

Fixed Budget Costs

- 1 Access Management
 - 1.1 Roles and access
 - 1.2 Authorization objects
- 2 Dataflow overview
 - 2.1 General presentation
 - 2.1.1 Objective of the application
 - 2.1.2 History
 - 2.2 Rules & Explanations
 - 2.3 Reporting
 - 2.3.1 Queries End User Documentation
 - 2.4 Dependencies with other applications
- 3 Data loadings
 - 3.1 Info providers and objects loaded
 - 3.2 Loading frequency
 - 3.3 Average performance
 - 3.4 Record Keeping
 - 3.5 Main queries
 - 3.6 Main functionalities
 - 3.7 Broadcast
- 4 Data Quality Control
- 5 Operational Documentation
 - 5.1 Procedures
 - 5.2 Scheduling
 - 5.3 Monitoring
 - 5.4 Error Handling
 - 5.5 Known Bugs
 - 5.6 Roadmap

Not loaded since 2019

Access Management

Roles and access

List of application role + menu role and explanation if we have several applications role with specials rules.

Role Code	Role Description	Explanation
ZBI_RCS_CO_A24	GBU Fixed Cost	Application role
ZR_RCS_CA_M53	FC - GBU Fixed Cost	Role Menu

Authorization objects

List of autorisation objects mandatory for the application.

Authorization object	Explanation
C_RESP_CC_CPFCTR1_2 CPFCTR1_2	ZR_*_CA_P05
C_RESP_CC_C_RPLANT C_PLANT C_COSTCTR_C_RPLANT	ZR_*_CA_P02
C_RESP_CC_C_AUTHMA	ZR_*_CA_P00
C_COMPCDE_C_COMPPRS	ZR_*_CA_P07
Company (C_COMPCDE)	ZR_*_CA_P01

Dataflow overview

Dataflow :

Controlling	IA_FMCO_CO	Change	
IMEP-Integrated Manufacturing & Energy Performance	IA_FMCO_CO_IMEP	Change	
Profitability Analysis	IA_FMCO_COPA	Change	
Overhead Cost Controlling	IA_FMCO_CO_OM	Change	
Fixed Costs	IA_FMCO_CO_FC	Change	
Fixed Costs Acquisition Layer	IA_FMCO_CO_FC_ACQUISITION	Change	
Fixed Costs Master Data Layer	IA_FMCO_CO_FC_MD	Change	
Fixed Costs Propagation Layer	IA_FMCO_CO_FC_PROPAGATION	Change	
Fixed Costs Business Transformation Layer	IA_FMCO_CO_FC_BUSINESS_T...	Change	
Fixed Costs Reporting Layer	IA_FMCO_CO_FC_REPORTING	Change	
Fixed costs Budgets	CUB_FB001	Manage	
ODSO DBBUDG01 -> CUBE CUB_FB001	0H0AH1H31Z9L7VCQLAYFWSC...	Change	
Fixed costs Analysis Budget Solvay	DBBUDG01	Manage	InfoProvider
RSDS DTS_CO_BUDGET_FIXED_COSTS PC_FILE -> ODSO DBBUDG01	0FCL8LE6UMVLG15HKW/CDMCKD...	Change	
CO Budget fixed costs	DTS_CO_BUDGET_FIXED_COSTS	Change	DataSources PC_FILE
Data Transfer Processes	DBBUDG01	Create Data Tr...	
Data Transfer Processes	CUB_FB001	Create Data Tr...	
Data Flow Upwards	DATAFLOW UPWARDS		

Datasource on a flat file DSO Infocube

General presentation

Objective of the application

In Fixed costs analysis add budget information.

