 Vac/Pub.Hol	109,01
S95015 Annual Bonu	632,25
S95020 ExtraPaym.(87,21
S95050 SocialSecur	833,92
S95125 Subsidy cap	10,90
S95130 Contrib.Lif	21,80
S95135 Exp.mut.ind	43,60
S95140 Comp. pensi	610,45
** 264 Social benefit	2.512,65
*** 295 Compensation	7.963,12
**** 299 Total Labor Cos	7.963,12
K45001 GOA office	
K4502 GOA cleanin	
K4505 GOA EDP/IT-	
*** 305 Burden material	
K4814 GOA R&D tra	
K4812 GOA Rep/mat	
*** 320 Purchased maint	
K413 CHG Deprec	
*** 345 Depreciation to	
K061 GOA LVA II	
*** 350 Depreciation sh	
K4462 CHG Leasing	
K4464 GOA Gains o	
K4491 GOA Ot. ren	
*** 370 Rental/Leasing	
K4852 GOA Fuel fo	
*** 375 Utilities	
K6102 GOA Freight	61,74
*** 410 Outbound freigh	61,74
K5002 GOA Telepho	38,78
K5007 GOA Mobile-	34,44
K5092 GOA Clearin	
*** 425 Communication c	73,22
K5103 GOA Hospita	456,60
K5104 GOA Hospit.	25,20
K5201 GOA Travel/C	992,21
*** 430 Entertainment/I	1.474,01
K5385 GOA Outside	10.000,00
*** 435 Fees and purcha	10.000,00
K5501 GOA Advert.	
K5505 GOA Persona	
*** 440 Recruitment/Tra	
K5307 GOA Charges	
K6610 GOA Miscell	
*** 445 Misc. burden co	
**** 465 Non-compensatio	11.608,97
***** 500 Direct cost cen	19.572,09
S87104 Transf.ener	955,06
S87112 Transf.A.5	307,17
S87294 IT Network	124,76
S87296 IT SAP	329,18
S87530 Site Assess	160,32
**** 520 Transfers in (n	1.876,49
K6620 GOA Exp. sp	
**** 535 Transfers in (s	
***** 545 Transfers in	1.876,49
***** 550 All costs	21.448,58
***** 600 Cost Center Cos	21.448,58
***** 610 over-absorption	21.448,58
***** Debit	21.448,58
S90912 CC Settle -	20.198,82
* 630 Assessments to	20.198,82
** Credit	20.198,82
***** Over/underabsorptio	1.249,76

- Add existing value of cost element item [299] to item **10 Total Compensation**
- Add existing value of cost element item [290] to item **15 thereof**
- Compensation for Leasing**
- Add existing values of cost element items **K5305, K5306 and 5904** to item **20 External Services on Cost Center**
- Add existing value of cost element item [345] to item **30 Depreciation**
- Add existing value of cost element item [430] to item **35 Travel on Cost Cent**
- Add difference of existing values [500]-[430]-[345]-K5305-K5306-K5904-[299] to item **40 Other Primary Costs on Cost Center**
- Add existing values of cost element items S87294, S87295 and S87296 (Note: cost elements may differ between the locations) to item **50 IT**.
- Add existing values of cost element items S87104, S87105 and S87112 (Note: cost elements may differ between the locations) to item **60 Facility**
- Add result of following calculation to item **70 Other Secondary Costs on Cost Center** [545]+[595]-S87294-S87295-S87296-S87104-S87105-S87112
- Add existing value of cost element item [610] to item **610 thereof CC Imbalance**

NOTE: Sign needs to be reversed for GLORIA !!

Positive value in SAP is to be shown in GLORIA negative !

Negative value in SAP is to be shown in GLORIA positive !

For check of cost item **140 Patent Department** please login to your local SAP R/3 system, start the same report and select your local segment specific patent cost center (if exists). Add value of cost element [610] to item **140 Patent Department**. Please reverse sign for GLORIA (see note above).

