



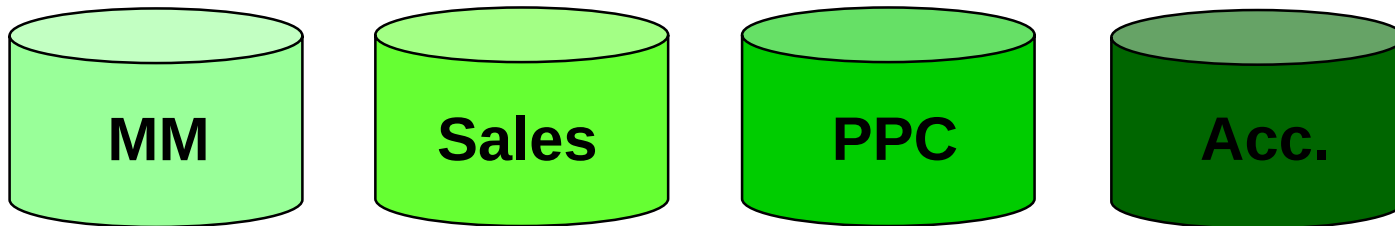
WIRTSCHAFTS
UNIVERSITÄT
WIEN VIENNA
UNIVERSITY OF
ECONOMICS
AND BUSINESS



ERP4PA – Process Management, Funds Management

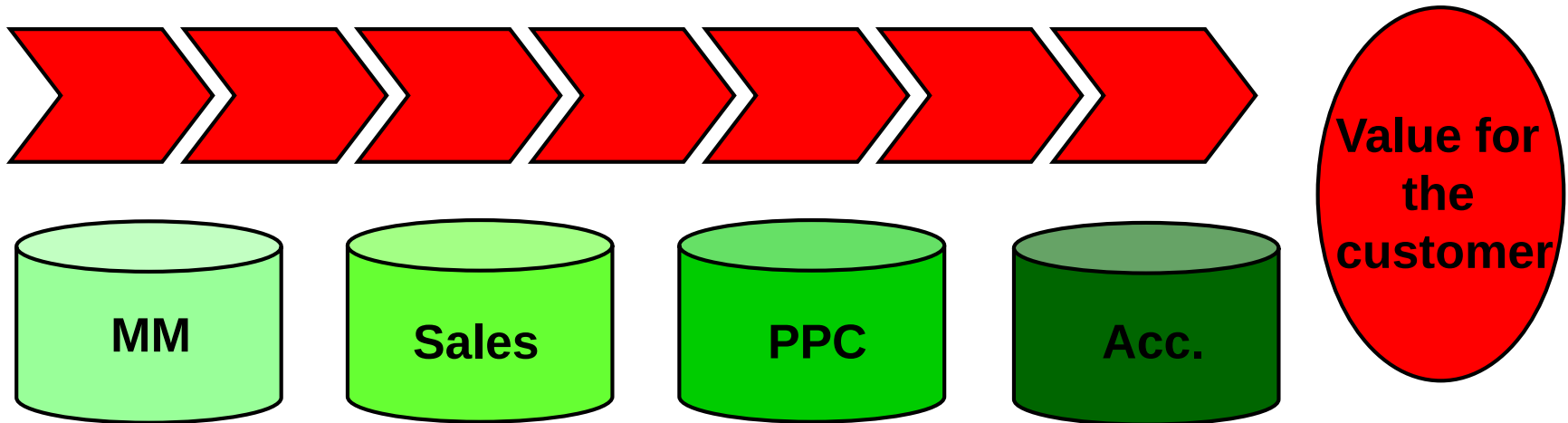
*Robert Müller-Török
Alexander Prosser*

1980-ies: Functional software



1990-ies: Process orientation:

