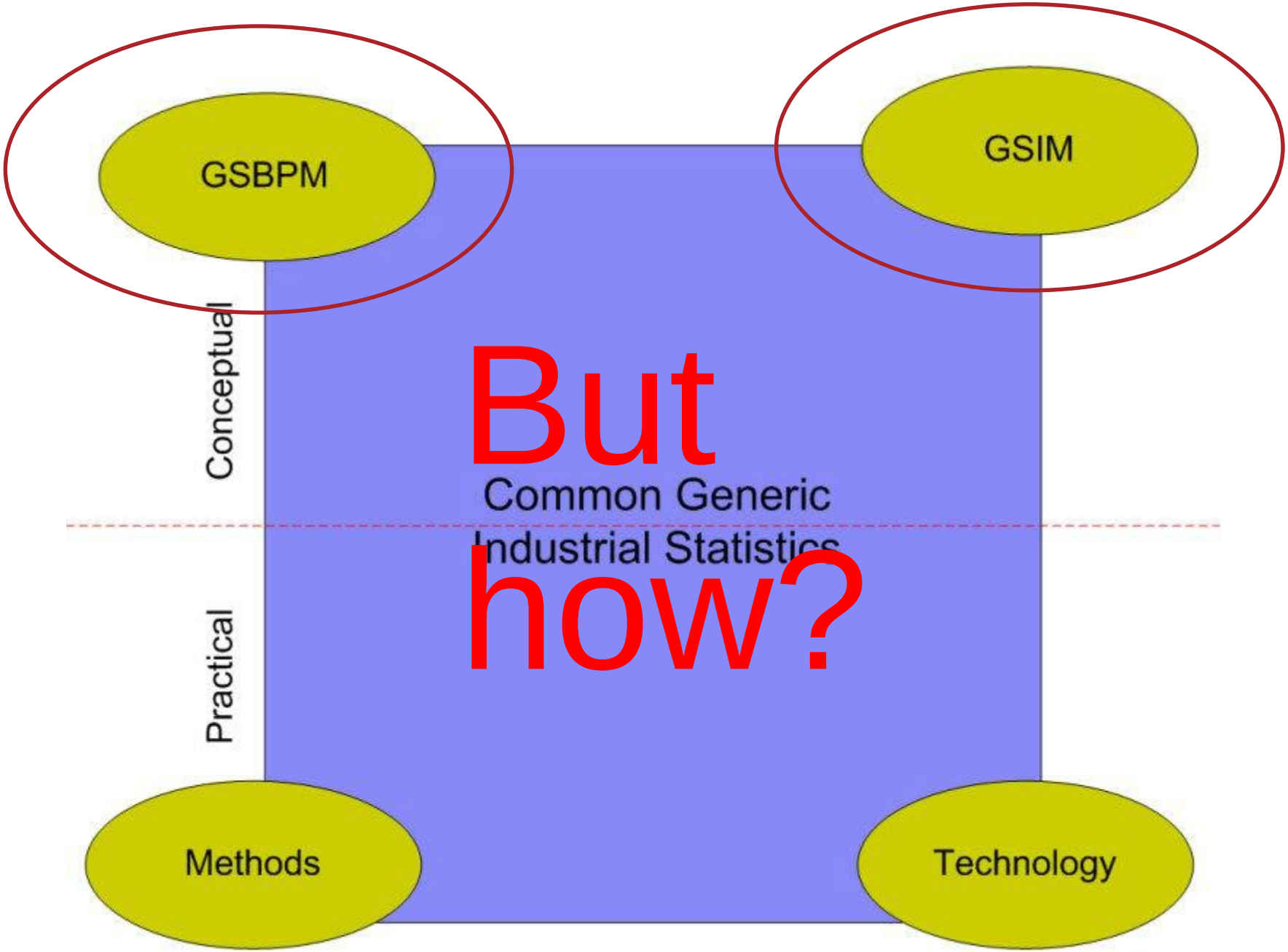
TURKSTAT PROCESS MANAGEMENT SYSTEM

Metadata and Standards Department

Metadata and Business Process Group


GSBPM
GSIM
Conceptual
But
Common Generic
Industrial Statistics
how?
Practical
Methods
Technology

-Statistical Process Model is specified
-The statistics (products) are listed
-The activities were determined
- Workflows are prepared….

But there is a problem!!!!

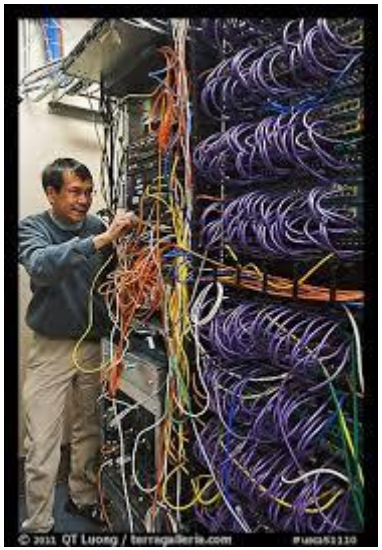
We need STANDARDISATION!!!

Need for Standardisation

Why do we need it?

20756 job steps told us “nothing”about the big picture!

- ✓ **Include “duplication”**
- ✓ **Not mappable**
- ✓ **Not manageble**

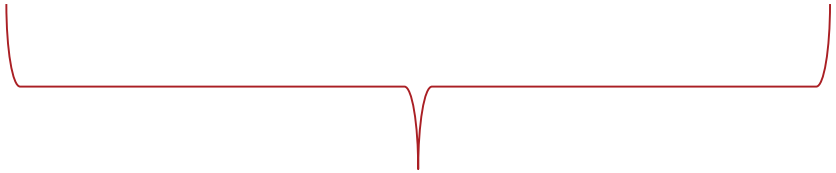


And what about the other process components?

