Migration Statistics in Georgia

Data sources, challenges and approaches

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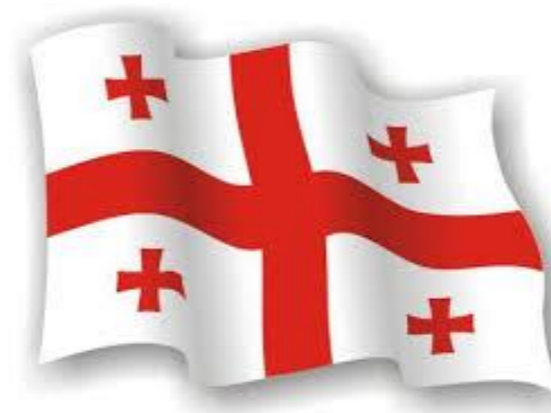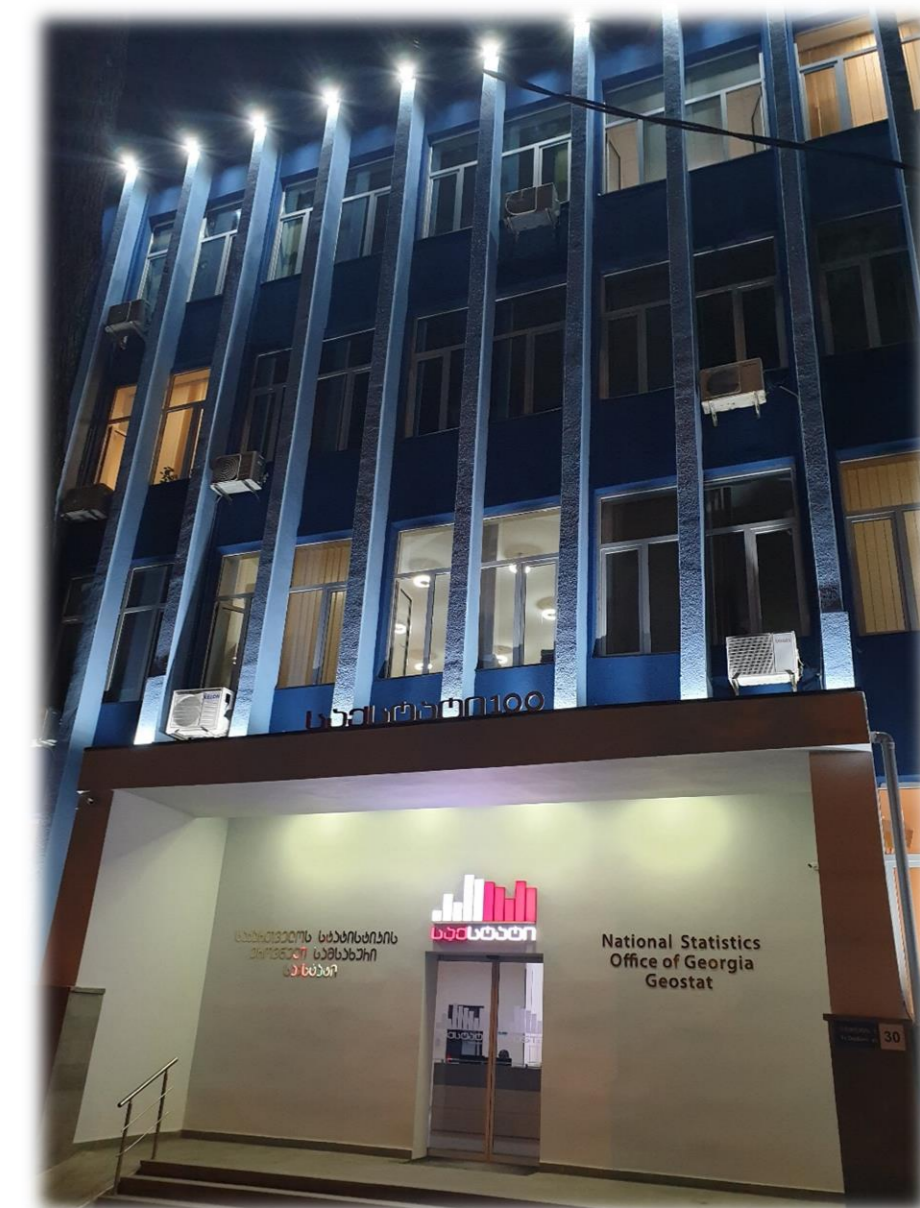
about GEOSTAT