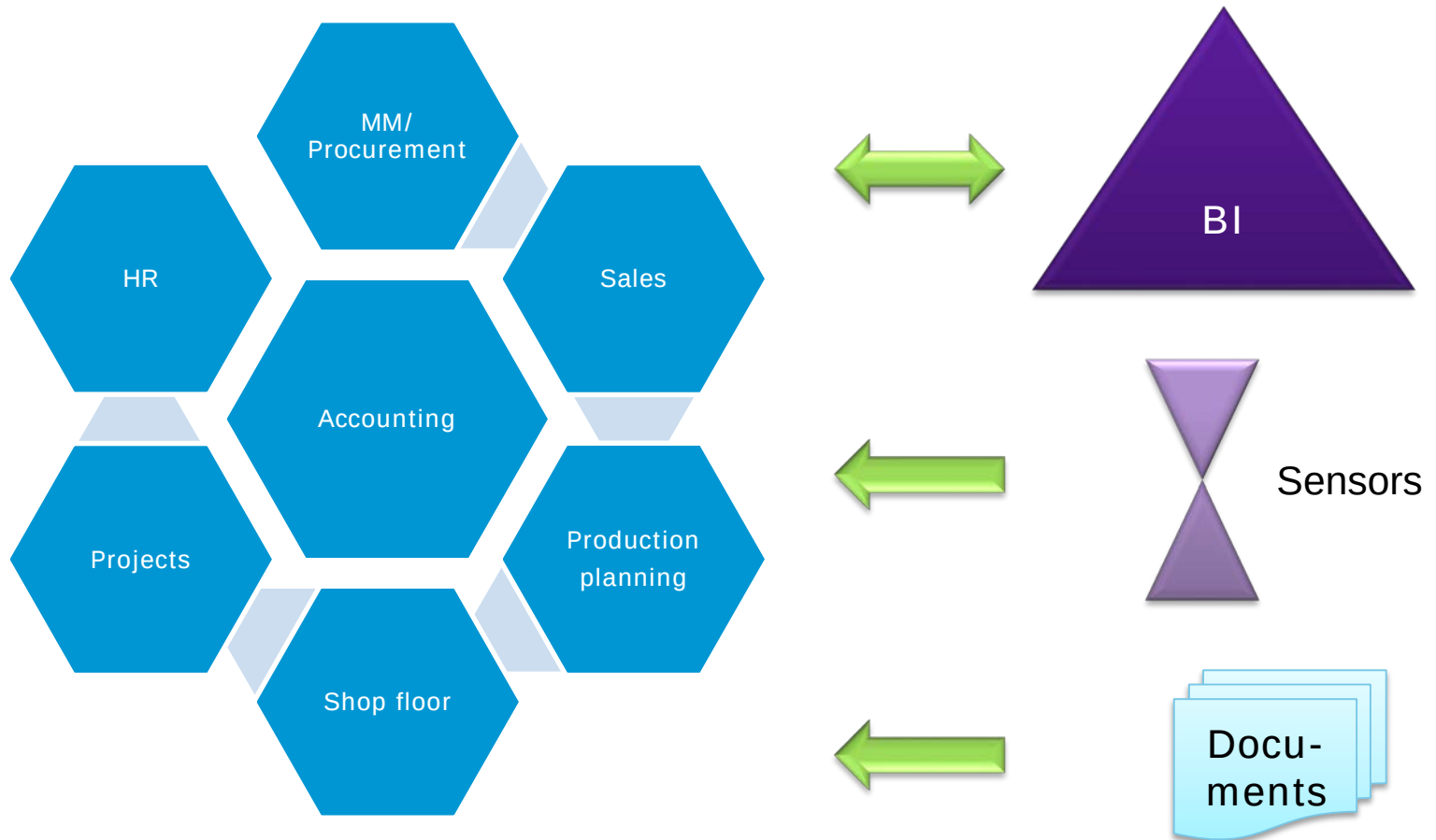
Business Process



Private sector



Private sector



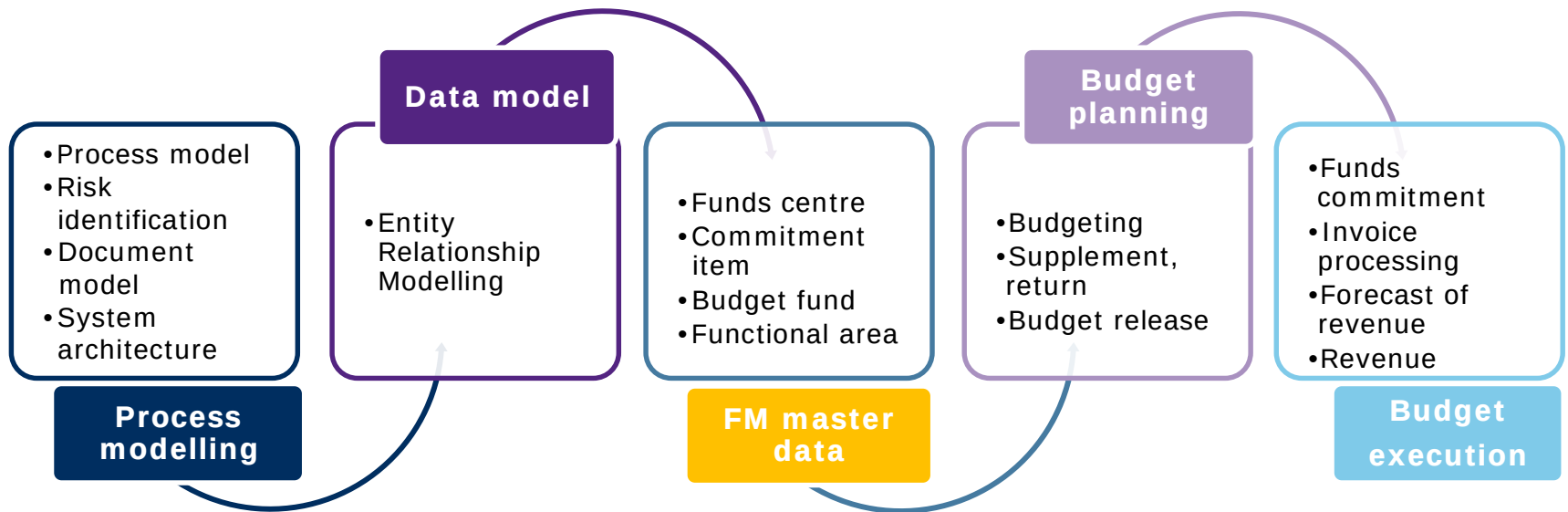
And the public sector ?

... and public sector higher education ?



Source: Wikipedia.org

Overview



Why Process Modelling ?

- Planning the implementation of an integrated information system
- Processes not simply „electrified” but redesigned
- Possible also in the public sector
 - o New processes within the law
 - o New legislation, eg, Austria after 2000

The Law as a Process

Question: Hen or egg? Law or Process?

- Private sector:
1990-ies: Use ICT to simplify processes
2000's: Use ICT to implement new business models
- Non-sovereign administration: The same

Example: <http://www.bbg.gv.at/>

<https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=20001270&ShowPrintPreview=False>

The Law as a Process

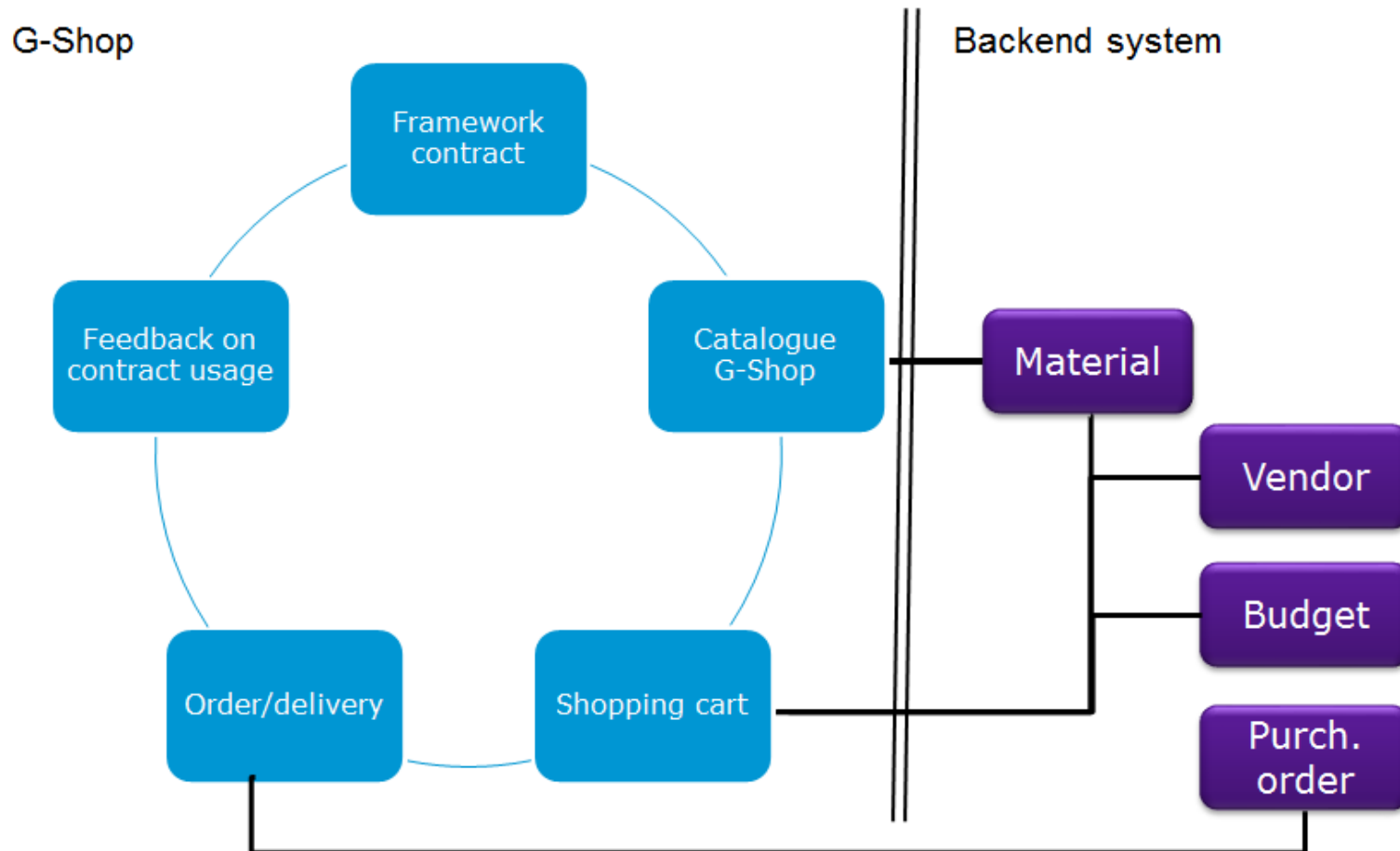
Question: Hen or egg? Law or Process?

