

# Integration of European data into the French Statistical Business Register

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BR expert group meeting

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Insee

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WHY, WHAT, HOW

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## How?

Use the data from EU SBR for:

Update the structure and  
perimeter of GEGs

Delineation of ENTs

## What?

Foreign Group implanted  
in France , especially  
foreign GEGs profiled  
with an algorithm

## Why?

To improve  
French SBR  
quality

# 2

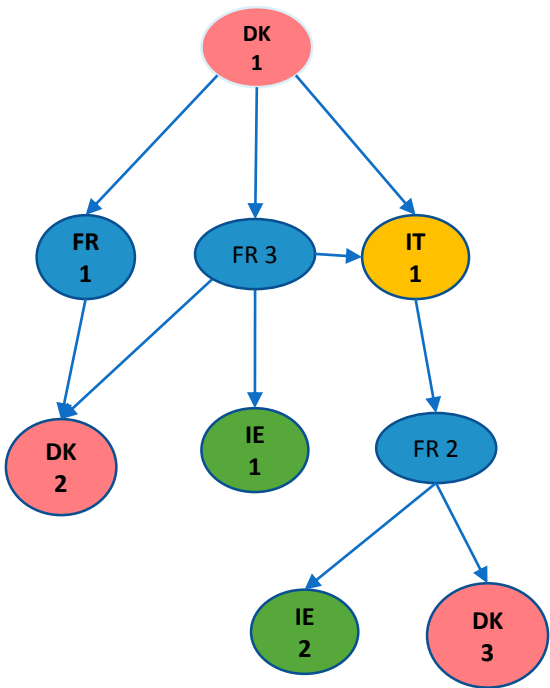
## PROFILING DESCRIPTION

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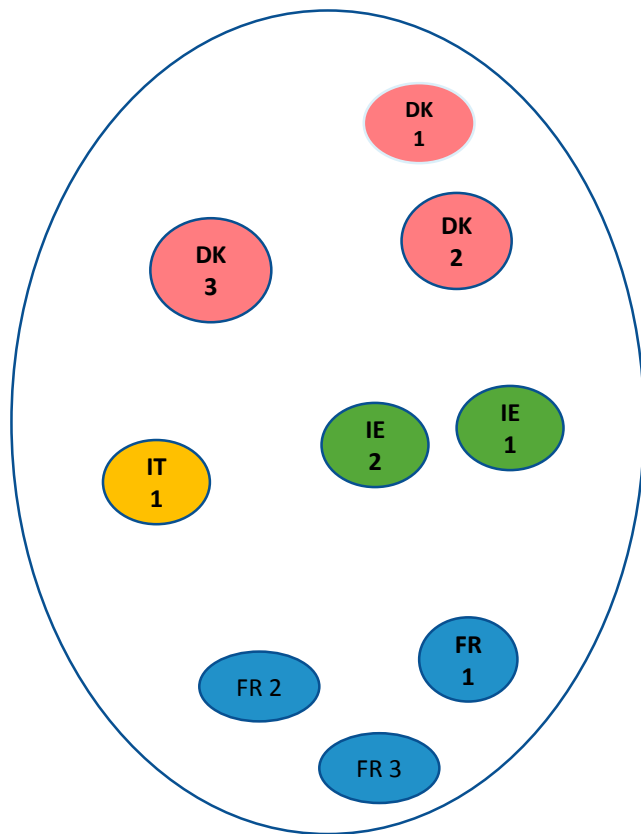


- Delineation of the GEGs implanted in France
  - A specific Business Relationship Register (Lifi) to create the French part of the GEG
  - Data sources:
    - national administration e.g. Central Bank and tax administration ;
    - Commercial data.
  - Scope : relationships with at least one FR LEU (with an other FR LEU or a foreign LEU)
- Manual profiling for the most important GEGs (Pop 1), Profilers obtain :
  - Perimeter checking
  - Delineation of ENTs
  - ENT consolidated account
- Automatic profiling for the other GEGs (Pop 2), an algorithm for :
  - Delineation of ONE ENT within the group
  - ENT consolidated account

