

BUILDING NEW PROCESS IN STATISTICAL FRAME TO IMPROVE QUALITY IN STATISTICS, CASE STUDY EMPLOYMENT REGISTER DATA FRAME

Introductions

Creating and maintaining the administrative data into useful information for collecting, estimating, and disseminating the data for employees, wages, salaries, and working conditions within the domains of the ER improved the range and quality of statistical products, especially for creating social and economic indicators.

Production and content

The Employment Register (ER) serves as a vital component within the framework of statistical production. Its primary objective is to enhance the scope and caliber of statistical output, particularly in the domain of employment data.

I. Administrative sources:

1. Public Revenue Office (PRO)

The PRO collects monthly data on calculated salaries, contributions and personnel income tax, controls and keeps records, individually for each obligor.

2. Employment agency

The Employment Service Agency of the Republic of North Macedonia is a public institution performing professional, organizational, administrative and other operations relating to employment and insurance in case of unemployment and providing support, assistance and services to participants in the labor market.

II. Statistical sources:

3. Business statistical register

Statistical data base created on the level of enterprise using administrative sources (Central register and Register on yearly accounts) and continuously updated in troughs the months and years.

4. Statistical register of population

Statistical data base created on the level of individuals based on combined data of census data base and Office for management of registers of births, marriages and deaths.

5. Census data

Building phases

- Maintenance plan of database, structure and content;
- Defined variables and their definitions;
- Create physical database – Tables – Stored procedure – Views.