- ✓ **Input and Output**
- ✓ **Users**
- ✓ **Systems**
- ✓ **….**

Standardisation in activities (EXAMPLE)

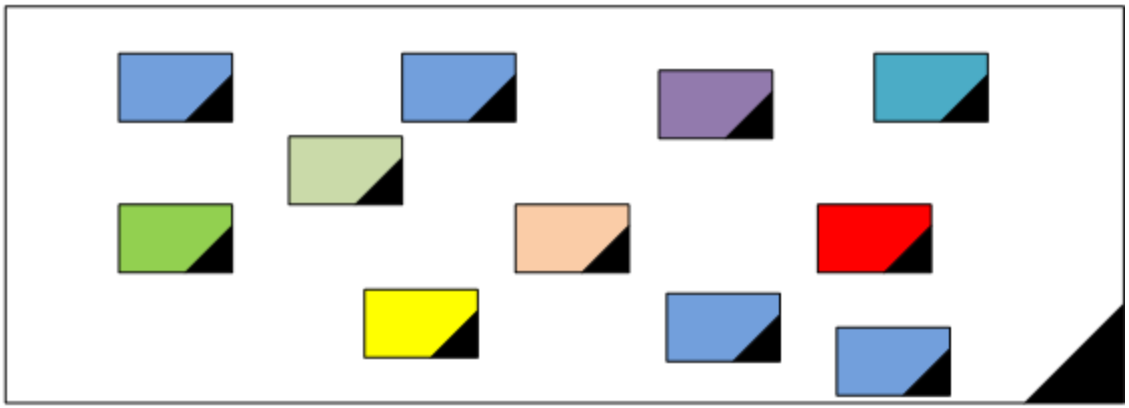
Model No	Product	Activities given
1.1.1.Identify need for information	For product A	International strategic documents are examined
1.1.1.Identify need for information	For product B	International methodologic papers are studied
1.1.1.Identify need for information	For product C	The fundemental international sources are examined



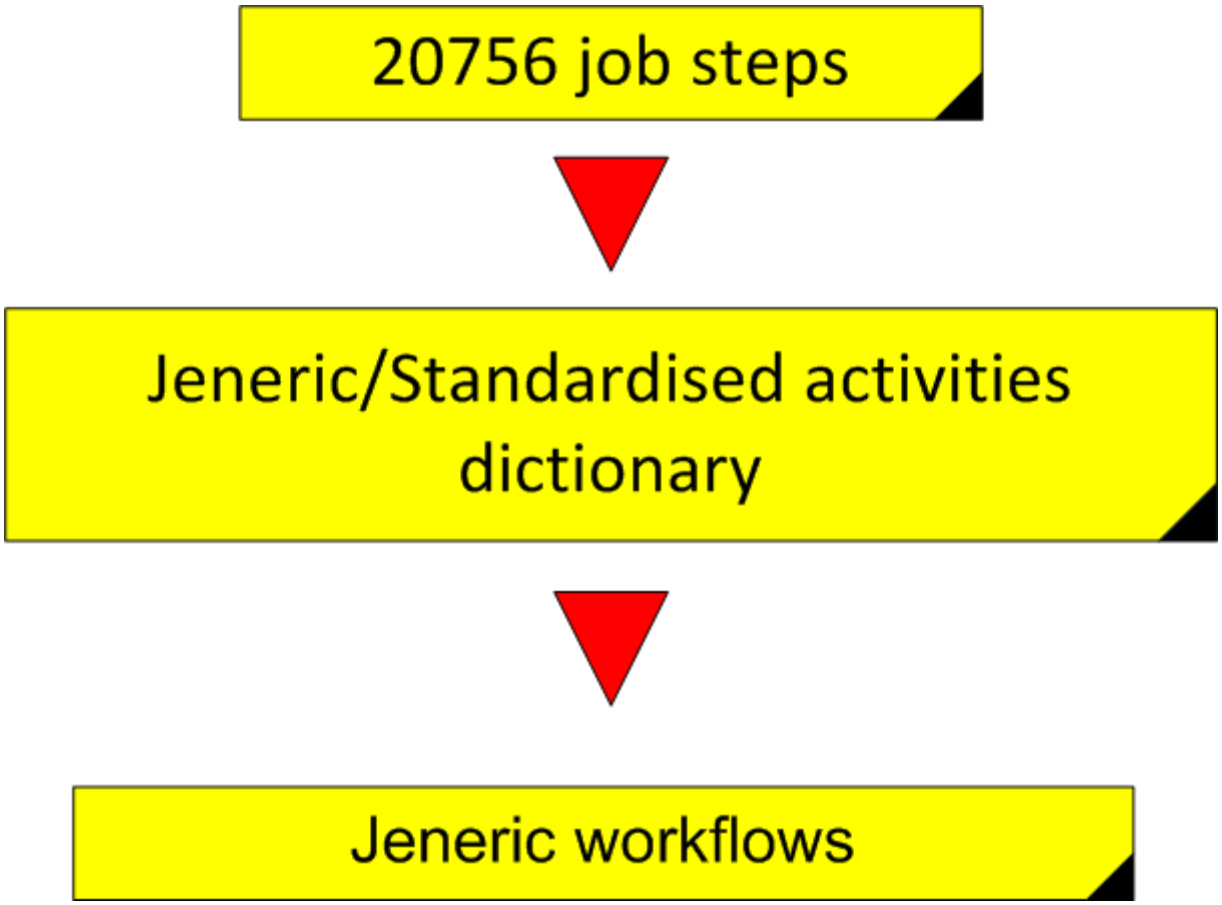
“International documents examined”

GSBPM (Jeneric)

