

QUALITY MANAGEMENT FOR PROFILING IN GERMANY

Group of Experts on Business Registers

Meeting in Paris 27-29 September 2017

Session 6:

Quality measurement and quality management frameworks

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What is an “enterprise”

The smallest combination of legal units that is an organizational unit producing goods or services, which benefits from a certain degree of autonomy in decision-making, especially for the allocation of its current resources.

An enterprise carries out one or more activities at one or more locations.

An enterprise may be a sole legal unit.

What is „Profiling“

A method
to analyse the structure
of an enterprise group
in order to establish statistical units
for data collection

Methods of Profiling

Manual „Intensive“ Profiling: In direct contact with the management of an enterprise group

Manual „Light“ Profiling: Using available information e.g. annual reports, internet, press etc.

Automatic procedures: Using probabilistic assumption, typical (e.g.) legal patterns and typical (economic) activities

Schematic approach: regard enterprise groups (of certain degree of simplicity or even all of them) as enterprises

Profiling in Germany – a new task

- Executed by the statistical **business register**
- **Manual and Automatic** Profiling
- Identification of **enterprise structures** (as set of legal units)
- Identification of enterprises in **national perimeter**
- Does **not include data collection** besides core variables

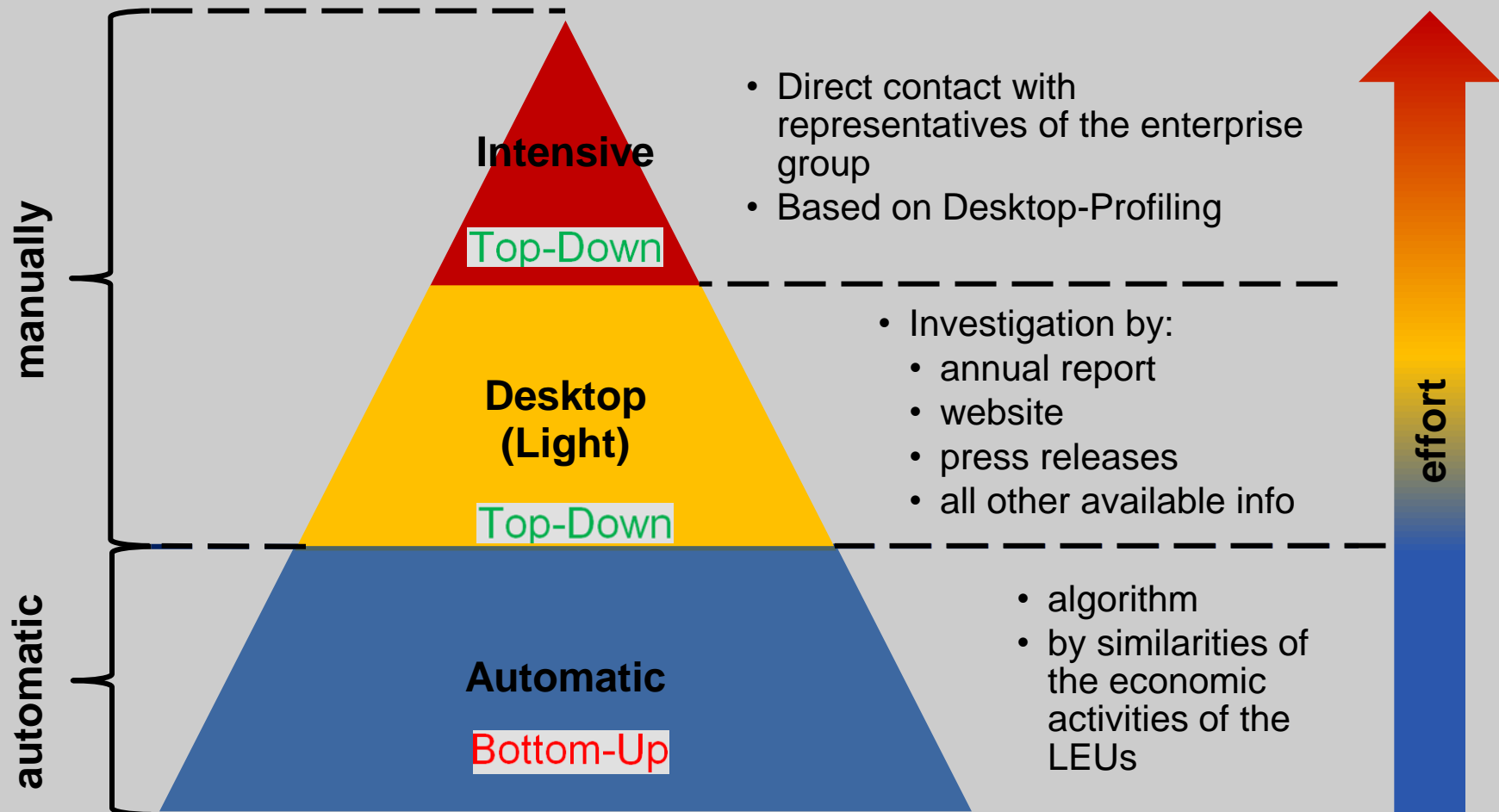
Profiling: Aspects of quality

- Target Population
- User orientation
- Structure and content

Target population

- Manual profiling requires high resources
- Accordingly it should prioritize on big enterprise groups, expecting to find out about big enterprises
- All other enterprise groups: Automatic Profiling