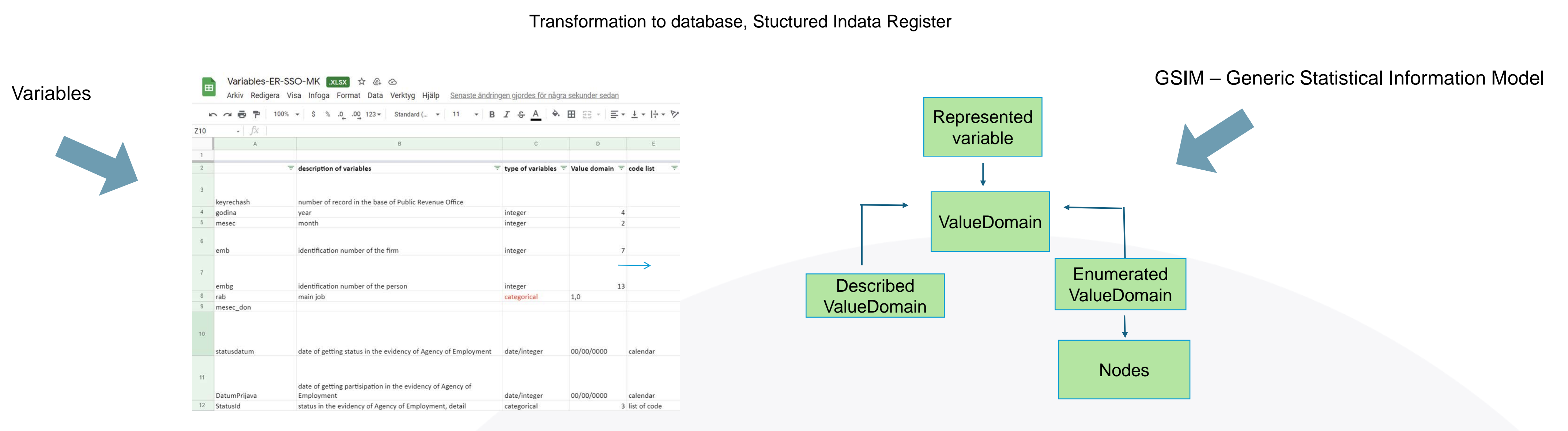
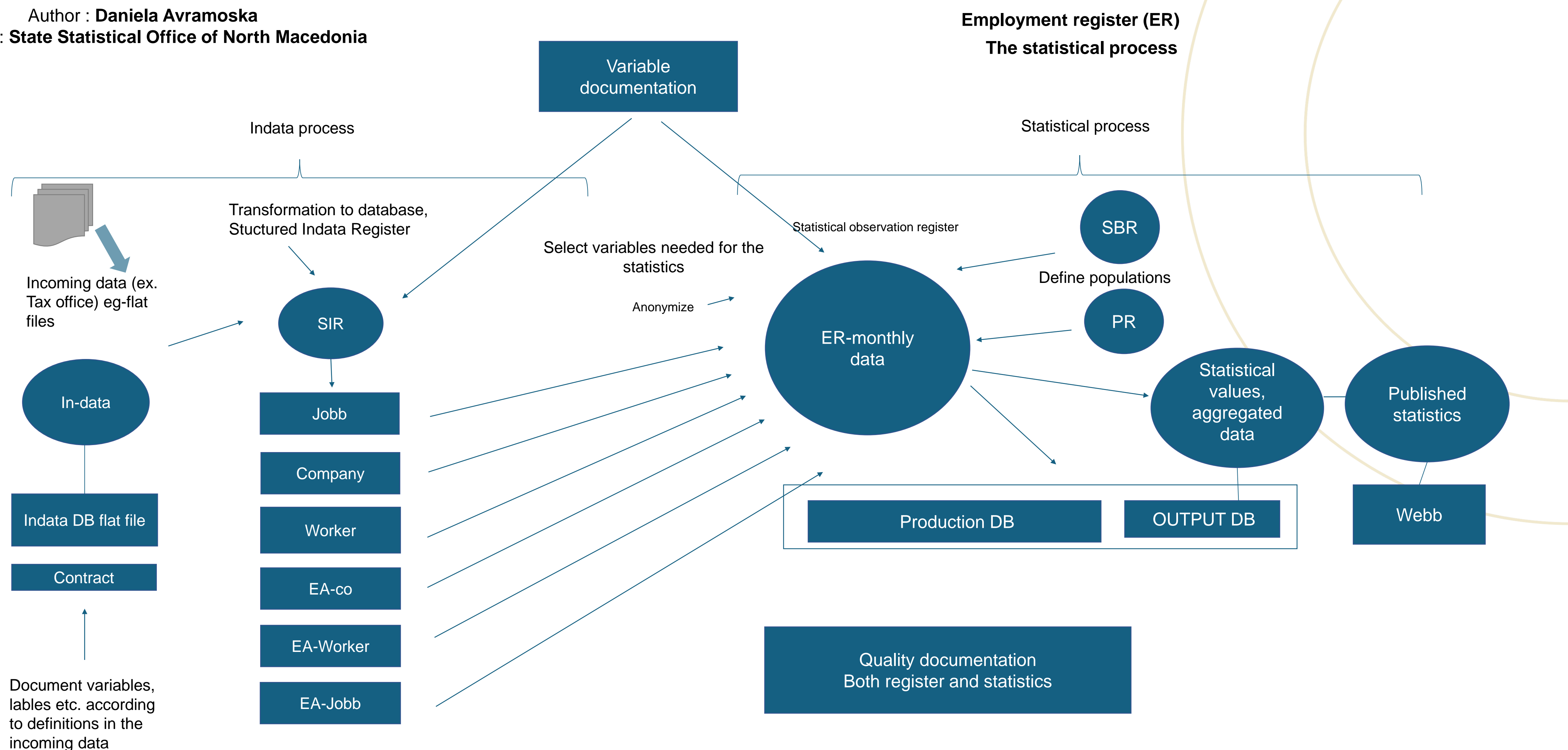
Results

- Each month, on the beginning of the month it creates new frozen version of the ER table for the previous month;
- Views are created from the frozen database
- Timelines in archive
- Adding variables/remove/changes in the ER structure;
- Backup procedure