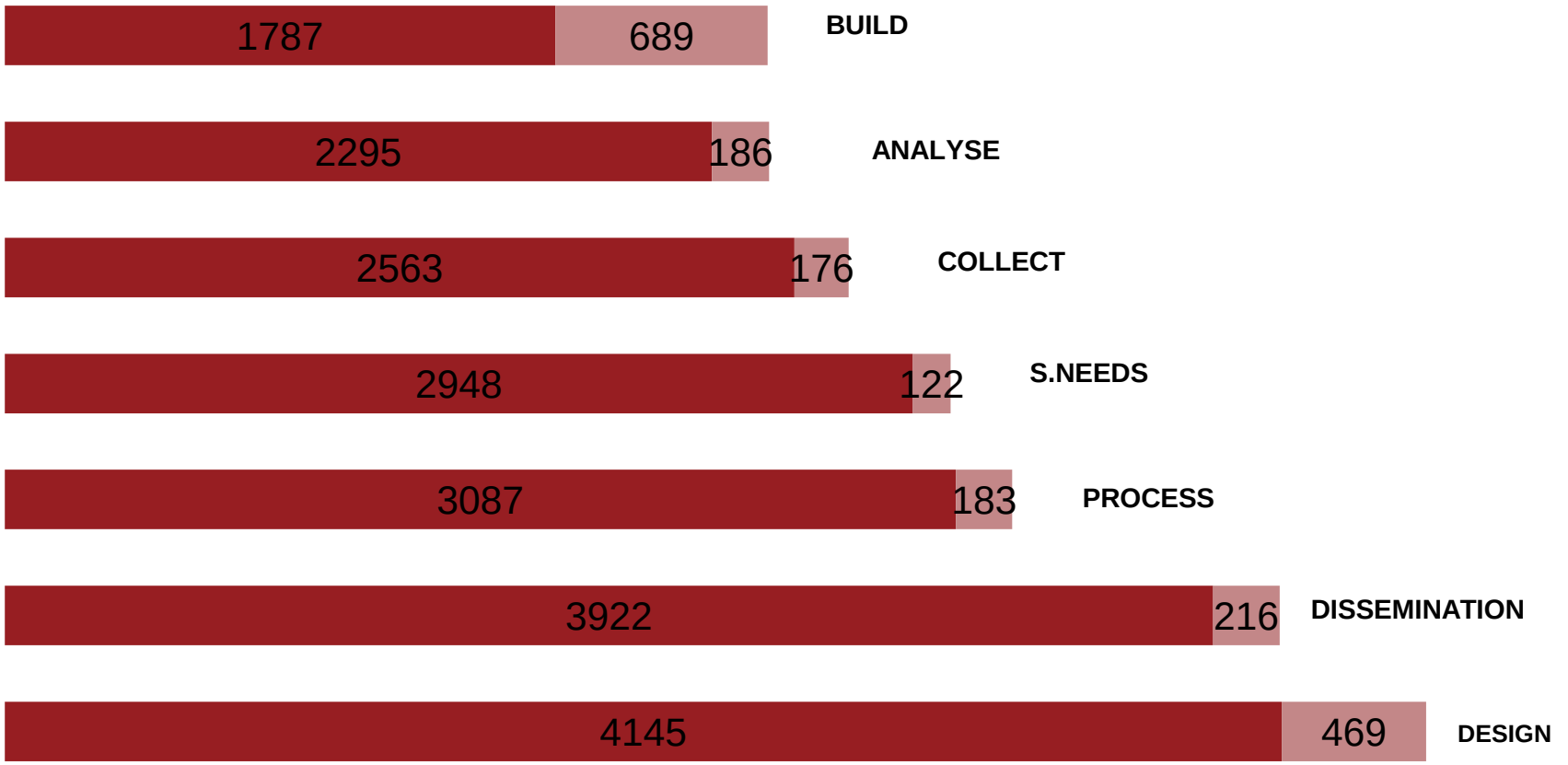
TurkStat, Lots of products, thier own processes



NOT JENERIC!!!

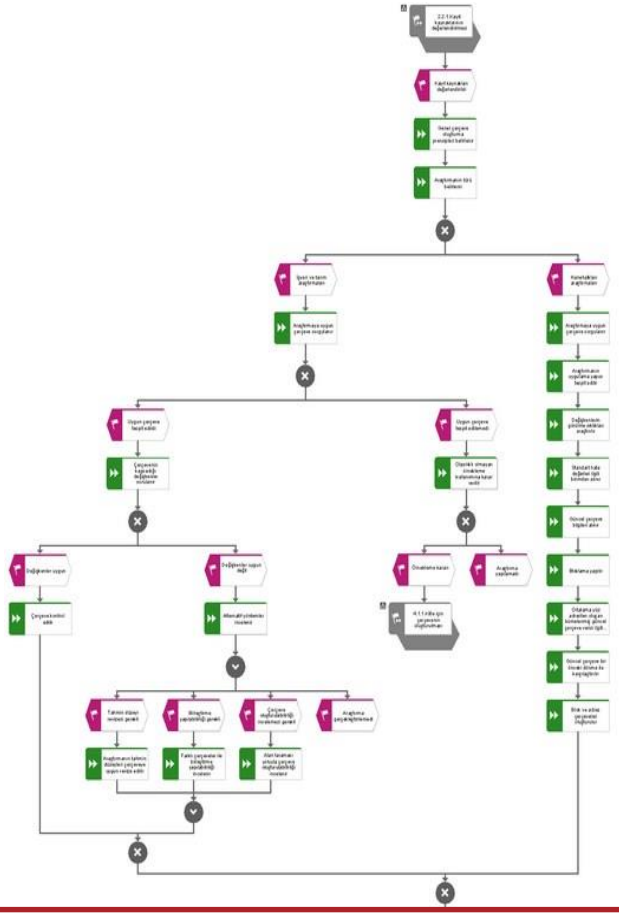

20756 job steps
Jeneric/Standardised activities dictionary
Jeneric workflows

Before Standardisation/ After Standardisation (JOB STEPS)