12.3. PS cost items

For check of cost items **80 External Services on Project**, **90 Travel on Projects**, **100 Prototypes**, **110 Other Project Specific Cost** and **530 Internal Transfers CES (In)**, please login to your local SAP PS system and start **/CASWW/PS_DB_Display** or **/CASWW/PS5710** (in SPIRIT-systems). Either use variant **Z_RD01** or proceed as follows:

Reporting tool for PS information database

General select options

Project Definition

Controlling area to

Company code to

Business area to

Profitcenter Project to

Status

Value class to

Select options for summary DB / detailed DB w/o restriction

Global Project Number to

WBS Element to

Product-Grouping to

Proj.type to

Results Analysis Key to

Sub project type to

Customer Center to

Customer to

Classification of settlement to

Person Responsible to

Period selection

Fiscal years to

Evaluation year to

Evaluation periods to

Program options Add. select options for detailed DB Currency conversion

Use summary DB ☐ (Value classes/WBS elem.)

Use detailed DB ☒ (Value categ./All obj.)

☐ No restriction

☐ Select only networks/orders

☐ Select only cost centers

Down payments in sep. col. ☒

Down paym. added to act. costs ☐

Planned values on WBS element ☒

Max. of planned val. WBS/Act. ☐

Hide columns w/o values ☒

ALV Layout

Multiple Selection for Project Definition

Select Single Values (2) Select Ranges

0. Single value

1. Enter Project Definitions.
(Definition may differ from location).
2. Enter Controlling area

3. Enter D* for Proj.type

4. Enter Fiscal years
5. Enter Evaluation year (equal to Fiscal years)
6. Enter Evaluation periods from to (always one period)

7. Select (Value categ./All obj.)
8. Select No restriction

Program options Add. select options for detailed DB Currency conversion

Select options for detailed DB

Value category to

Cost item to

9. Click tab Add. Select options for detailed DB
10. Enter Cost Item 1 to 5

Multiple Selection for Cost Item

Select Single Values (1)

11. Input 10 for Select Single Value tab

12. Push Execute button or F8

Reporting tool for PS information database

PrftCtr Proje	Cost item description	Σ	Eval. per./Actual costs
12002-002	External Services (R&D)		74.280,47
	Int. Prototype Cost ((R&D)		182.528,10
	Labour Costs (R&D)		1.565.141,74
	Other project specific costs (R&D)		42.833,89
	Transfer&Int.Service (R&D)		0,00
	Travel costs (R&D)		37.704,09
12002-002		..	1.902.488,29
12002-004	Int. Prototype Cost ((R&D)		29.329,08
	Labour Costs (R&D)		436,00
	Other project specific costs (R&D)		38,20
	Travel costs (R&D)		0,00
12002-004		..	29.803,28

- Change layout by selecting **PrftCtr Project**, **Cost item description** and **Eval. per.:Actual costs**.
- Check per profit center and:

Add existing **External Services costs** to **GLORIA item 80**
 Add existing **Travel costs** to **GLORIA item 90**
 Add existing **Int. Prototype Cost** to **GLORIA item 100**
 Add existing **Other project specific cost** to **GLORIA item 110**
 Add existing **Transfer&Int.Service cost** to **GLORIA item 530**

NOTE: Sign needs to be reversed for GLORIA !!
Positive value in SAP is to be shown in GLORIA negative !
Negative value in SAP is to be shown in GLORIA positive !

For check of cost items **150 Transfer Hour Recording (In)** and **230 Transfer Hour Recording (Out)**, please login to your local SAP PS system and start **/CASWW/PS_DB_Display**, **/CASWW/PS5710** (in SPIRIT-systems). Either use variant **Z_RD03** or proceed as follows:

Reporting tool for PS information database

General select options

Project Definition 12* to

Controlling area 0002 to

Company code to

Business area to

Profitcenter Project to

Status to

Value class to

Select options for summary DB / detailed DB w/o restriction

Global Project Number to

WBS Element to

Product-Grouping to

Proj.type to

Results Analysis Key to

Sub project type to

Customer Center to

Customer to

Classification of settlement to

Person Responsible to

Period selection

Fiscal years 2012 to

Evaluation year 2012 to

Evaluation periods 1 to 1

Program options Add. select options for detailed DB Currency conversion

Use summary DB (Value classes/WBS elem.)