- Sovereign administration
Some parts legally given (elections)
Some pliable
Legislation requires political will
- Example: “Office order” in Austrian administration
Until 2004 order introduced by Empress Maria Theresia
- Then:
<https://www.bka.gv.at/DocView.axd?CobId=33038>
After introduction of electronic files

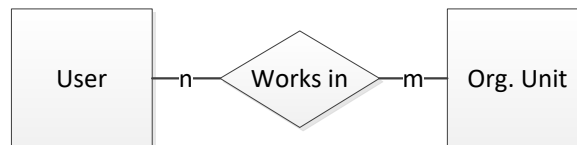
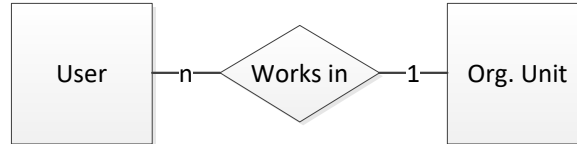
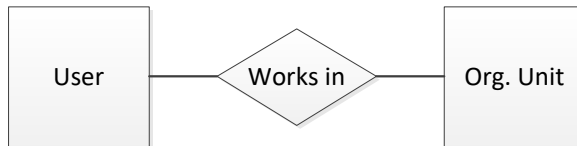


Source: wikipedia.org, gemeinfrei

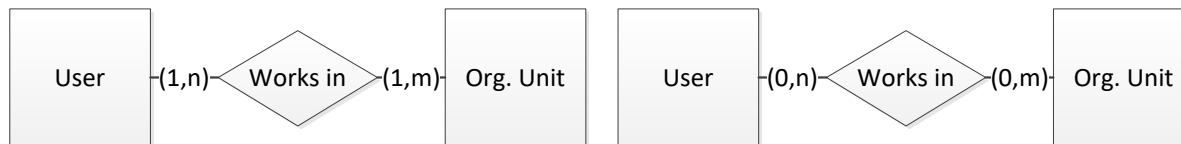
Process modelling



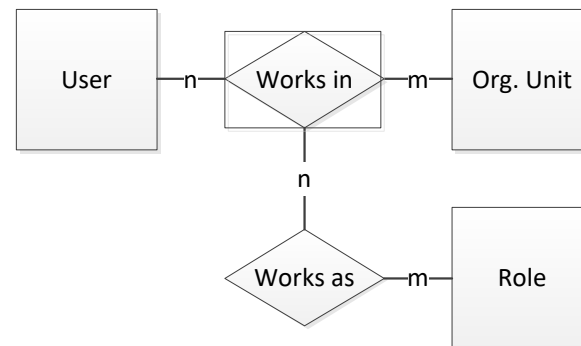
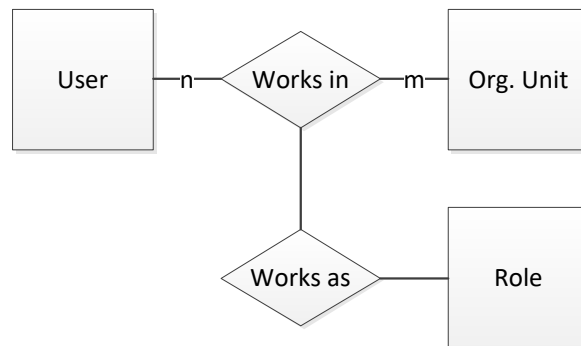
Data modelling