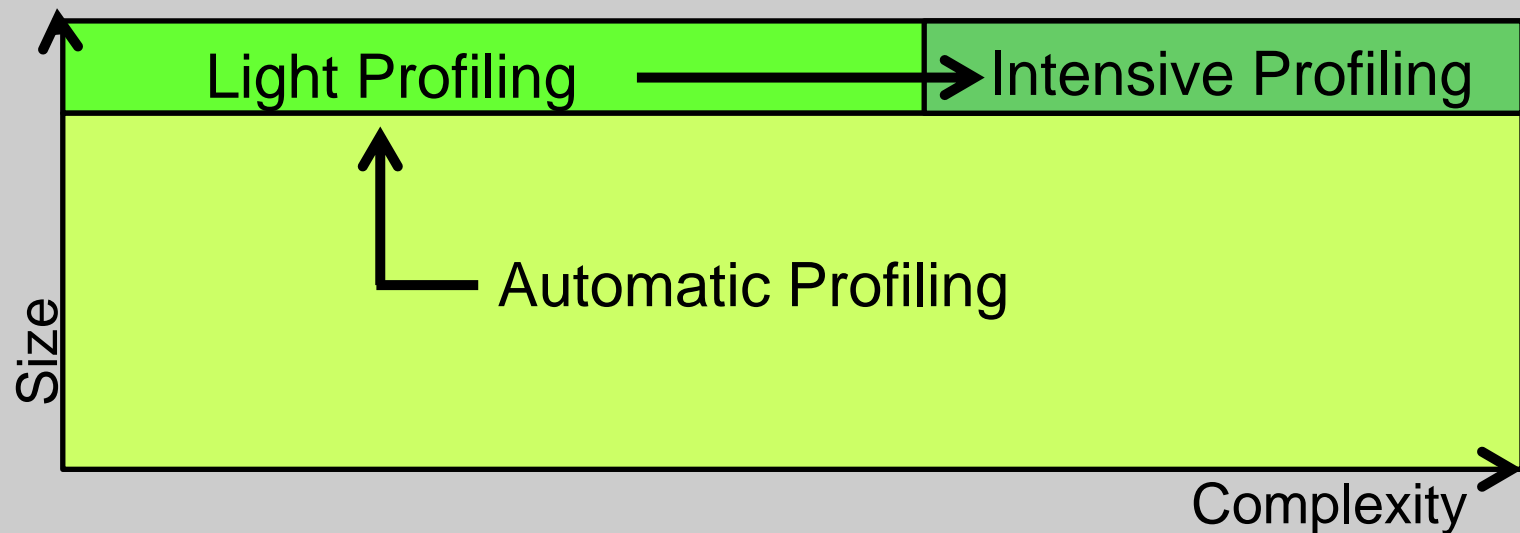
Target population



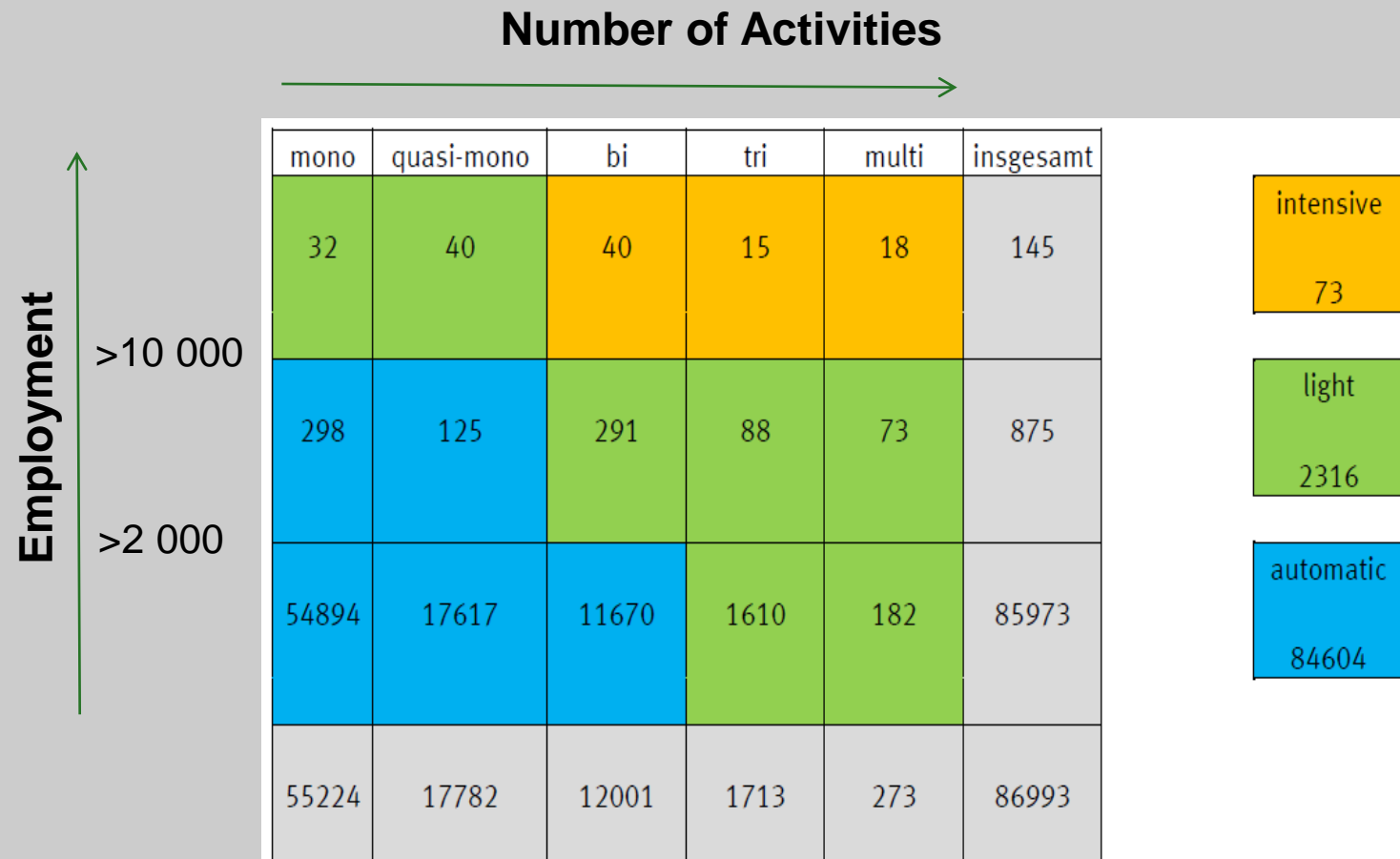
Target population

Starting point: enterprise groups

More than 100.000 enterprise groups in Germany



Target population



User orientation

Profiling is a means in order to provide statistical users with appropriate statistical units.