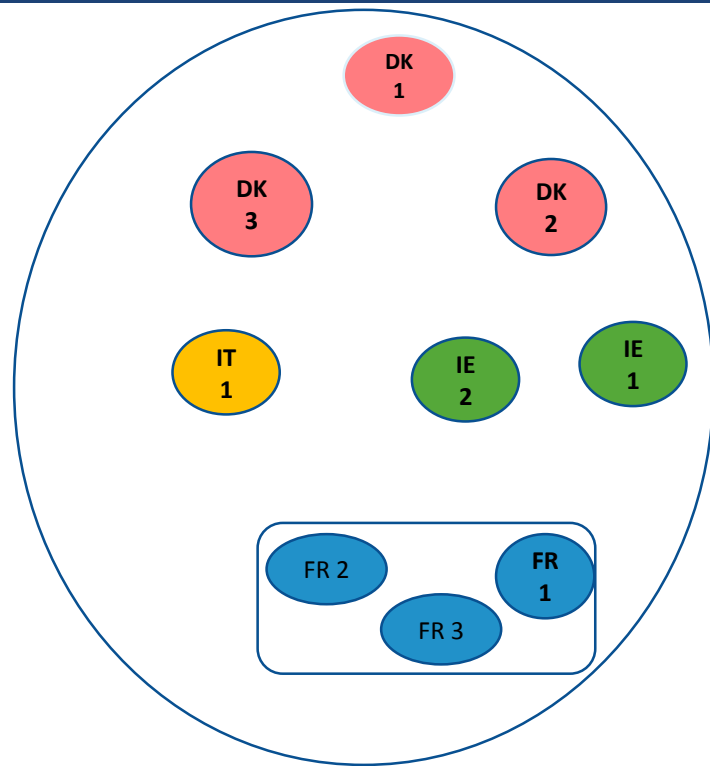
# National profiling



Group structure is set up by the French BR (Lifi) based on relationships between LEUS