Fixed costs Analysis (Multi Systems)	MPR_FC003	Change	
Fixed costs Analysis Acetow	CUB_FC002	Manage	InfoProvider
Fixed costs Analysis CICC	CUB_FC004	Manage	InfoProvider
Fixed costs Analysis PIM	CUB_FC003	Manage	InfoProvider
Fixed costs Analysis Rhodia	CUB_FC006	Manage	InfoProvider
Fixed costs Analysis Solvay	CUB_FC005	Manage	InfoProvider
Fixed costs Budgets	CUB_FB001	Manage	InfoProvider
Profitability Analysis: COPA - IECRA Determination	CRCOPA01	Manage	InfoProvider
Profitability Analysis: COPA - Solvay legacy	CRCOPA22	Manage	InfoProvider
Overhead Cost Controlling	IA_FMCO_COPC	Change	

The objective is to upload budget from excel files.

History

Rtr team is the requester of this project (june 2018).

Functional and Technical rules on Workbench + Reporting

Rules & Explanations

09/19/2023: Last load of DSO 04/23/2019

A Datasource on a flat file.

Mockup of source file :

https://drive.google.com/file/d/1z8TM7hfFN-_XIFfBwDJuHVTAJmiHC8cYLYeRISq7oEM/view

DSO DBBUDG01 :

Key fields				
Source System	0LOGSYS	CHAR	10	0LOGSYS
Controlling area	OCO_AREA	CHAR	04	OCO_AREA
Version	C_VERSN2	CHAR	03	C_VERSN2
Fiscal year / period	0FISCPER	NUMC	07	0FISCPER
Company code	C_COMPDE	CHAR	04	C_COMPDE
Cost Center	C_COSTCTR	CHAR	10	C_COSTCTR
Cost Element	0COSTELMNT	CHAR	10	0COSTELMNT
BFC Global Business Unit	CPFCTR1_2	CHAR	02	CPFCTR1_2
BFC Group of activities	CPFCTR2_2	CHAR	05	C_FACUBU
Fiscal year variant	0FISCVARNT	CHAR	02	0FISCVARN

Be careful : in the key, they are BFC Global Business Unit and BFC Group of activities : in the mockup, only one line with one GBU but more BFC Group of activities.

Transformation between datasource DTS_CO_BUDGET_FIXED_COSTS and DSO DBBUDG01 :

It's an expert routine : - read table company for fiscvarnt

- add one line in DSO for each activity group not initial (to put a budget to 0 add activity group with value 0)

Transformation between DSO DBBUDG01 and Infocube CUB_FB001 :

Only direct mapping except : 0CALMONTH (Time characteristic conversion)

0CALQUARTER (Time characteristic conversion)

C_INFOPRO (constant name of DSO : DBBUDG01)

Multiprovider :

The Infocube CUB_FB001 is added on on the multiprovider MPR_FC003 (Fixed costs Analysis (Multi Systems))

Fixed Costs	IA_FMCO_CO_FC	Change
Fixed Costs Acquisition Layer	IA_FMCO_CO_FC_ACQUISITION	Change
Fixed Costs Master Data Layer	IA_FMCO_CO_FC_MD	Change
Fixed Costs Propagation Layer	IA_FMCO_CO_FC_PROPAGATION	Change
Fixed Costs Business Transformation Layer	IA_FMCO_CO_FC_BUSINESS_TRANSF	Change
Fixed Costs Reporting Layer	IA_FMCO_CO_FC_REPORTING	Change
Fixed Costs Virtual Layer	IA_FMCO_CO_FC_VIRTUAL	Change
Fixed costs Analysis (Multi Systems)	MPR_FC003	Change
Fixed costs Analysis Acetow	CUB_FC002	Manage
Fixed costs Analysis CICC	CUB_FC004	Manage
Fixed costs Analysis PIM	CUB_FC003	Manage
Fixed costs Analysis Rhodia	CUB_FC006	Manage
Fixed costs Analysis Solvay	CUB_FC005	Manage
Fixed costs Budgets	CUB_FB001	Manage
Profitability Analysis: COPA - IECRA Determination	CRCOPA01	Manage
Profitability Analysis: COPA - Solvay legacy	CRCOPA22	Manage