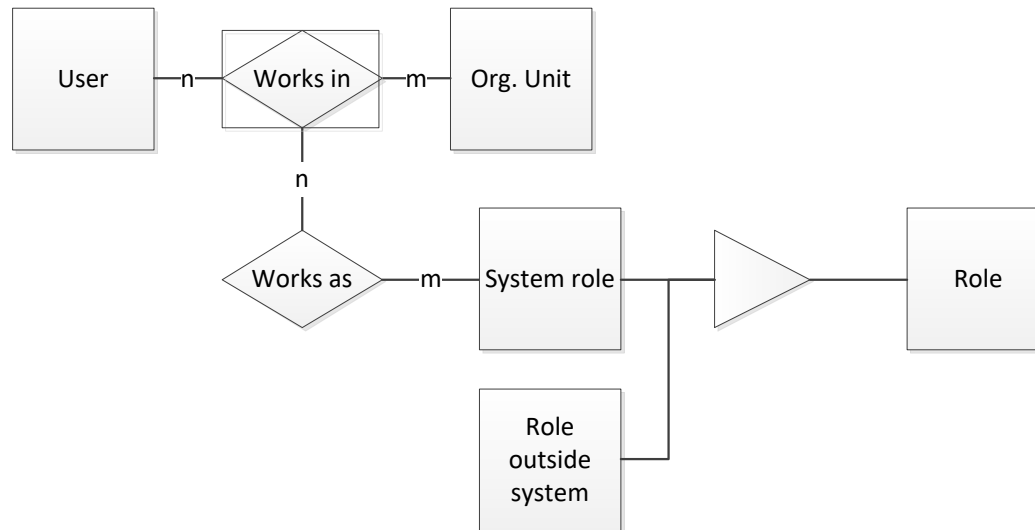
Data modelling



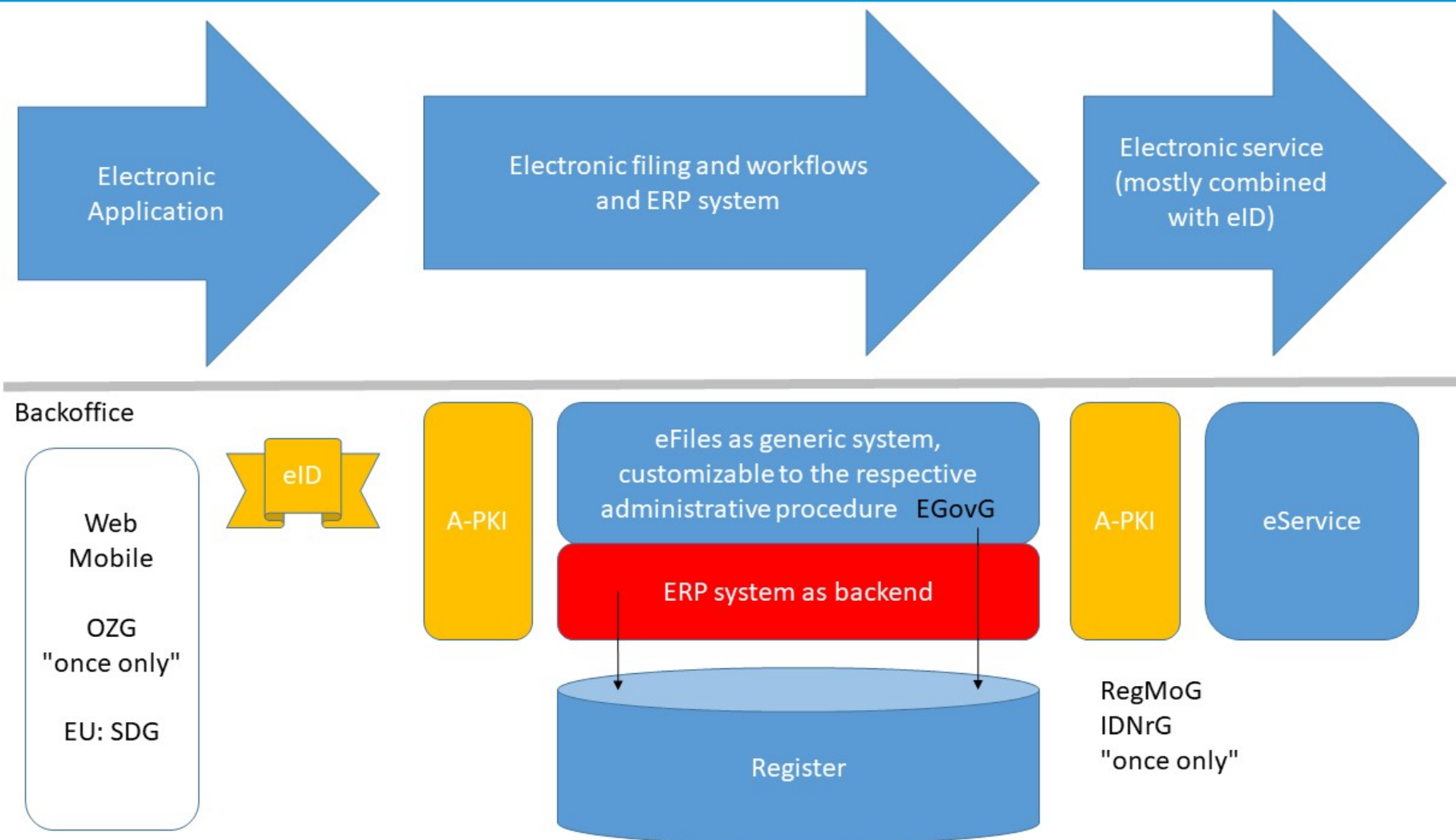
Data modelling



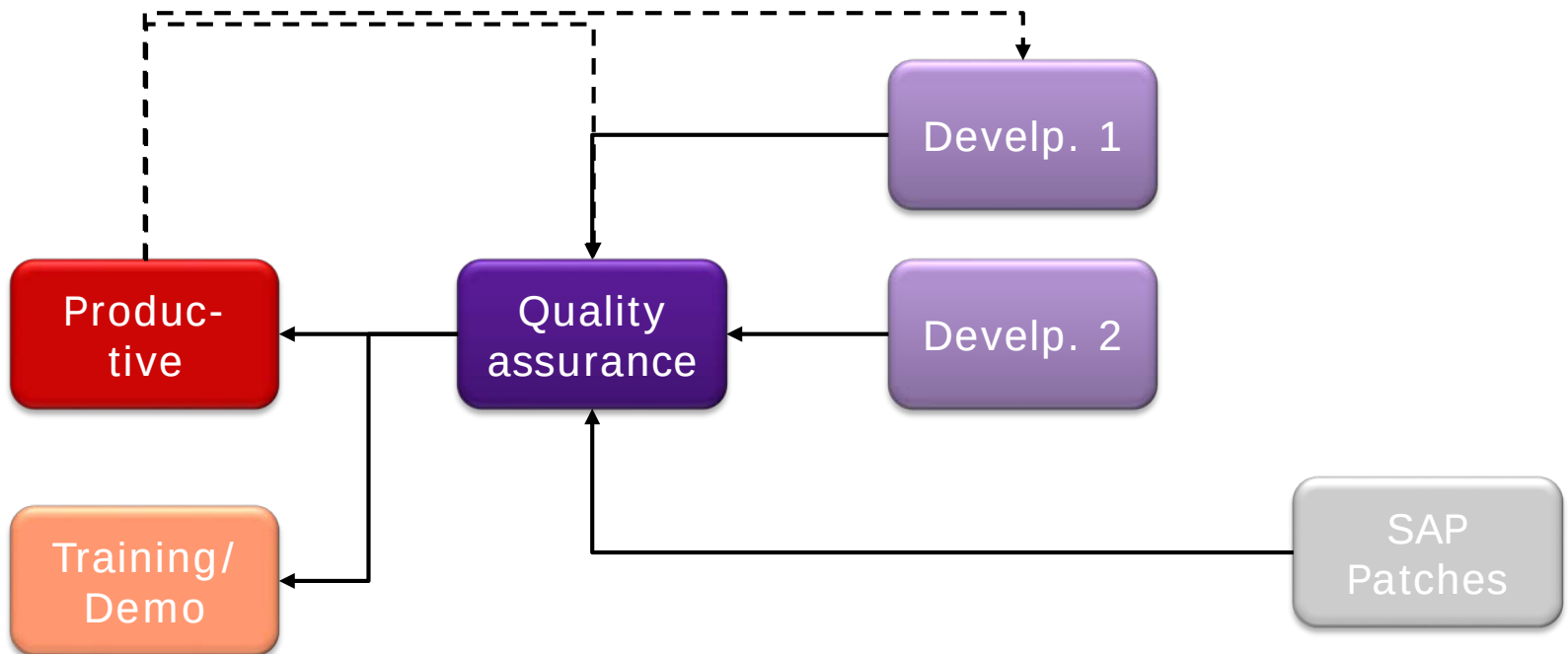
Data modelling



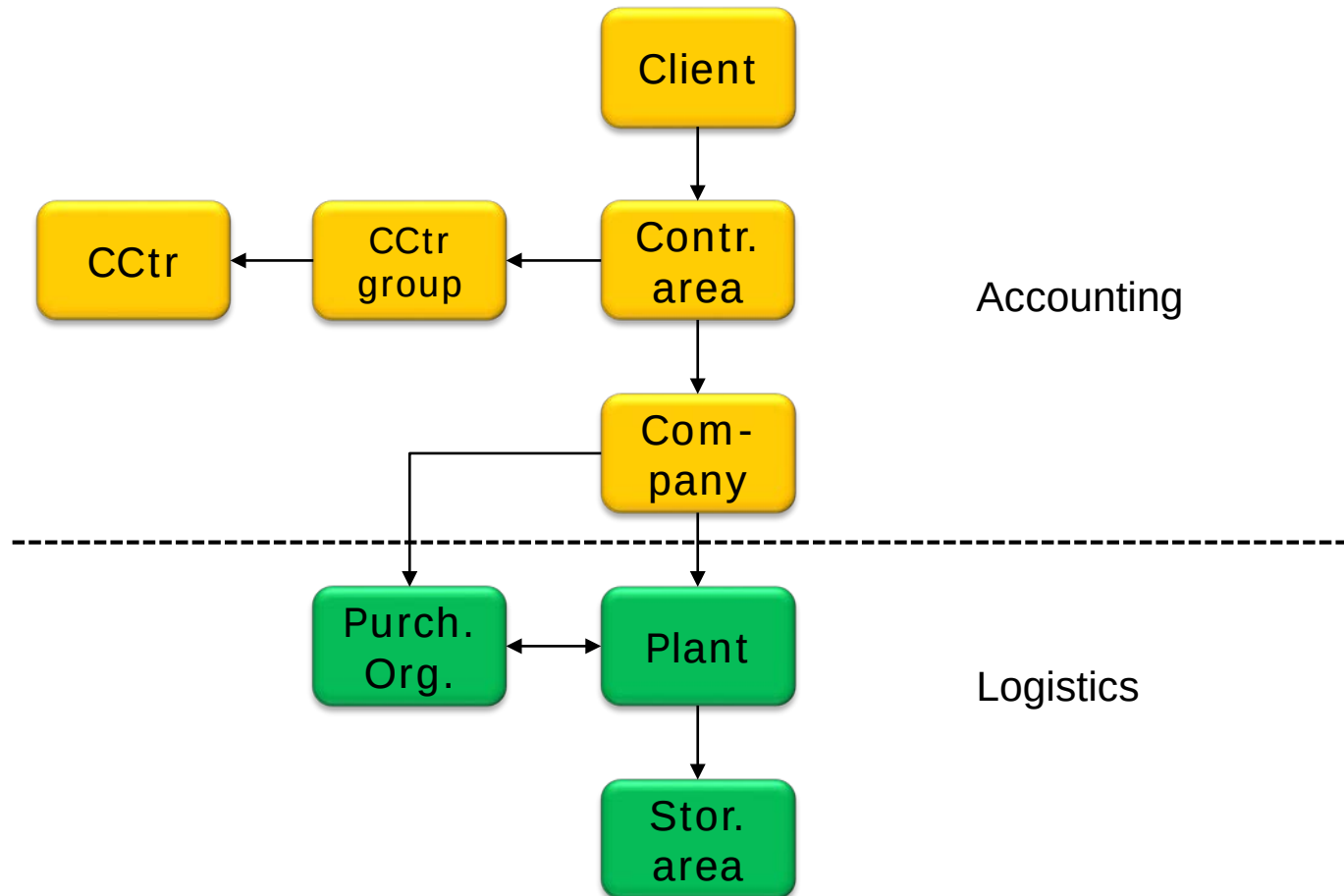
The Big Picture



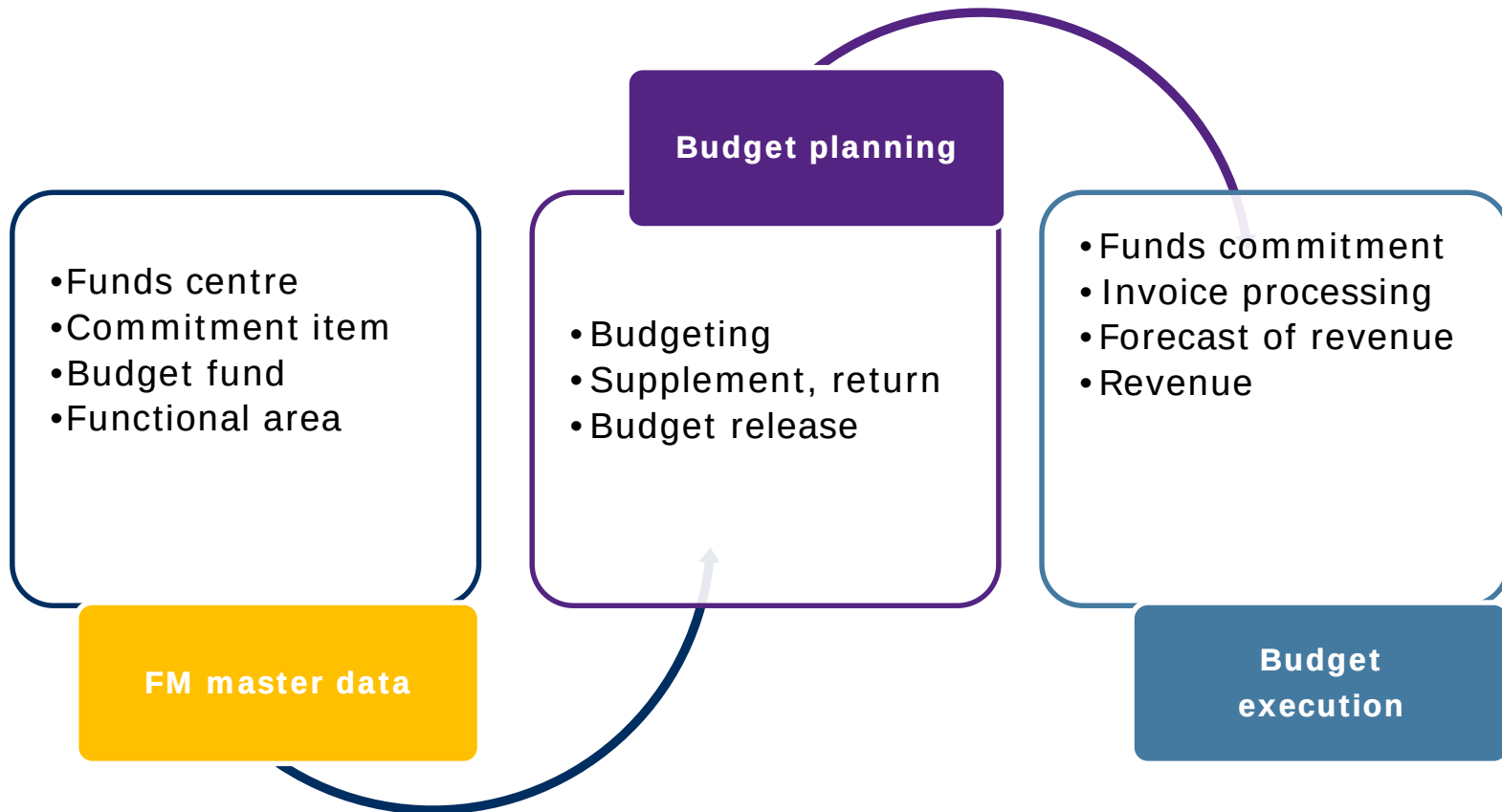