Standardised Workflows

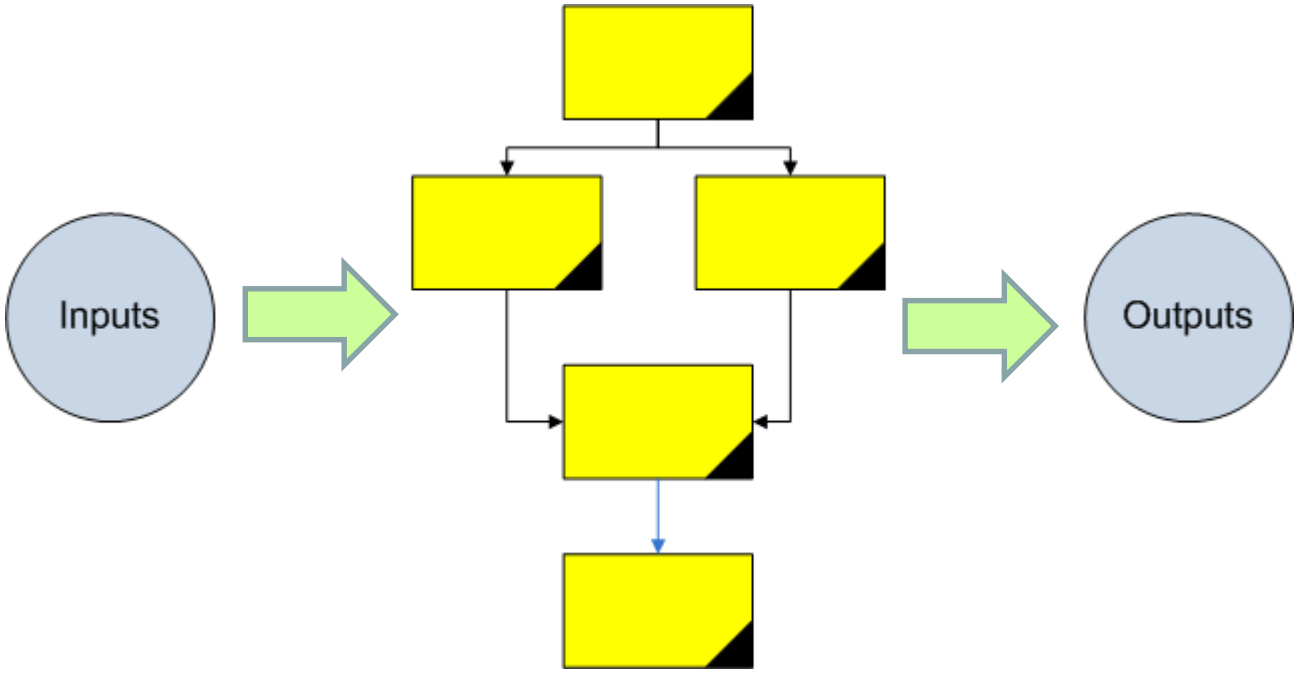
Inputs?



Outputs?

And other process components???

After standardizing the workflows it is need to be standardize the inputs and outputs.



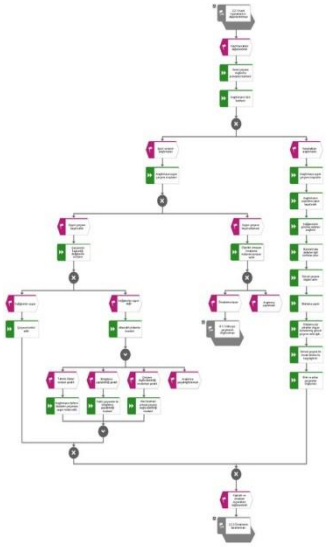
HOW???

Through the process we can see a lot of “inputs and outputs” are being produced…

We must also have to….

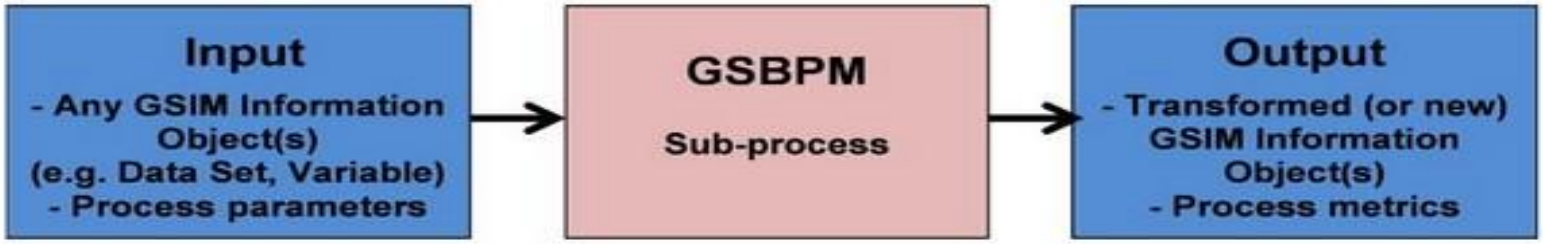
- Standardize
- Group
- Associate

…these “inputs and outputs (Information Objects)