Use detailed DB (Value categ./All obj.)

No restriction

Select only networks/orders

Select only cost centers

Down payments in sep. col.

Down paym. added to act. costs

Planned values on WBS element

Max. of planned val. WBS/Act.

Hide columns w/o values

ALV Layout

Program options Add. select options for detailed DB Currency conversion

Select options for detailed DB

Value category to

Cost item 1 to

Multiple Selection for Project Definition

Select Single Values (2) Select Ranges

0. Single value

12*

D121*

- Enter Project Definitions. (Definition may differ from location).
- Enter Controlling area

- Enter Fiscal years
- Enter Evaluation year (equal to Fiscal years)
- Enter Evaluation periods from to (always one period)

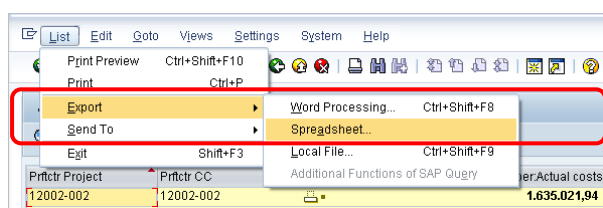
- Select (Value categ./All obj.)
- Select Select only cost centers

- Click tab Add. Select options for detailed DB
- Enter Cost Item 1
- Push Execute button or F8

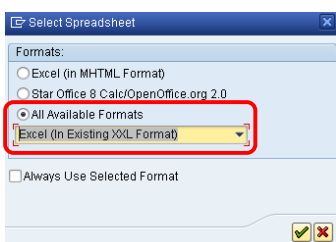
Reporting tool for PS information database

Prftctr Project	Prftctr CC	Eval. per Actual costs
12002-002	12002-002	1.635.021,94
	12002-012	0,00
	12002-055	2.603,68
	12002-099	0,00
	12029-301	16.866,95
12002-002		1.654.492,57
12002-004	12029-301	0,00
12002-004		0,00
12002-012	12002-002	47.206,17
	12002-012	921.855,74
	12002-055	95.985,94
	12002-099	14.084,00
	12029-301	27.674,00
12002-012		914.833,97

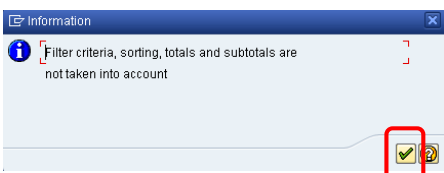
11. Change layout by selecting **PrftCtr Project**, **PrftCtr CC** and **Eval. per Actual costs**



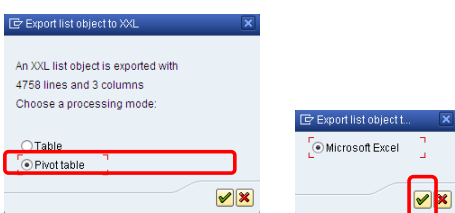
12. Select List/Export/Spreadsheet



13. Select All Available Formats
14. Select Excel (In Existing XXL Format)



15. Confirm message



16. Select Pivot table and confirm Excel message

17. Save spreadsheet to your local drive and open it.

In order to find correct **Transfer Hour Recording (In)** value for specific profit center (e.g. 12002-002), pivot table has to be filtered as follows:

	A	B	C
1	Summe von Eval.		
2	Prftctr Project	Prftctr CC	Ergebnis
3	12002-002	12002-002	1635021,94
4		12002-012	0
5		12002-055	2603,68
6		12002-099	0
7		12029-301	16866,95
8	12002-002 Ergebnis		1654492,57
9	12002-004	12029-301	0
10	12002-004 Ergebnis		0
11	12002-012	12002-002	47206,17
12		12002-012	921855,74
13		12002-055	-95985,94
14		12002-099	14084
15		12029-301	27674
16	12002-012 Ergebnis		914833,97
17	12002-018	12002-018	0

Von A bis Z sortieren
Von Z bis A sortieren
Weitere Sortieroptionen...