Client Systems



Organisation within Clients



Overview



FM Master Data

Commitment item – What for?

Personnel, utilities, transfers

Funds centre – Where?

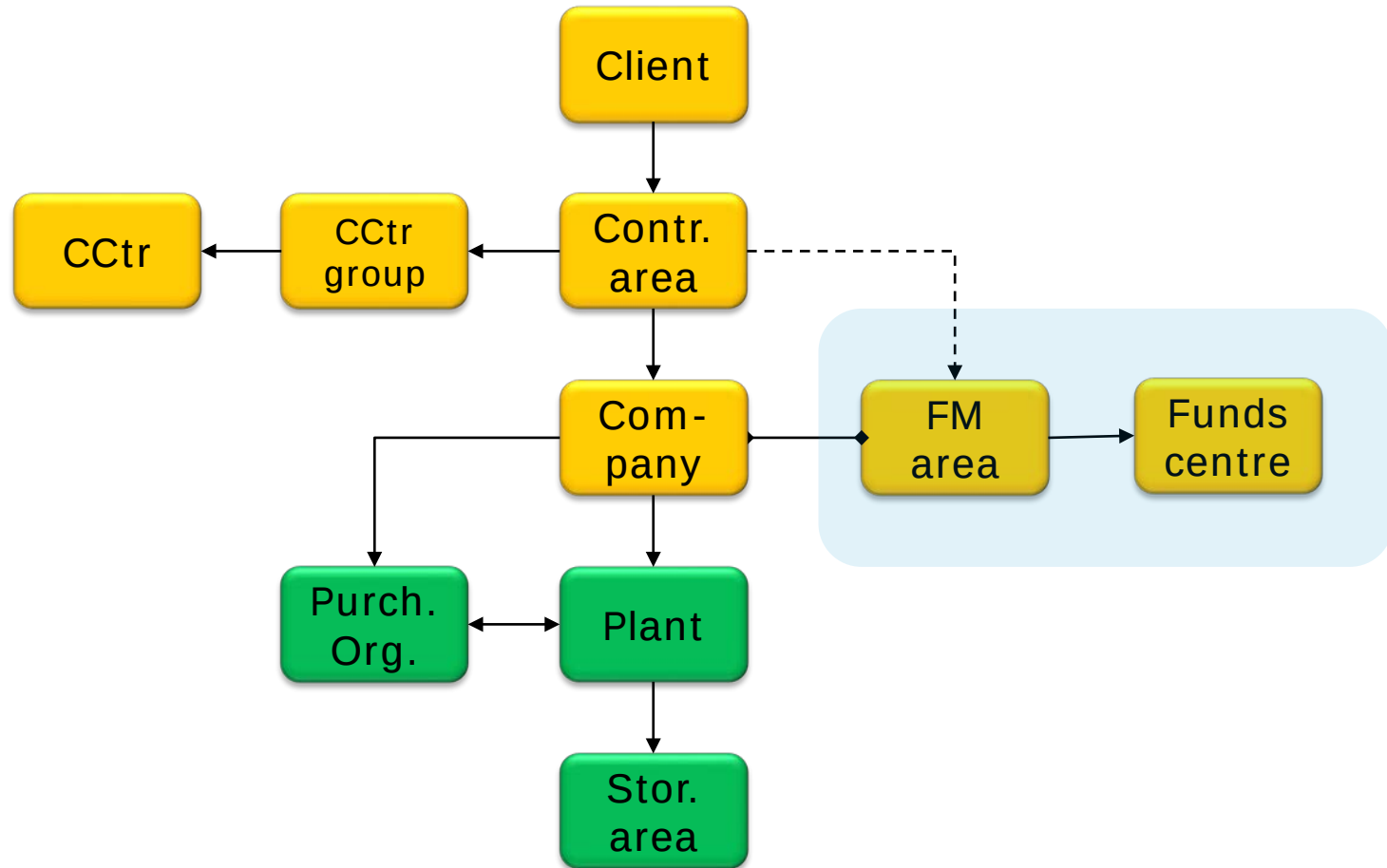
Environment/garbage collection,

Funds – Where from?