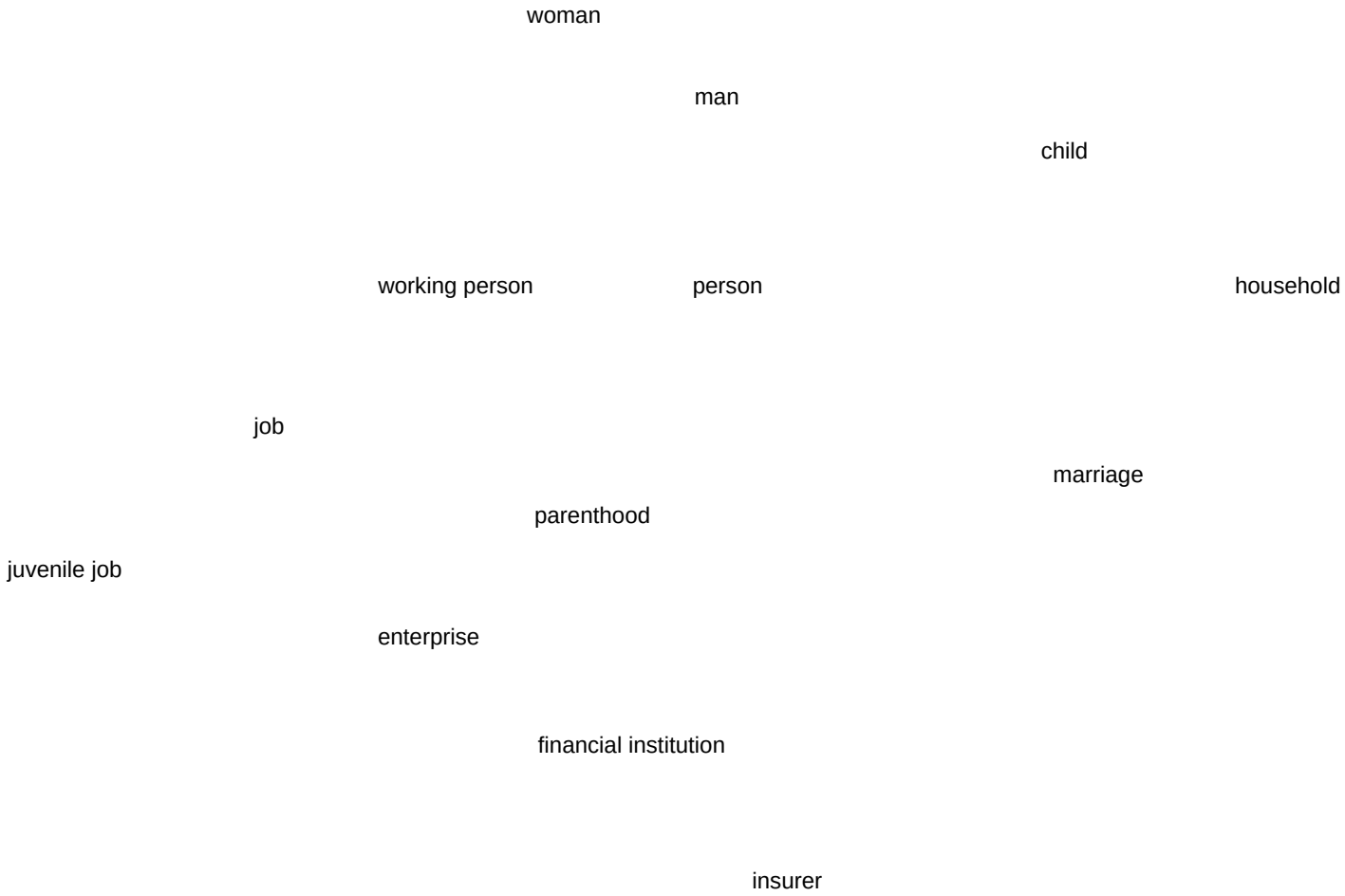
GSIM and GSBPM

- GSIM describes the information objects and flows within the statistical business process.