Reporting

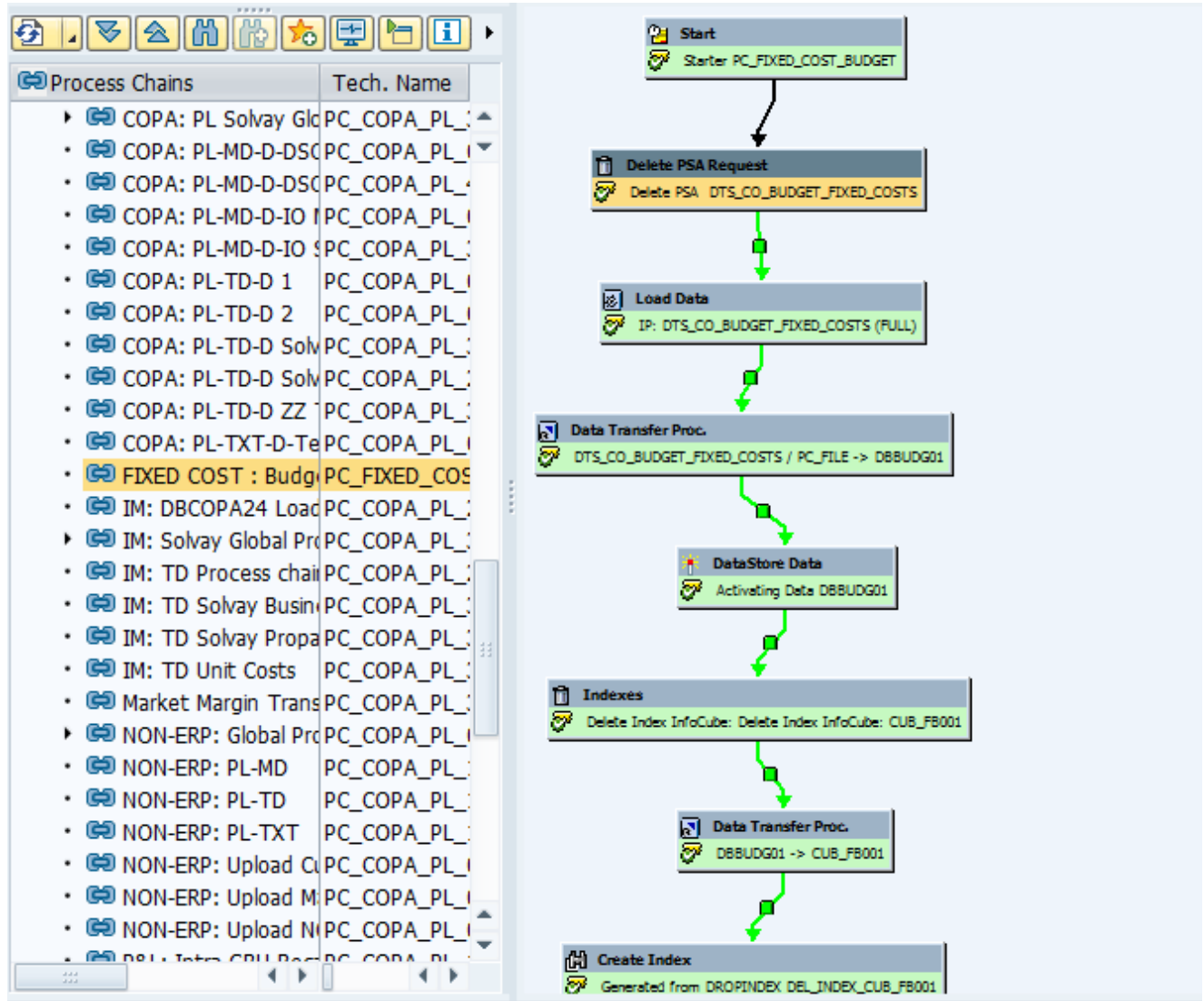
Queries End User Documentation

Dependencies with other applications

Data loadings

Info providers and objects loaded

The loading run the process chain PC_FIXED_COST_BUDGET. This process chain is a direct scheduling with event "PC_FIXED_COST_BUDGET".