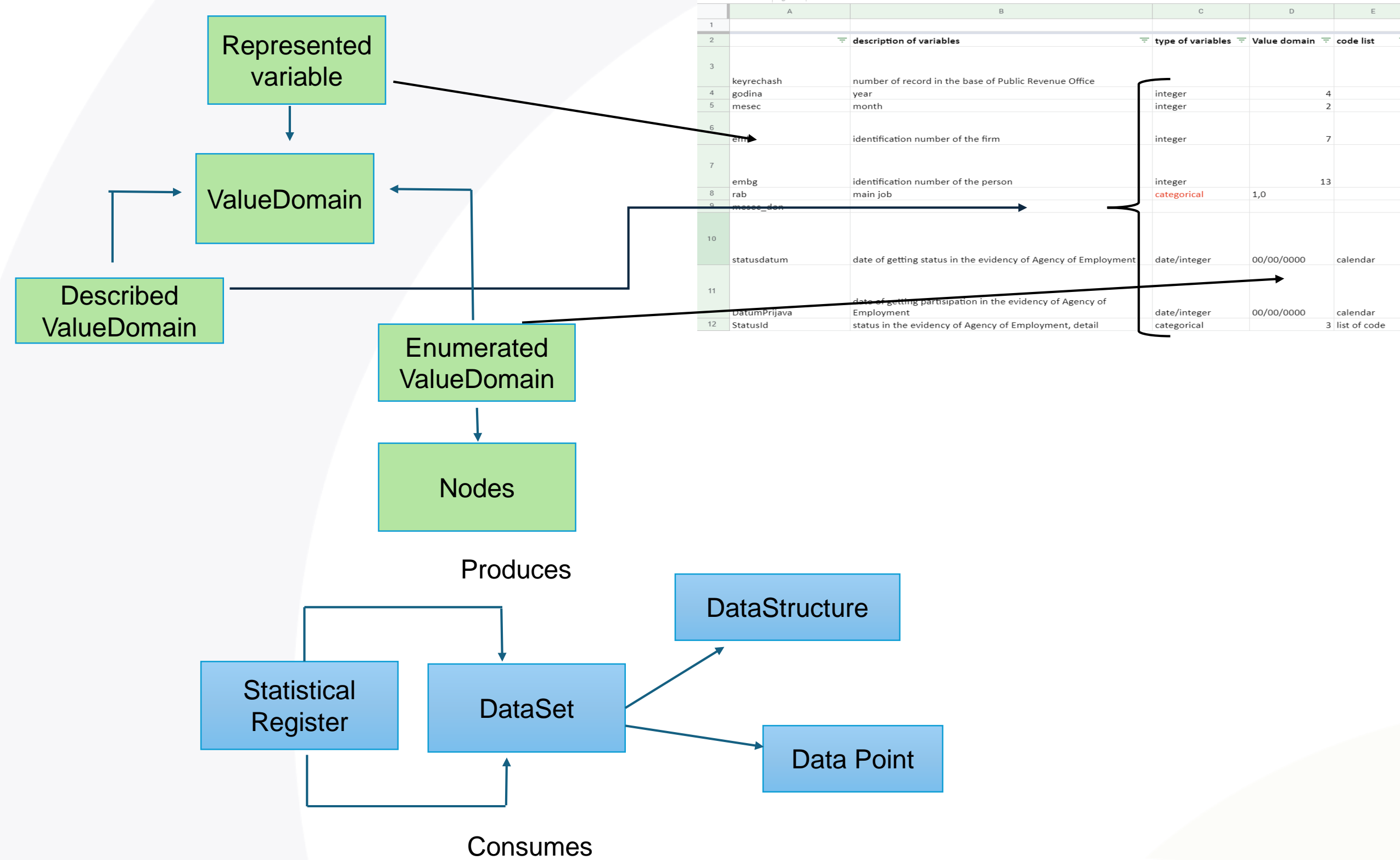
Conclusions

These are new challenges in statistical work based on administrative data as the main source for producing average net and gross wages, labor cost survey, structure of earnings, calculation of paid employees by NACE code, and have an impact on the future development plan based on administrative data use in a more rational and functional form.

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Linking between sources and purposes



Connection between processes in to Generic Statistical Information Model and Employment Register data