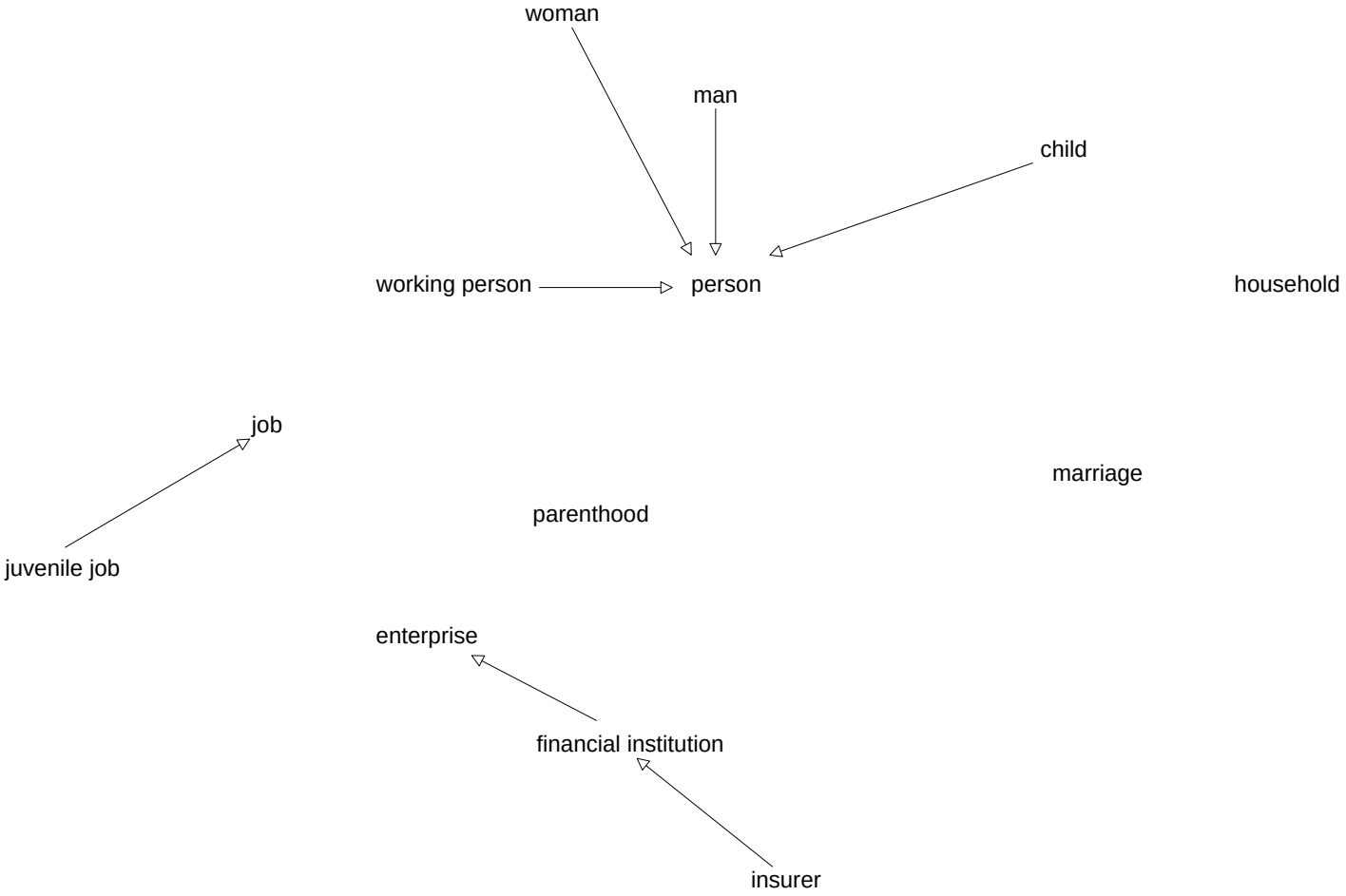


GSIM is a reference framework of **information objects**, which enables generic descriptions of the definition, management and use of data and metadata throughout the statistical production process.