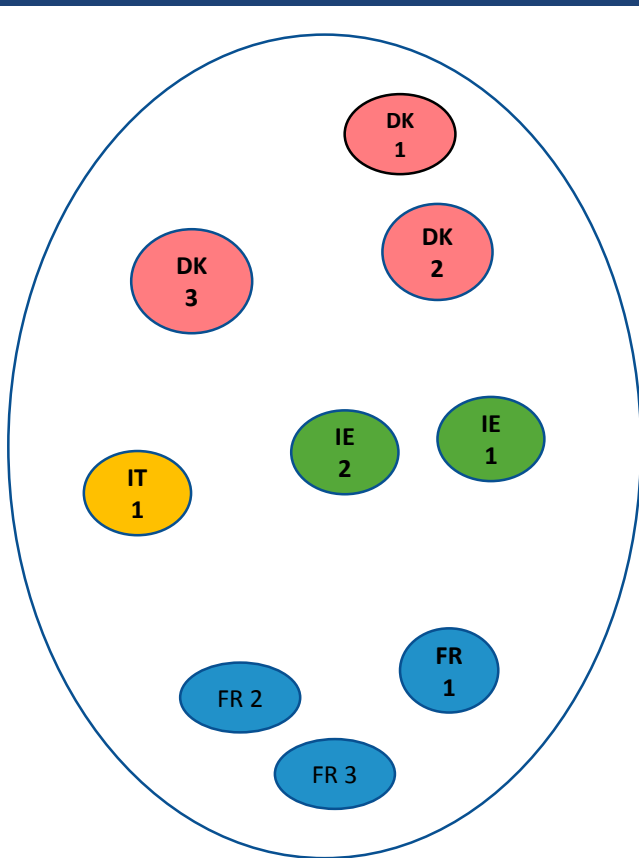


Group perimeter is the set of LEUs within the group

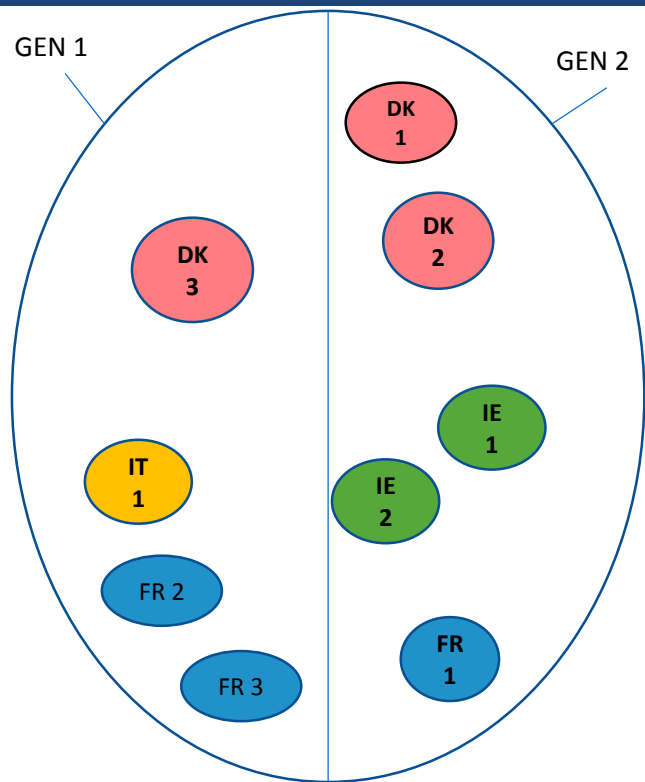


National profiling delineates French Enterprises within the national perimeter of the group

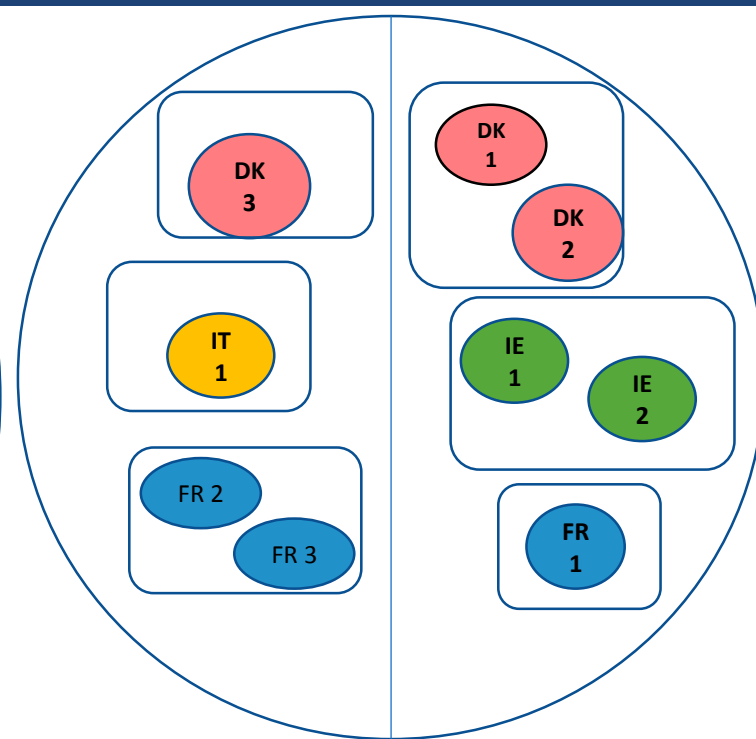
# European profiling



Danish Group perimeter is provided by the EU BR (EGR)



Danish profiler delineates 2 worldwide Enterprises (GENs) within the perimeter of the group



National footprint of the GEN called TENTs are proposed as ENTs to the IT, IE and FR NSIs