How to identify the main points of interest of the users?

Differentiate the purposes/functions of units:

Respondent – Observation Unit – Statistical Unit

Which unit?

In which function?

For which statistics?

User orientation: Choice of unit functions

Purpose/function of Units	Status quo	Status quo plus	Status quo rev.
Frame/sample unit	Legal Unit	Legal Unit	Enterprise
respondent	Legal Unit	Legal Unit	Legal Unit
Observation unit	Legal Unit	Legal Unit	Enterprise
Statistical unit	Legal Unit	Enterprise	Enterprise

German
approach

User orientation

Structural Business Statistics (SBS, FATS)

enterprise, but only in national perimeter

Short Term Statistics (STS)

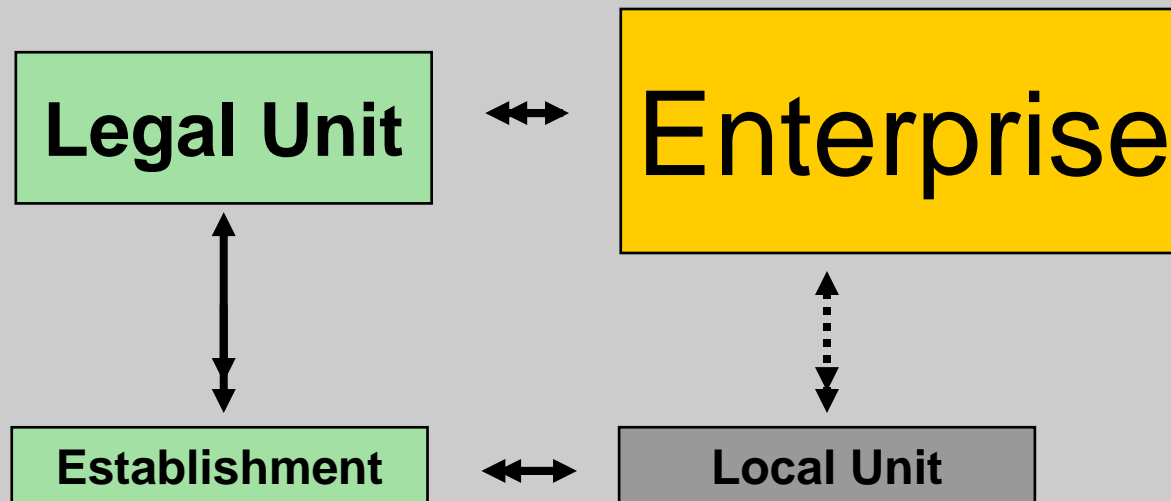
no longer enterprise: instead kind of activity unit (KAU)