Filter löschen aus "Prftctr Project"

Beschriftungsfilter

Wertefilter

(Alle anzeigen)

☒ 12002-002

☐ 12002-004

☐ 12002-012

☐ 12002-018

☐ 12002-020

☐ 12002-021

☐ 12002-022

☐ 12002-023

☐ 12002-055

☐ 12002-057

☐ 12002-099

☐ 12029-301

OK Abbrechen

1. Select profit ctr. 12002-002 in column A (Prftctr Project)

	A	B	C
1	Summe von Eval.		
2	Prftctr Project	Prftctr CC	Ergebnis
3	12002-002	12002-002	1635021,94
4		12002-012	0
5		12002-055	2603,68
6		12002-099	0
7		12029-301	16866,95
8	12002-002 Ergebnis		1654492,57
9	12002-004	12029-301	0
10	12002-004 Ergebnis		0
11	12002-012	12002-002	47206,17
12		12002-012	921855,74
13		12002-055	-95985,94
14		12002-099	14084
15		12029-301	27674
16	12002-012 Ergebnis		914833,97
17	12002-018	12002-018	0

Von A bis Z sortieren
Von Z bis A sortieren
Weitere Sortieroptionen...

Filter löschen aus "Prftctr CC"

Beschriftungsfilter

Wertefilter

(Alle anzeigen)

☐ 12002-002

☒ 12002-012

☒ 12002-018

☒ 12002-020

☒ 12002-021

☒ 12002-022

☒ 12002-023

☒ 12002-055

☒ 12002-057

☒ 12002-099

☒ 12029-301

OK Abbrechen

2. Unselect profit ctr. 12002-002 in column B (Prftctr CC)

	A	B	C
1	Summe von Eval.		
2	Prftctr Project	Prftctr CC	Ergebnis
3	12002-002	12002-012	0
4		12002-055	2603,68
5		12002-099	0
6		12029-301	16866,95
7	12002-002 Ergebnis		19470,63
8	Gesamtergebnis		19470,63

3. Add total for profit ctr 12002-002 to GLORIA item 150

NOTE: Sign needs to be reversed for GLORIA !!
Positive value in SAP is to be shown in GLORIA negative !
Negative value in SAP is to be shown in GLORIA positive !

In order to find correct **Transfer Hour Recording (Out)** value for specific profit center (e.g. 12002-002), pivot table has to be filtered as follows:

A	B	C
1 Summe von Eval.		
2 Prftctr Project	Prftctr CC	Ergebnis
3 12002-002	12002-002	1635021,94
4	12002-012	0
5	12002-055	2603,68
6	12002-099	0
7	12029-301	16866,95
8 12002-002 Ergebnis		1654492,57
9 12002-004	12029-301	0
10 12002-004 Ergebnis		0
11 12002-012	12002-002	47206,17
12	12002-012	921855,74
13	12002-055	-95985,94
14	12002-099	14084
15	12029-301	27674
16 12002-012 Ergebnis		914833,97
17 12002-018	12002-018	0

1. Select profit ctr. 12002-002 in column B (Prftctr CC)

A	B	C
1 Summe von Eval.		
2 Prftctr Project	Prftctr CC	Ergebnis
3 12002-002	12002-002	1635021,94
4	12002-012	0
5	12002-055	2603,68
6	12002-099	0
7	12029-301	16866,95
8 12002-002 Ergebnis		1654492,57
9 12002-004	12029-301	0
10 12002-004 Ergebnis		0
11 12002-012	12002-002	47206,17
12	12002-012	921855,74
13	12002-055	-95985,94
14	12002-099	14084
15	12029-301	27674
16 12002-012 Ergebnis		914833,97
17 12002-018	12002-018	0

2. Unselect profit ctr. 12002-002 in column A (Prftctr Project)

Summe von Eval.		
Prftctr Project	Prftctr CC	Ergebnis
12002-012	12002-002	47206,17
12002-012 Ergebnis		47206,17
12002-020	12002-002	236293,31
12002-020 Ergebnis		236293,31
12002-021	12002-002	700,21
12002-021 Ergebnis		700,21
12002-022	12002-002	0
12002-022 Ergebnis		0
12002-055	12002-002	48743,51
12002-055 Ergebnis		48743,51
12002-099	12002-002	77,72
12002-099 Ergebnis		77,72
Gesamtergebnis		333020,92

3. Add total for profit ctr 12002-002 to GLORIA item 230

NOTE: Sign needs NOT to be reversed for GLORIA !