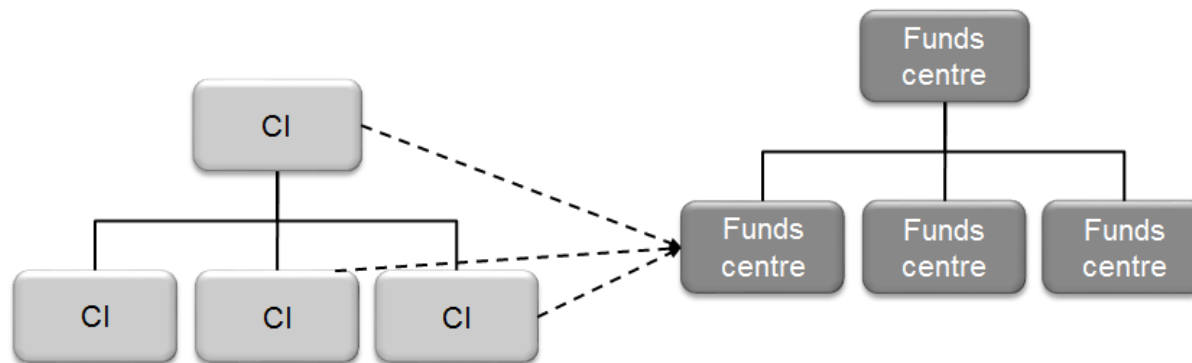
General budget, H2020 project, ...