National Accounts

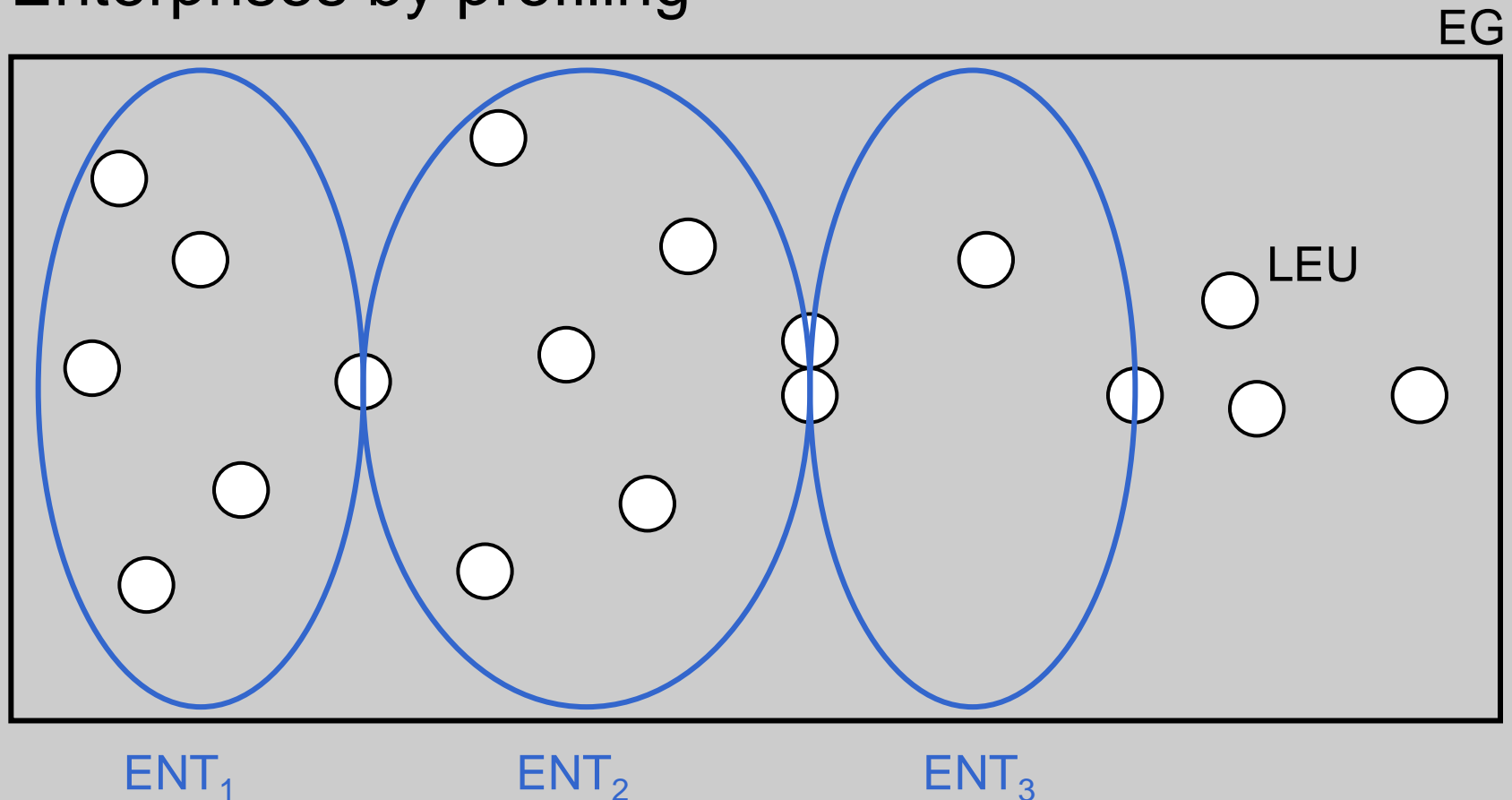
Institutional unit (national perimeter) in best approximation