For a complete analysis, **booked engineering working hours (EWH) on ext. prototypes** and on **non-R,D&E projects** needs to be checked as well. Therefore, please login to your local SAP PS system and start the **/CASWW/PS_DB_Display** or **/CASWW/PS5710** (in SPIRIT-systems).

General select options

Project Definition 12* to

Controlling area 0002 to

Company code to

Business area to

Profitcenter Project 12002-099 to

Status to

Value class to

Select options for summary DB / detailed DB w/o restriction

Global Project Number to

WBS Element to

Product-Grouping to

Proj.type to

Results Analysis Key to

Sub project type to

Customer Center to

Customer to

Classification of settlement to

Person Responsible to

Period selection

Fiscal years 2012 to

Evaluation year 2012 to

Evaluation periods 6 to 6

Program options Add. select options for detailed DB Currency conversion

Use summary DB (Value classes/WBS elem.)

Use detailed DB (Value categ./All obj.)

No restriction

Select only networks/orders

Select only cost centers

Down payments in sep. col.

Down paym. added to act. costs

Planned values on WBS element

Max. of planned val. WBS/Act.

Hide columns w/o values

ALV Layout

Multiple Selection for Project Definition

Select Single Values (2) Select Ranges

0. Single value

12*

D121*

1. Enter Project Definitions. (Definition may differ from location).
2. Enter Controlling area

Multiple Selection for Profitcenter Project

Select Single Values (14) Select

0. Single value

12002-099

12029-301

12002-055

12002-021

12002-022

12002-023

12002-057

12002-002

3. Enter all profit centers

4. Enter Fiscal years
5. Enter Evaluation year (equal to Fiscal years)
6. Enter Evaluation periods from to (always one period)
7. Select (Value categ./All obj.)
8. Select No restriction

Program options Add. select options for detailed DB Currency conversion

Select options for detailed DB

Value category to

Cost item 7 to

9. Click tab Add. Select options for detailed DB
10. Enter Cost Item 7
11. Push Execute button or F8

Reporting tool for PS information database

PrftCtr WBS Eval. per Actual costs Cost Center

12002-055 0,00 01-0500

12002-055 0,00 01-0500

12002-055 0,00 01-0500

Filter criteria

Column Name

Cost Center

Column Set

Column Name

PrftCtr WBS

Project Definition

Eval. per Actual costs

Activity end date

WBS Element

Activity start date

PrftCtr Project

Bus. Area Cost center

Customer

2nd Step: Determine Values for Filter Criteria

PrftCtr WBS Eval. per Actual costs Cost Center

12002-012 4.224,00 02-6606

12002-055 0,00 02-6543

12002-055 0,00 02-6304

Classification of set 4.224,00

12. Change layout by selecting **PrftCtr WBS, Eval. per Actual costs**

13. Set filter for Cost Center ! **Only R&D Cost Centers to be considered !!**

14. Define all R&D Cost Centers (by selecting single values or ranges, etc.)

15. Add existing costs (per profit ctr) to GLORIA item 230

NOTE: Sign needs to be reversed for GLORIA !

Reporting tool for PS information database

General select options

Project Definition 12* to []

Controlling area 0002 to []

Company code to []

Business area to []

Profitcenter Project 12002-099 to []

Status to []

Value class to []

Select options for summary DB / detailed DB w/o restriction

Global Project Number to []

WBS Element to []

Product-Grouping to []

Proj.type to []

Results Analysis Key to []

Sub project type to []

Customer Center to []

Customer to []

Classification of settlement to []

Person Responsible to []

Period selection

Fiscal years 2012 to []

Evaluation year 2012 to []

Evaluation periods 6 to 6

Program options Add. select options for detailed DB Currency conversion

Use summary DB ☐ (Value classes/WBS elem.)