Functional area – Additional structuring across funds

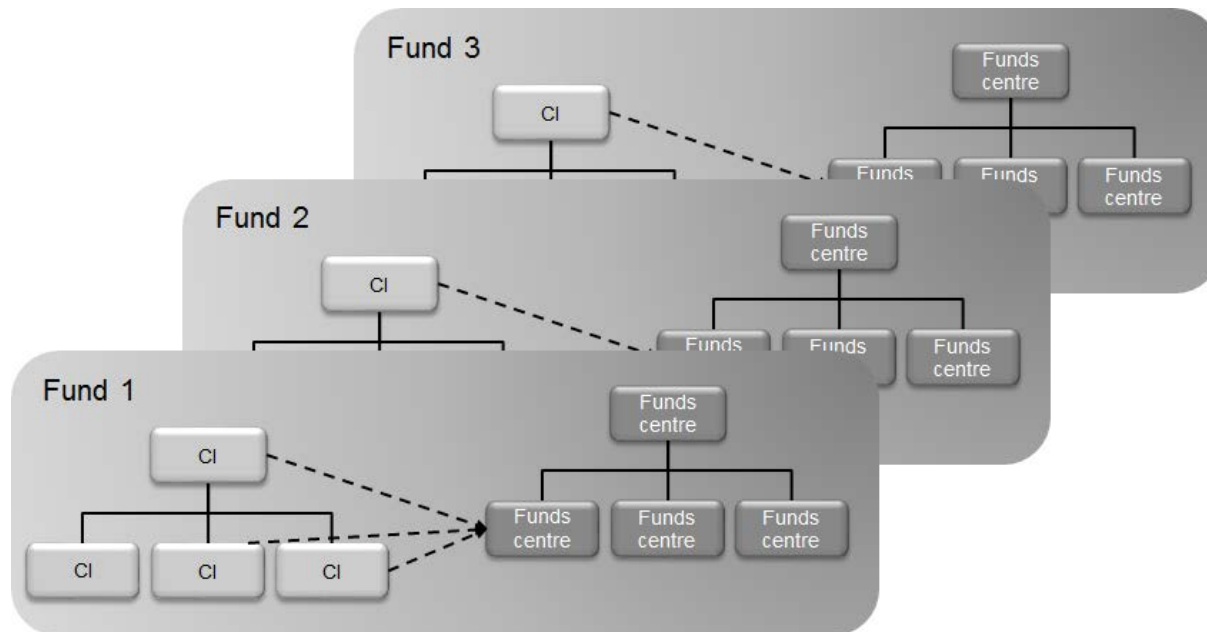
Organisation within Clients



FM Master Data



FM Master Data



FM Master Data

Commitment item Edit Goto Extras System Help

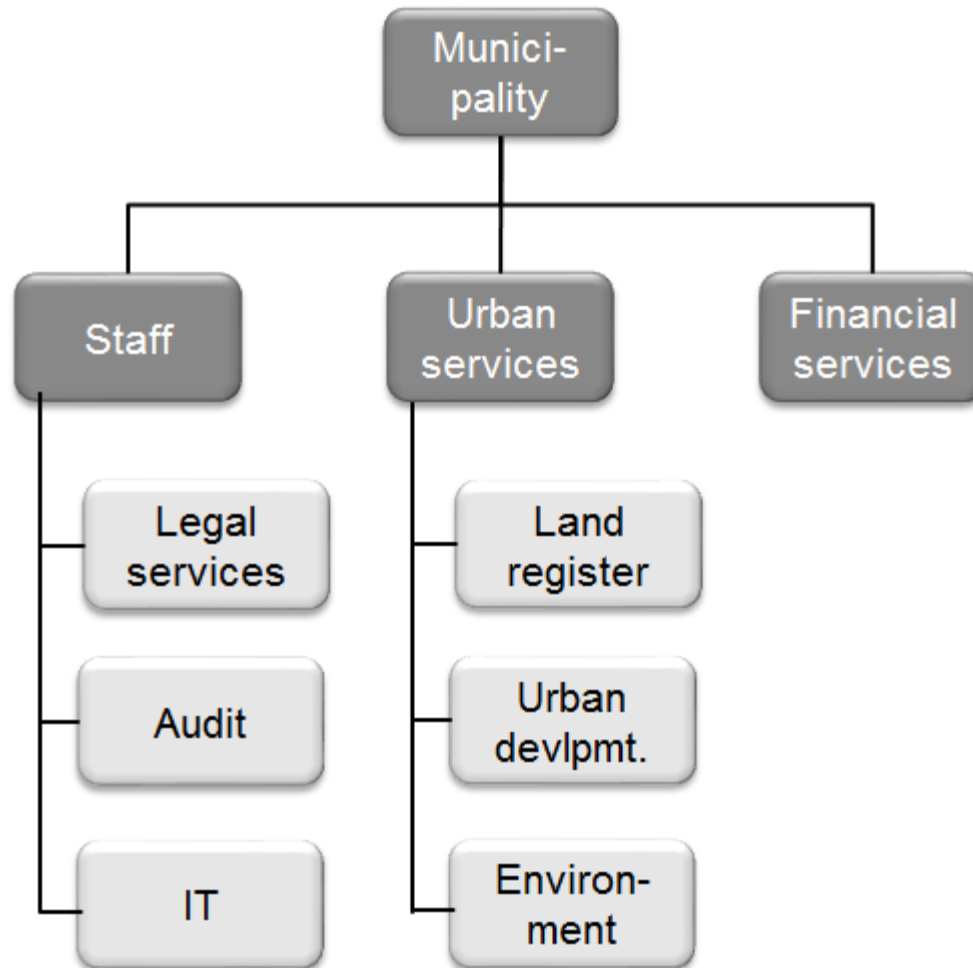
Display Commitment Item Hierarchy

Line Subtree

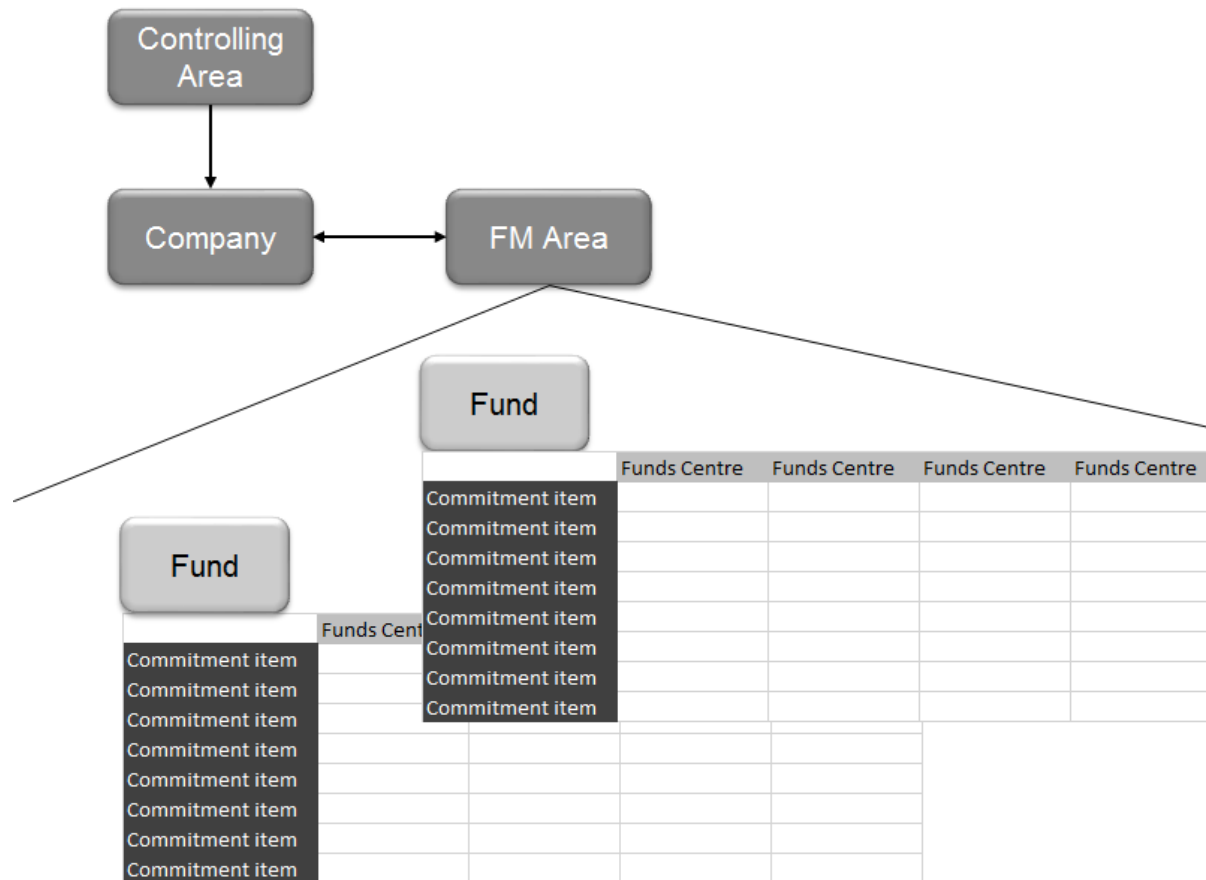
FM area 0001 FYear 0000 Variant 000

- 140000 Reconciliation custo
- 154000 VAT
- 160000 Reconciliat.vendor
- 400 Expense
 - 405200 Office Supplies
 - 415000 Procured mat/service
 - 416200 Utilities
 - 430000 Staff
 - 476900 Other expense
 - 477300 Transfers
 - 479000 Financial costs
- 800 Revenue
 - 830000 Fiscal transfer
 - 841000 Fees and dues
 - 841500 EU funds

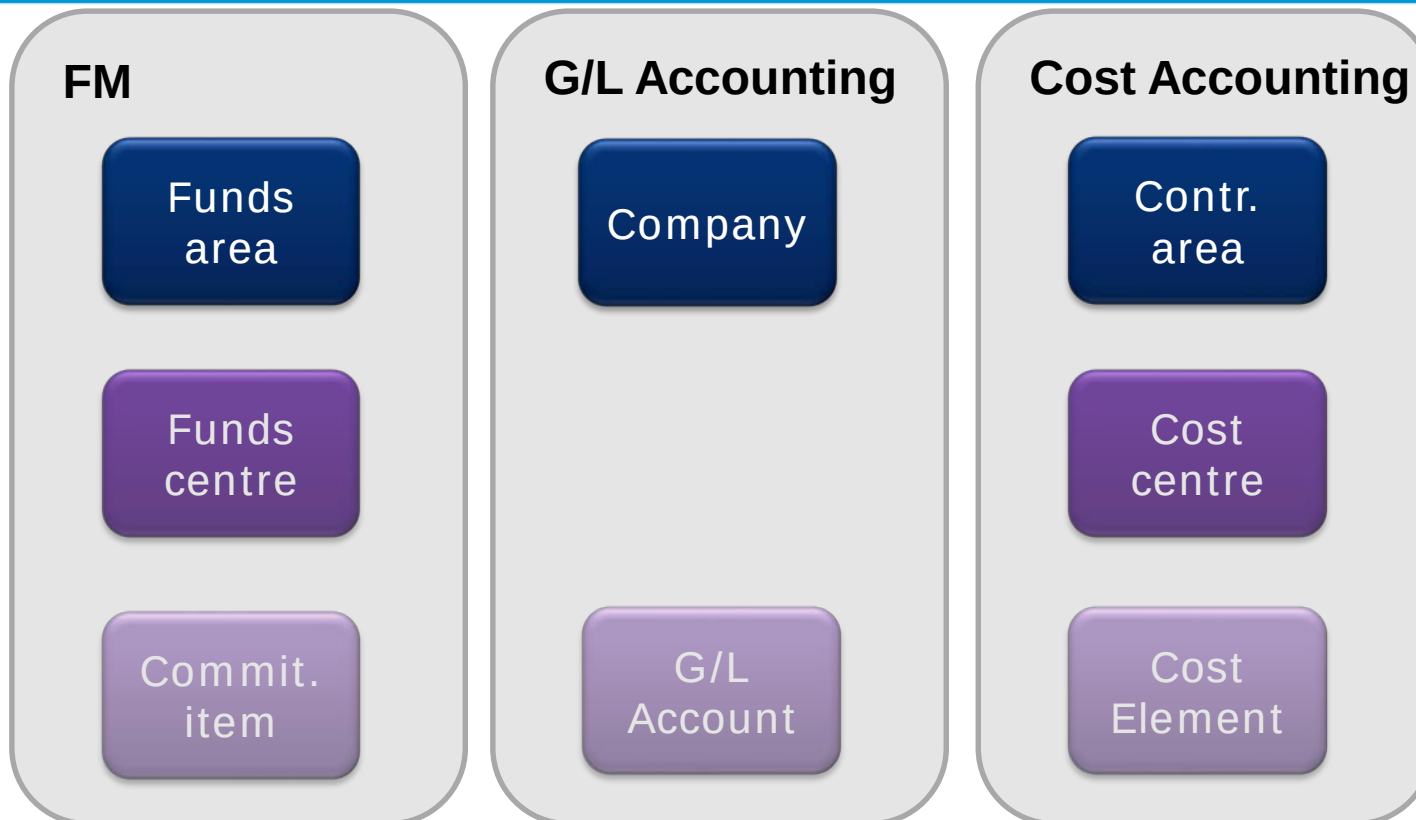
FM Master Data



FM Master Data



FM Master Data



Budget: High-level
“political” view

Tax and external
accounting

Internal controlling

FM Master Data

The screenshot displays the SAP FM Master Data interface for displaying a G/L account centrally. The title bar reads "Display G/L Account Centrally". The main area contains several fields and tabs. The "G/L Account" field is set to "415000" and is circled in black. The "Company Code" field is set to "0001" and is also circled in black. The "External procurement costs" checkbox is checked. The "Edit cost element" button is circled in black. The "With Template" button is highlighted in yellow. The "Control Data" tab is selected, showing the "Control of document creation in company code" section. The "Field status group" is set to "G033". The "Bank/financial details in company code" section is visible, with the "Commitment Item" field set to "415000" and circled in black. The "Procured materials and services" checkbox is checked.