# 3

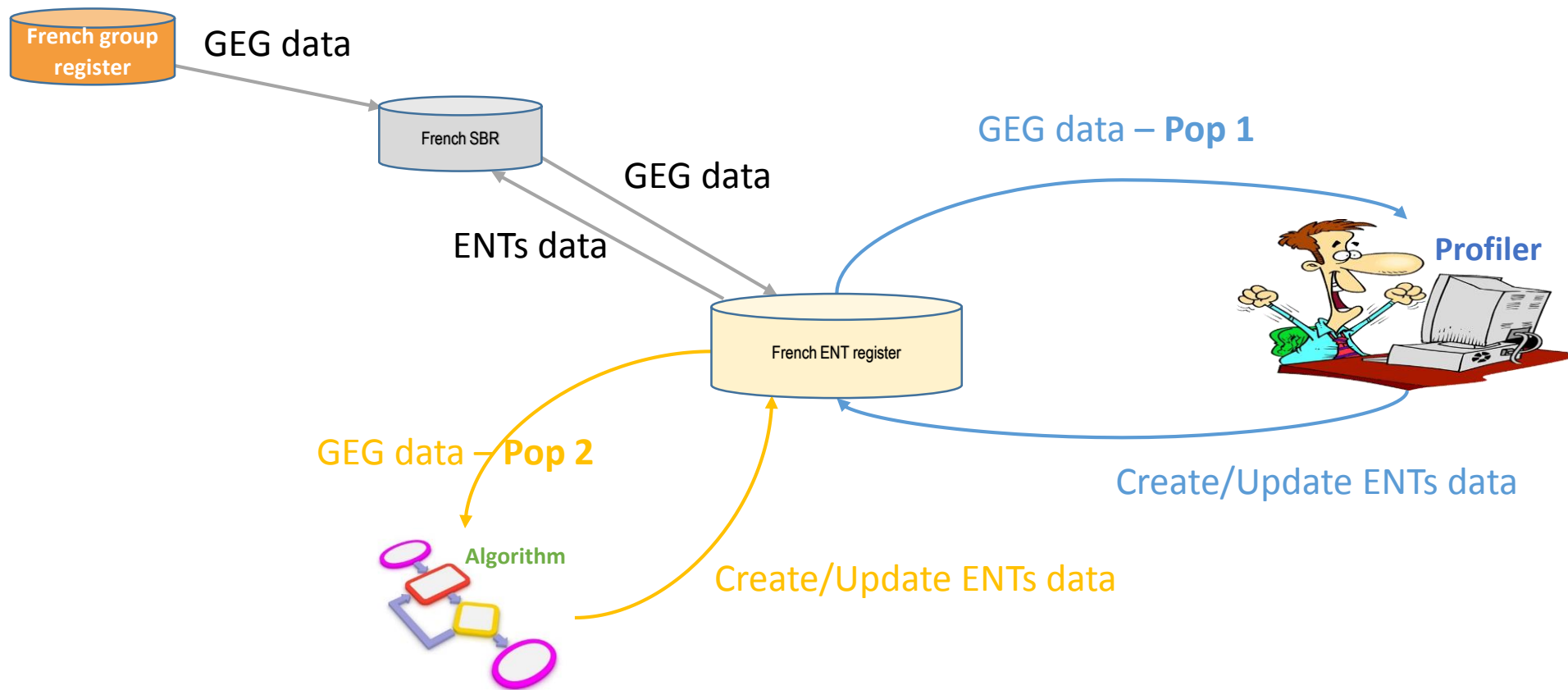
## IMPACT IN THE FRENCH NSBR

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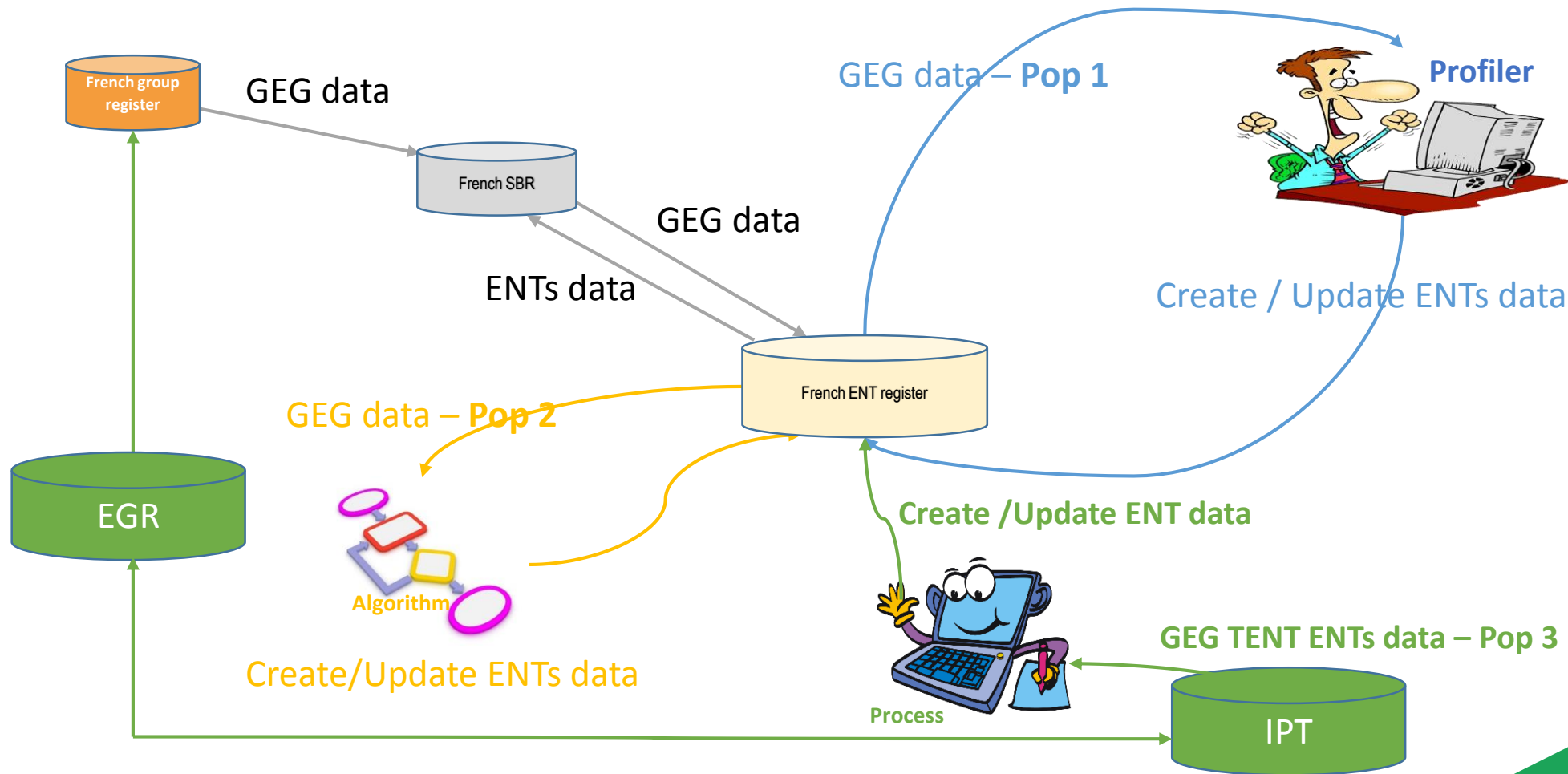




# ENTs dataflow today : without IPT data integration



# ENTs dataflow tomorrow : with IPT data integration



- **IPT is a new source**
- **Integration of the pop 3 will be possible**
  - if the French profilers validate the ENT in the IPT
  - if there are follow-ups if the structure of the group change
- **For each GEG of the Pop 3 the IPT should provide:**
  - GEG characteristics
    - The GEG EGR ID,
    - GEG perimeter in term of LEUs
  - ENTs characteristics
    - ENT ID
    - ENT perimeter in term of LEUs
    - ENT economic characteristics (Nace Code, turnover, employment)

- **Process steps in the French ENT register**
  - Identification of the GEG in the French nSBR i.e. GEG national ID
  - For each identified GEG
    - The GEG perimeter provided by the IPT will overwrite GEG perimeter in BCE
    - The delineation of French ENTs / TENTs provided by the IPT will overwrite the ENTs delineation in BCE
    - The economic variables for the new ENTs will be assessed by the algorithm used in automatic profiling
- **Process steps in Lifi**
  - The data about the GEG coming from EGR are checked and integrated in Lifi