Use detailed DB ☒ (Value categ./All obj.)

☐ No restriction

☐ Select only networks/orders

☒ Select only cost centers

Down payments in sep. col. ☒

Down paym. added to act. costs ☐

Planned values on WBS element ☒

Max. of planned val. WBS/Act. ☐

Hide columns w/o values ☒

ALV Layout 7WAG07

16. Restart **DB_Display** report
17. Select Exclude Single Values for Project Definition
18. Enter Project Definitions ! (Definition may differ from location).

19. Enter Controlling area

Multiple Selection for Project Definition

Select Single Values Select Ranges Exclude Single Values (2)

Single value

12*

012*

20. Enter all profit centers

Multiple Selection for Profitcenter Project

Select Single Values (14) Select

Single value

12002-099

12029-301

12002-055

12002-021

21. Enter Fiscal years
22. Enter Evaluation year (equal to Fiscal years)
23. Enter Evaluation periods from to (always one period)

24. Select (Value categ./All obj.)
25. Select Select only cost centers

Program options Add. select options for detailed DB Currency conversion

Select options for detailed DB

Value category

Cost Item 1 to []

Select options for detailed DB restricted to orders/networks

Order to []

Operation/Activity to []

Order Type to []

Order category to []

Control key to []

Plant to []

Work Center to []

Select options for detailed DB restricted to cost centers

Cost Center

Cost Center Category E to []

26. Click tab Add. Select options for detailed DB
27. Enter Cost Item 1
28. Enter Cost Center Category E
29. Push Execute button or F8

Prftctr WBS	Prftctr Project	Σ	Eval. per Actual costs
12002-055	12002-055		1.979,50
	12002-055		0,00
	12002-055		0,00
	12002-055		0,00
	12002-055		0,00
	12002-055		0,00
			1.979,50

30. Change layout by selecting **Prftctr WBS**, **Prftctr Project** and **Eval. per Actual costs**
31. Add existing costs (per profit ctr) to GLORIA item 230

NOTE: Sign needs NOT to be reversed for GLORIA !

12.4. P&L account cost items

For check of cost items

170 Other Transfers (In), 180 R,D&E Licence Expenses, 250 Other Transfers (Out), 260 R,D&E Licence Income, 281 Prototype Reimbursements, 282 Reimbursements Transfers, 290 R,D&E Allocation (Out), 320 R,D&E Allocation (In), 400 Capitalization IAS 38, 500 Central Engineering S&T (In), 520 Segment Clearing (In), 540 Central Engineering S&T (Out), 550 Segment Clearing (Out), 600 Work in progress R,D&E Addition, 601 Work in progress R,D&E Release, 602 Governmental Grants, 603 Governmental Grants Transfers, 604 Development Reimbursements (w/o Governm. Grants), 810 R,D&E Prior Year

please login to your local SAP R/3 system and start transaction **/CASWW/FIGL_BILA00**.

Proceed as follows:

Balance Sheet/P+L (OneGL) V1.010

Data Sources

G/L account selection

Chart of accounts	goal	to		
G/L account		to		
Company code	402	to		

Selection using search help

Search help ID

Search string

Search help

Transaction Figures Selection

Profit Center Group			
Profit Center	402028710	to	
Functional Area		to	

HB2 B/S ☐ HB2 P/L ☒ HB2 P/L Prim. ☐ HB1 ☐

Tradingpartner

Compress by Trading Partner ☒

Change cu/plant/outlet (FISL51) ☒

Movement Type

Compress by Movement Type ☒

Selections

Hierarchy display ☐ Partner / Transaction Type / Acc. ☒ Acc./ Partner / Transaction type

Financial statement version IF18 Language EN

Financial statement node 0311* to

Further selections

Reporting year	2018		
Reporting periods	1	to	01
Comparison year	2018		
Comparison periods	1	to	01
Plan version (ledger 00 only)			