G/L account Edit Goto Extras Environment Settings System Help

Display G/L Account Centrally

Edit financial statement version Edit set Edit cost element

G/L Account 415000 External procurement costs

Company Code 0001 Civitas

With Template

Type/Descript... Control Data Create/bank/inter... Key word/translation Information (C/A) Information (Co)

Control of document creation in company code

Field status group G033 Cost accounts for external services

☐ Post automatically only

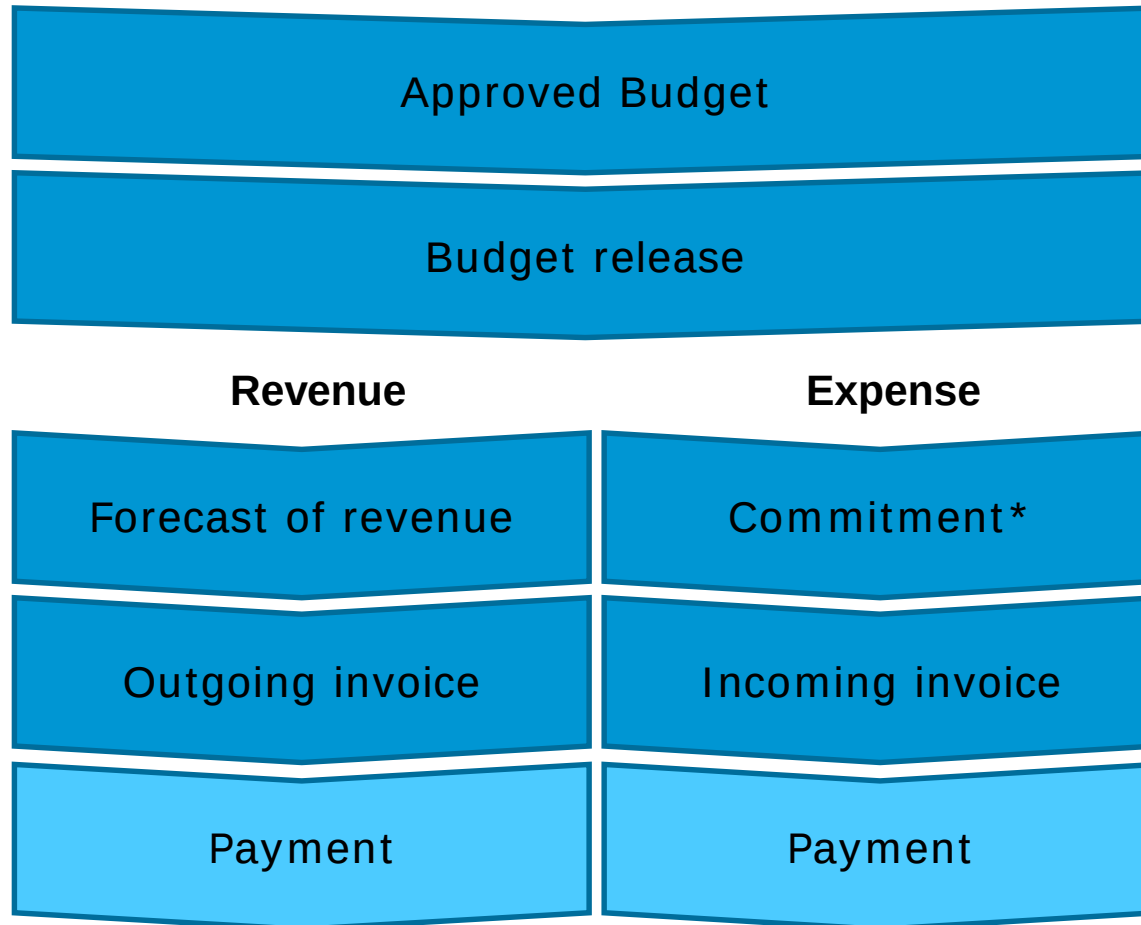
☐ Supplement auto. postings

Bank/financial details in company code

Planning Level

Commitment Item 415000 Procured materials and services

Multi-Stage Accounting



Overview

Original budget Edit Goto Extras System Help

Enter Original Budget: Entry screen

FM Area 0001 Budget type Original Budget

Version 0

Fund CV01-GB

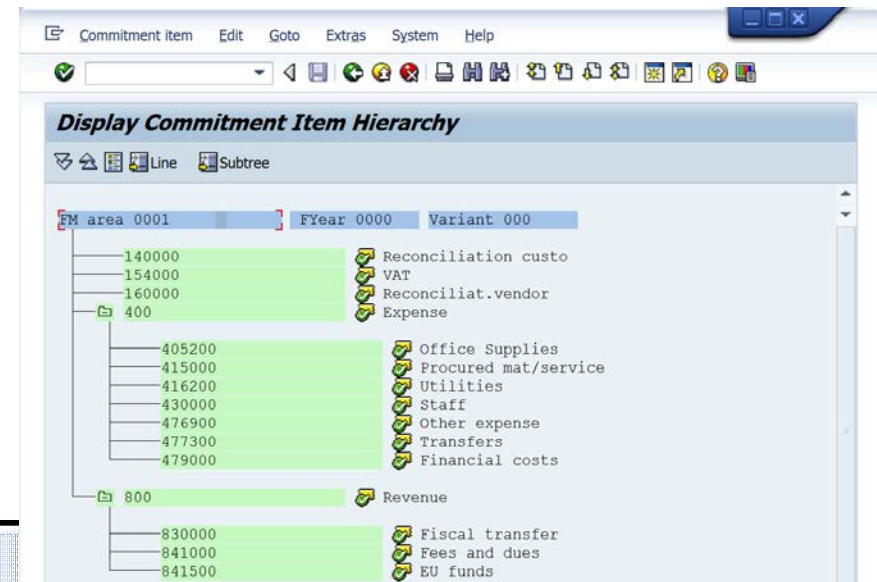
Fiscal Year 2018

Payment bud...

Itm	Funds Center	Commitment Itm	F.Ar	Amount
1	CV01-LEGAL	430000	0001	95.000,00
2	CV01-LEGAL	405200	0001	2.000,00
3	CV01-LEGAL	415000	0001	10.000,00
4	CV01-LEGAL	416200	0001	2.000,00
5				

Operational process

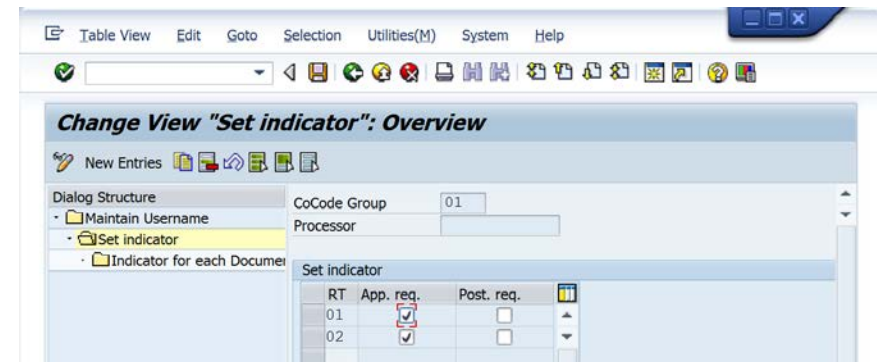
Overview



Master data

Operational process

Overview



Customizing

Master data

Operational process

Overview

Planning

Implementation