# 4

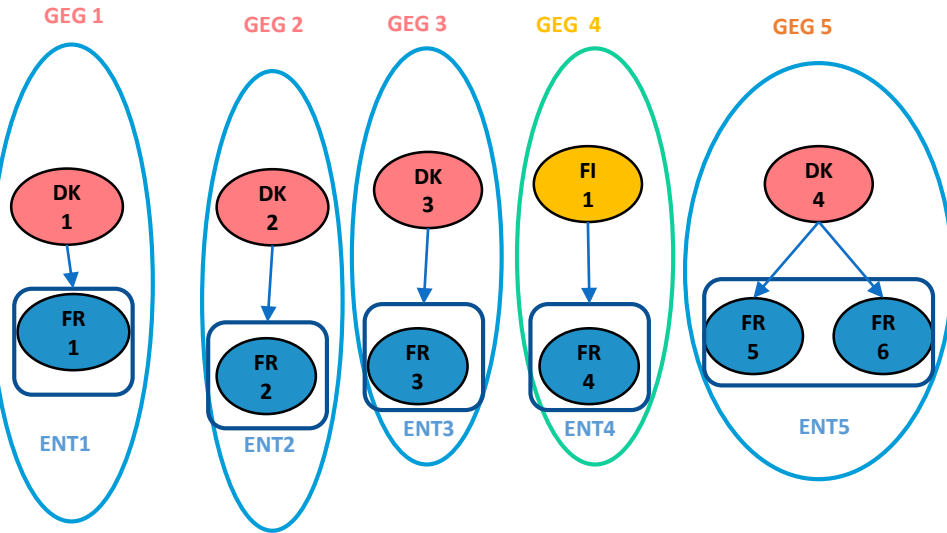
## IMPACT IN THE STATISTICS

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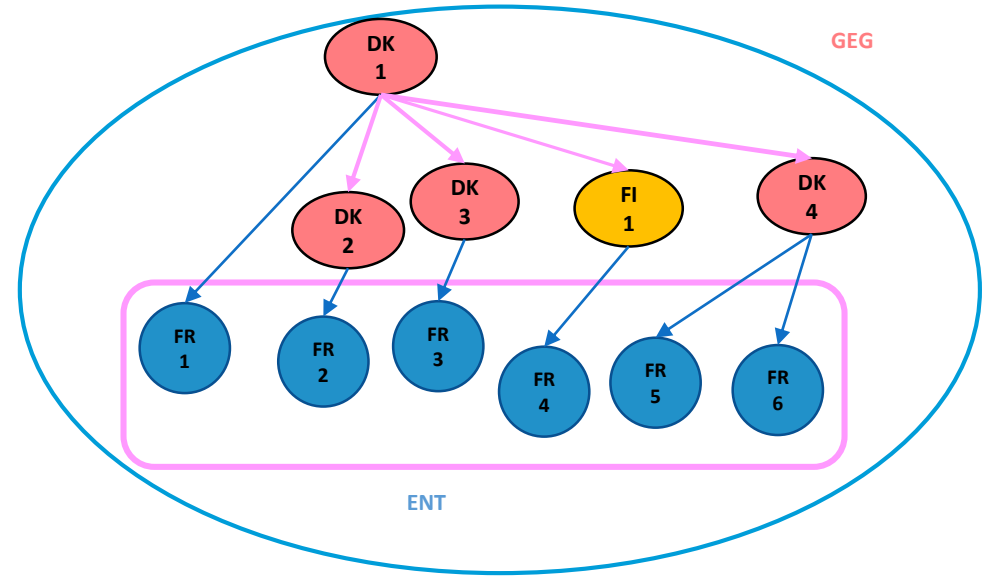
# Example 1 - EU SBR data integration

## Without EU SBR data integration



The French SBR considered 5 different GEGs and the algorithm created 5 ENTs with the French part of the GEGs. The French BR collects only the direct links between a French and a foreign LEU

## With EU SBR data integration



EU SBR provides a better GEG structure and perimeter and suitable ENT delineation  
One Danish GEG and one French ENT including 6 LEUs

## Example 1- impact of EU SBR integration at ENT level

### Without EU SBR data integration

Activity Nace code	Number of ENT	Turnover (K€)	Employment
Wholesale	2	182 483	182
Manufacture of machinery	1	138 370	408
Specialized construction activities	2	346	0
Total	5	321 199	590