☐ Node with zero balance

Output control	
Company code summarization	1
Profit center summarization	2
Functionarea summarization	3
Display CU_Partnersegment	1
Summary report	
Display accnts not referenced	N
Comparison type	1
Scaling	0/0
<input type="checkbox"/> List separation requested	
<input type="checkbox"/> Print microfiche line	
Additional heading	

Starting 2018, also the new FS-items for reimbursements 0312502710 + 0312502720 have to be considered (no longer part of the 0311*-items)! Please enter them separately in the field "Financial statement node".

t	FuAr	Texts	Reporting period (01.2017-01.2017)
28710	****	K5905 RDE PS Project Settlement - Innov	7.546.109,09
28710	****	M54520 RDE PS Segment Clearing OUT - BA	1.250.762,38-
28710	****	M54521 RDE PS Segment Clearing IN - BAS	658.092,12
28710	****	M54541 RDE Central Automotive Transfer	732.748,60
28710	****	M54545 RDE Central Division Transfer IN	1.372.271,86
28710	****	P90912 RD&E Cost	366.826,01
28710	****	PK960300 PR-CUB Settl.: Proto. 3rd Cost	8.090,36
28710	****	PK960587 PR-ICB Settl.: R&D Proto ICO C	264.448,04
28710	****	PM960587 PR-ICB Settl.: R&D Proto ICO R	245.471,56-
		-, -, - " R & D costs	9.452.352,14
		0311500610 " R & D costs	9.452.352,14
28710	****	K5906 RDE PS Project Settlement - Appli	5.800.447,05
28710	****	M54522 RDE PS Segment Clearing OUT - AP	447.135,51-
28710	****	M54523 RDE PS Segment Clearing IN - APP	146.238,23
28710	****	M54547 RDE Central Division Transfer IN	15.695,64
28710	****	M54581 RDE ICO Transfer In - Applicati	613.361,52
28710	****	PK960400 PR-CUA Settl.: R&D Proto 3rd C	1.090.865,43
28710	****	PK960582 PR-ICA Settl.: R&D Proto ICO C	3.724,00
		-, -, - " Application engineering	7.223.196,36
		0311500620 " Application engineering	7.223.196,36
		0311500600 # Primary R,D & E costs	16.675.548,50
28710	****	M45100 RDE Reimbursements - BASE	23.666,50-
28710	****	PM960300 PR-CUB Settl.: Proto 3rd Reim	7.280,00-
		-, -, - " R&D cust. reimb./grants	30.946,50-
		0311501700 " R&D cust. reimb./grants	30.946,50-
28710	****	M45400 R&D Prototypes 3rd Party Reimbur	15.087,66
28710	****	PM960116 D PS: PS-RIA Erl#s Anwendungse	1.743.404,50-
28710	****	PM960400 PR-CUA Settl.: R&D Proto 3rd R	925.412,68-
		-, -, - " Appl.engin.cust.reimb./grants	2.653.729,52-
		0311501800 " Appl.engin.cust.reimb/gran	2.653.729,52-
		0311501500 # Customer reimb. + governm.	2.684.676,02-
28710	****	K5911 Royalty and inventor's bonus	58.943,00
28710	****	K5914 RDE Inventors Gratification	99.000,00
		-, -, - " R&D licenses expenses	157.943,00
		0311502700 " R&D licenses expenses	157.943,00
		0311502500 # R,D & E licences expenses	157.943,00
28710	****	K5930 RDE Application Allocation In	8.633.219,30
28710	****	K5932 RDE Base Allocation In	3.902.838,44
28710	****	K5934 RDE Adjustment New Pooling	1.531,14
		-, -, - " R,D & E allocation in	12.537.588,88
		0311503100 " R,D & E allocation in	12.537.588,88
28710	****	M54590 RDE Application Allocation Out	13.093.602,33-
28710	****	M54592 RDE Base Allocation Out	14.512.649,29-
		-, -, - " R,D & E allocation out	27.606.251,62-
		0311503600 " R,D & E allocation out	27.606.251,62-
		0311500000 # R,D & E expenses	919.847,26-

NOTE: Sign needs to be reversed for GLORIA !

- Add costs according to accounts mapping overview (see chapter 9) to the mentioned GLORIA items.