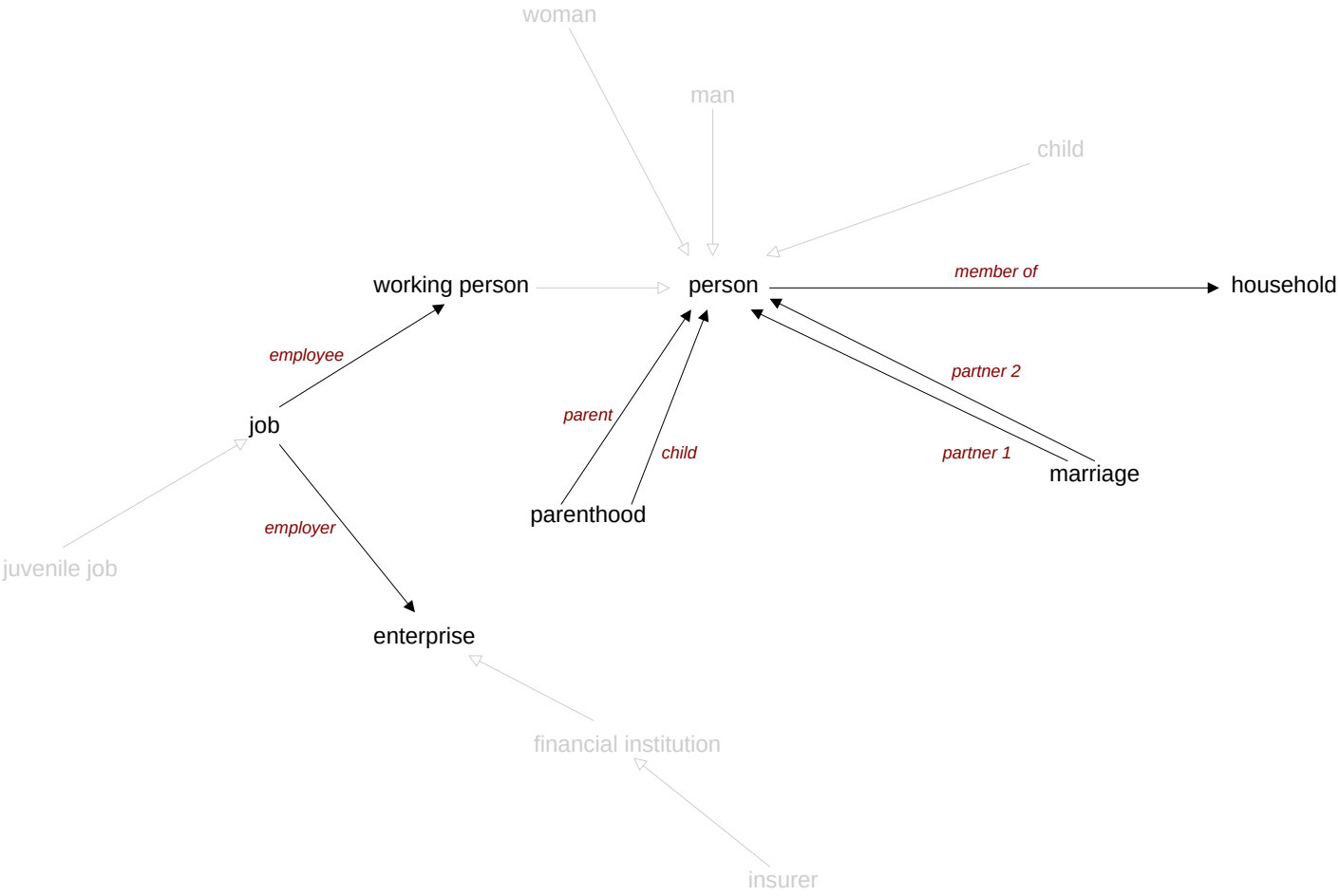
Object types



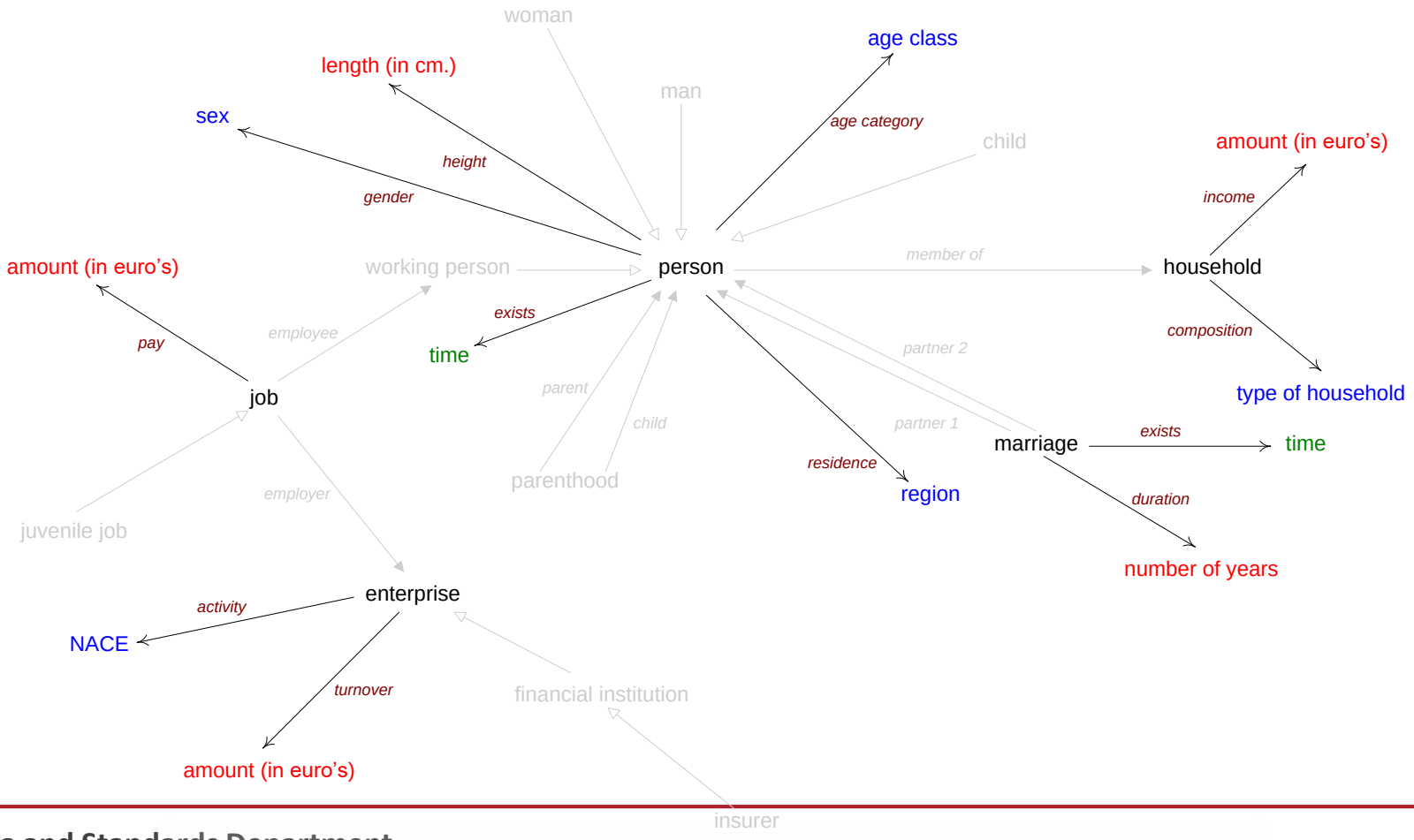
Object sub-types



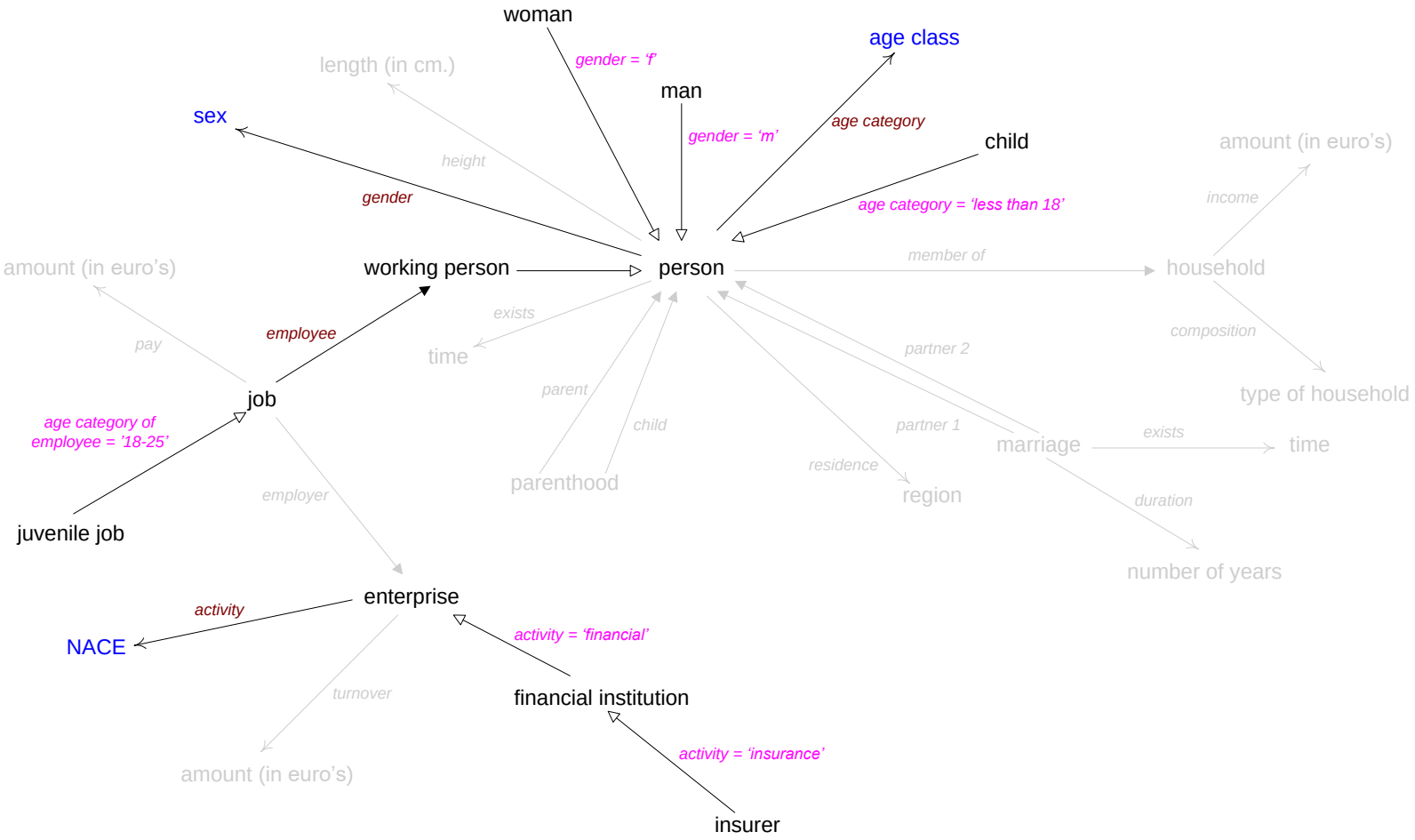
Associations



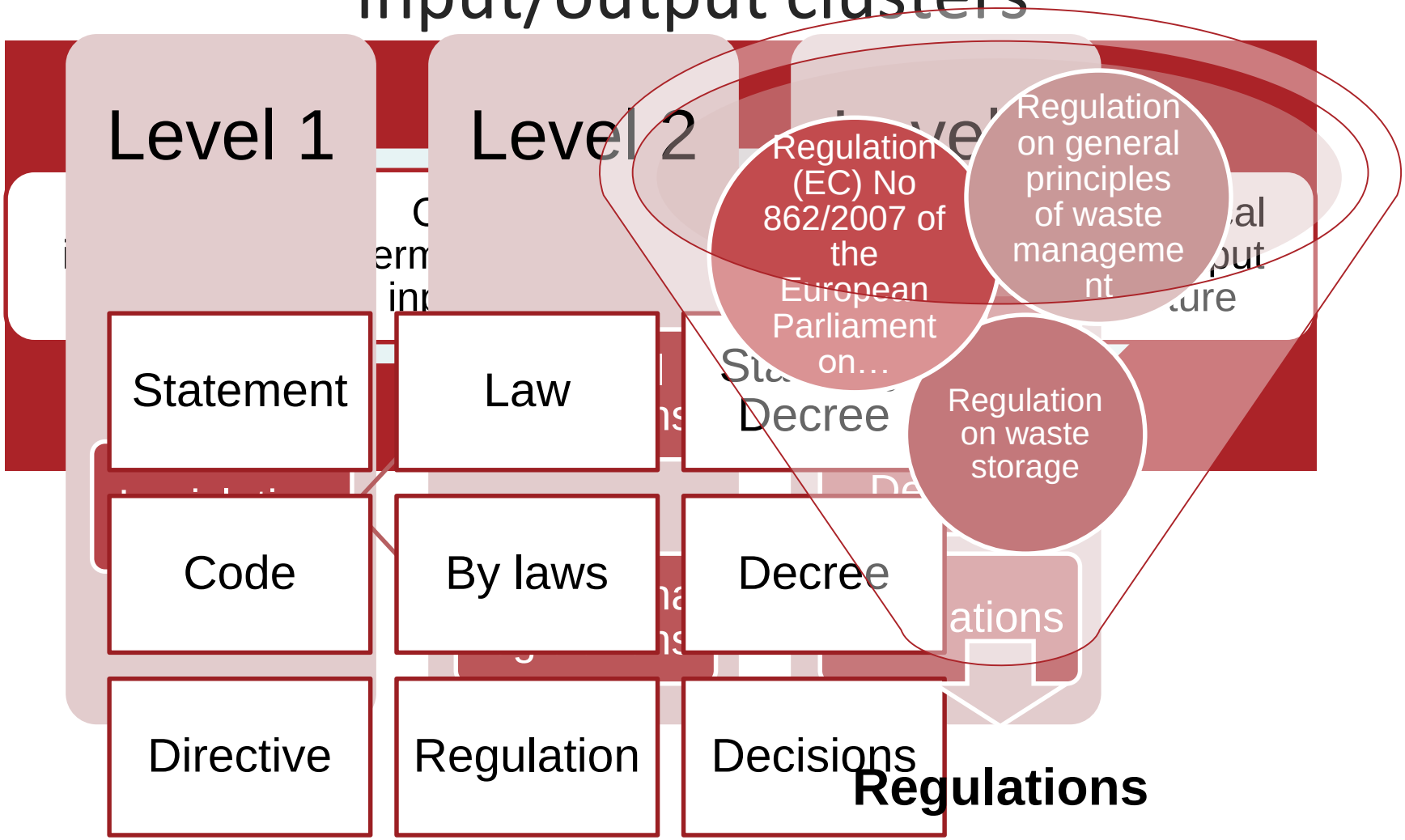
Variables


woman
age class
length (in cm.)
man
sex
age category
child
amount (in euro's)
height
income
gender
amount (in euro's)
working person
person
member of
household
pay
employee
exists
composition
time
partner 2
type of household
parent
child
partner 1
marriage
exists
time
residence
parenthood
region
duration
juvenile job
employer
number of years
enterprise
activity
NACE
turnover
financial institution
amount (in euro's)
insurer

Classification



Input/output clusters



For this purpose we need a software tool…