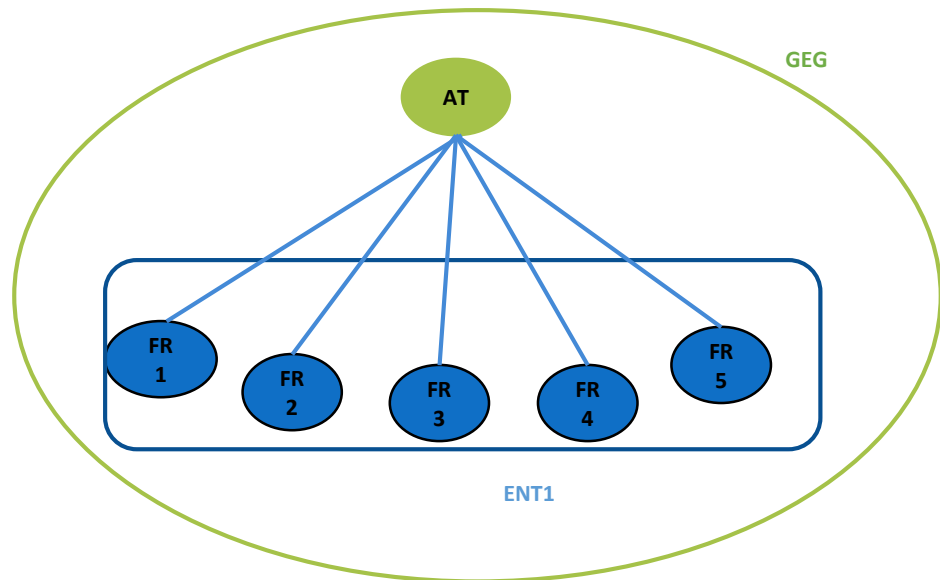
### With EU SBR data integration

Activity Nace code	Number of ENT	Turnover (K€)	Employment
Manufacture of machinery	1	182 829	590

Impact on the distribution by activity and on the amount of turnover with the consolidation

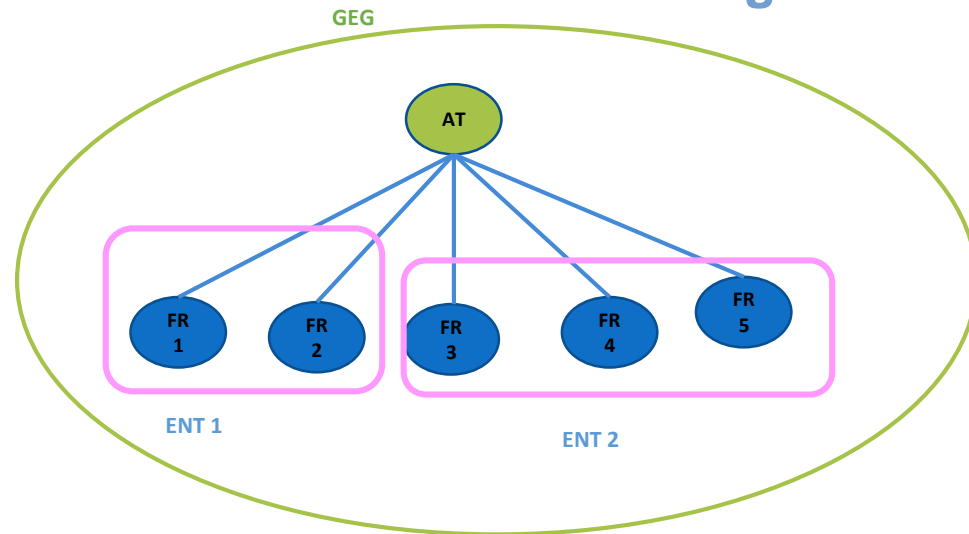
## Example 2 - EU SBR data integration

### Without EU SBR data integration



The French SBR considered one Austrian GEG and the algorithm created one ENT with 5 LEUs with the French part of the GEGs

### With EU SBR data integration



EU SBR provides, for the groups which are manually profiled a better ENT delineation  
One Austrian GEG with 2 French ENTs



## Example 2 - IPT data integration statistical impact at ENT level

### Without IPT data integration

Nace code	Number of ENT	Turnover (K€)	Employment
23.32	1	231 993	978

### With IPT data integration

Nace code	Number of ENT	Turnover (K€)	Employment
23.32	1	176 600	805
22.21	1	55 393	173
Total	2	231 993	978

# Thank you!

Any question?

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