User Orientation: BR Data Model

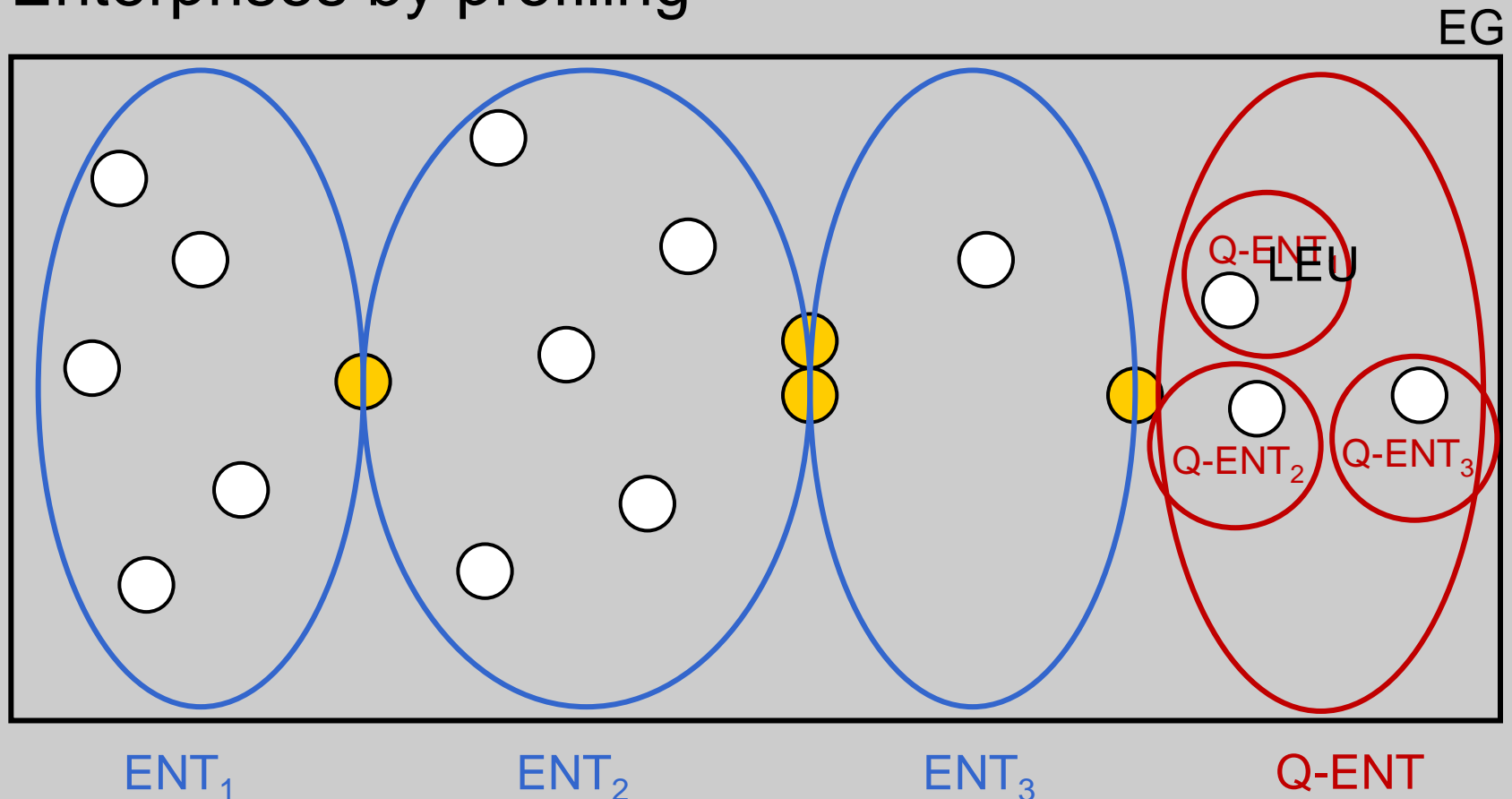
Enlargement of the data model: **complex enterprise**



Structure and content Enterprises by profiling



Structure and content Enterprises by profiling



Target Population:
User Orientation:
Structure and content:

How to
coordinate profilers?

Federal System of Statistics
in Germany



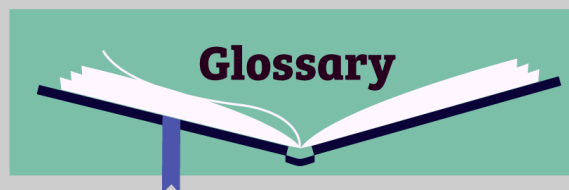
How to coordinate Profilers?