Loading frequency

Loading on demand with transaction : ZBW_BUDGET_LOAD (program ZBW_LOAD_FLAT_FILE_BUDGET).

The user must create or modify a file data and choose this file in the transaction.

Average performance

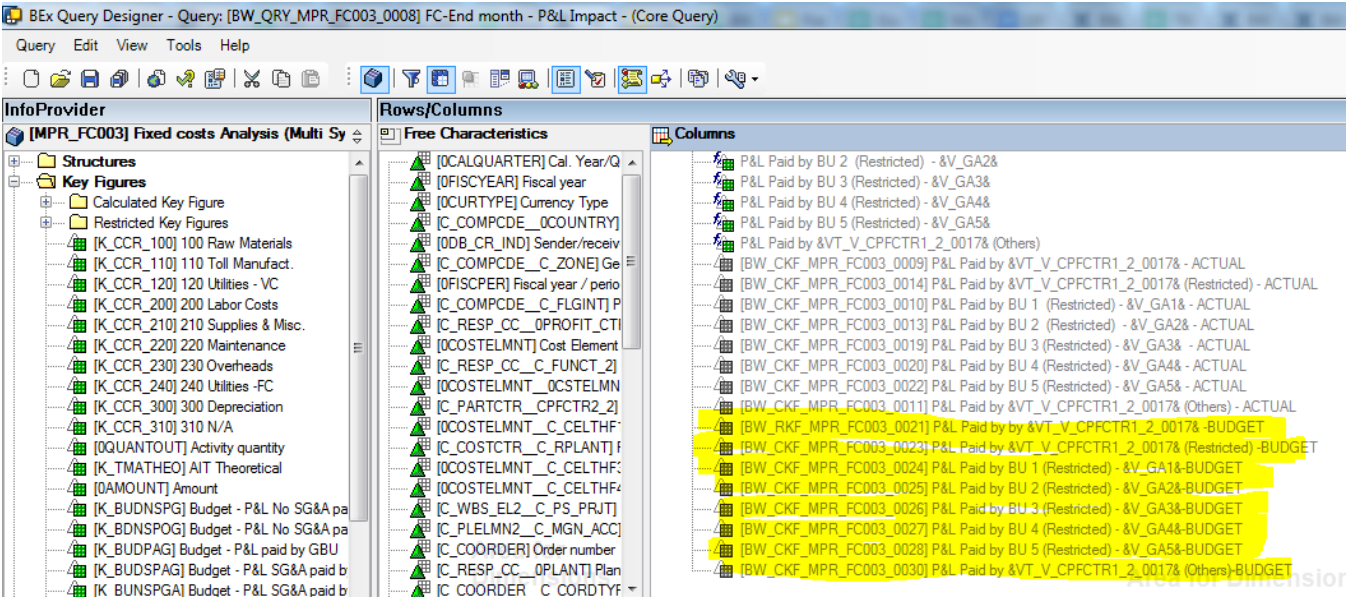
Key Figure	Estimation
~ Average Process Chain Runtime	
~ Average nb of rows loaded per load	

~ Total nb of rows loaded (if full)	
~ Average Runtime for 10k lines	

Record Keeping

Main queries

Query:
 BW_QRY_MPR_FC003_0008 is modified : add Calculated and Restricted key-figures.



Main functionalities

Broadcast

Data Quality Control

Data come from SAP system. To compare data between BW and sources systems, check propagation layers.

Operational Documentation

Procedures

<Describe the recurring procedures needed to operate the application (eg. start/pause/terminate/restart the app processes, data preparation, data ingestion, ETL, data visualization, data export, other manual activities)>

Scheduling

<Describe the scheduling in place for the application (eg. existing jobs, trigger time/event based, dependencies)>

Monitoring

<Describe the monitoring checks to confirm the application is performing well (eg. check the overall status, check performance metrics like runtime/data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

Error Handling

<Describe how to handle errors (eg. error codes, description and respective resolution, alert users)>

Known Bugs

<List the existing bugs, its criticality, workarounds and resolution plan.>

Roadmap