Aims for the **Profiling Service Desk** at Destatis:

1. Provide methodological explanation (documents)
2. Provide common tools
3. Provide methodological advice (feedback)
4. Support communication
5. Support data access (file pool)
6. Enable evaluation
7. Support methodological improvements

Coordinate Profilers

1. Provide methodological explanation (documents)



Guidelines
for
„Profiling“



Coordinate Profilers

2. Provide common tools

Profiling Report Template

- ...
- ...
- ...
- ...
- ...
- ...



Comparison of LEUs from different sources

register data	↔	annual report
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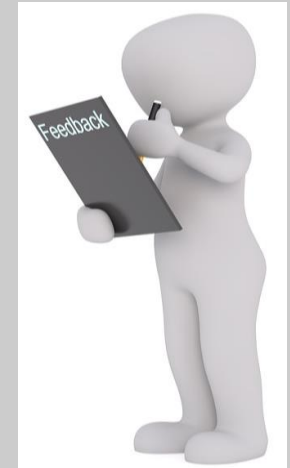
sorting LEUs to enterprises

LEU 1	→	ENT 1
LEU 2	→	ENT 2
LEU 3	→	



Coordinate Profilers

3. Provide methodological advice (feedback)



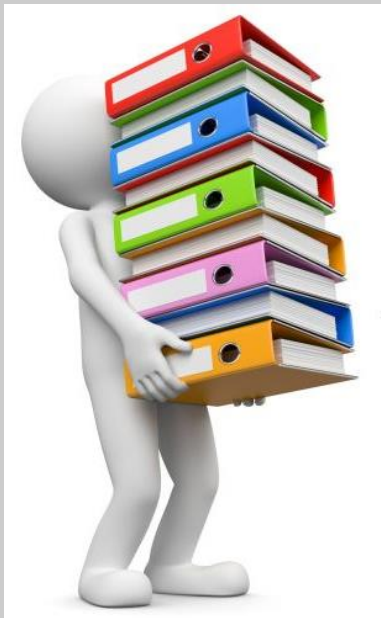
Coordinate Profilers

4. Support communication



Coordinate Profilers

5. Support data access (file pool)



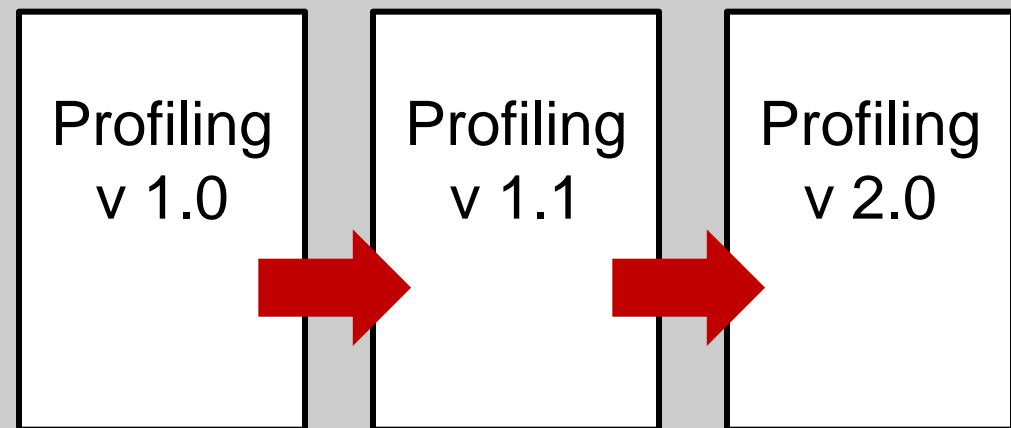
Coordinate Profilers

6. Enable evaluation



Coordinate Profilers

7. Support methodological improvements



THANK YOU FOR LISTENING!

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