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❖ Legal Entity of Public Law

❖ Responsible for official statistics

❖ Coordinator of National Statistical System

❖ Reporting/accountable to the Parliament and to the Prime Minister

❖ Management and advisory Board

❖ The Law on Official Statistics of Georgia

Priorities

NATIONAL STRATEGY FOR THE DEVELOPMENT OF OFFICIAL STATISTICS OF GEORGIA

2020-2023

PRIORITY

1 Produce high quality statistics based on user need

2 Establish effective and modern processes

3 Capacity building and infrastructure development

Data sources for Migration Statistics in Georgia

➤ Annual Data on inflows and outflows, since 2012 - **Ministry of Internal Affairs**

➤ Data on stocks of immigrants and emigrants - **Population Censuses**

Data Sources:

✓ *Administrative data*

✓ *Population Census*

✗ *Big data*

✗ *Population register*

MINISTRY OF
INTERNAL AFFAIRS

Definitions

Migration Flows:

Immigrant

- **An international immigrant** is a person who entered the country and **has accumulated a minimum of 183 days of residence in the country** during the following twelve months; **and who was not usual resident of the country** when entering the country which means that he spent at least a cumulate duration of 183 days of residence outside the country during 12 months before entering the country.

Emigrant

- **An international emigrant** is a person who crossed the border and left the country and **has accumulated a minimum of 183 days of residence outside the country** during the following twelve months; **and who was usual resident of the country** when leaving the country which means that he spent at least a cumulate duration of 183 days of residence inside the country during 12 months before leaving the country.

Data limitation

Missing data on:

- Purpose of migration
- Country of destination
- Country of origin
- Education
- Status of Economic Activity
- Employment Status
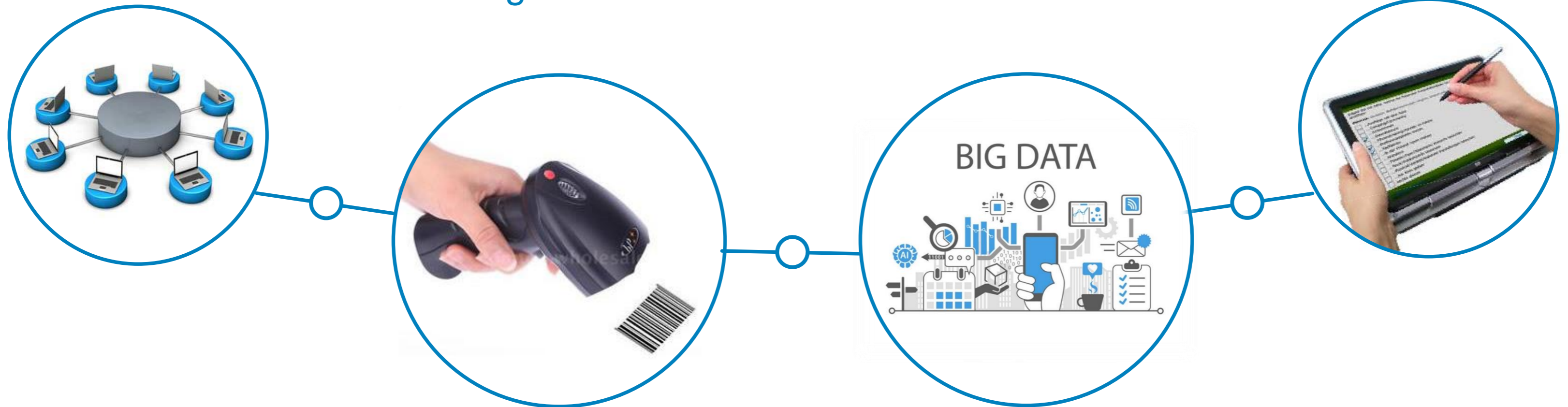- Occupation

Population Register

Alternative sources and non-traditional methods

Use more and more administrative data sources

Establish modern system for data collection

Looking for new alternative data sources

General Overview of Unified Migration Analytical System

❑ Migration data is distributed in operational databases of several institutions

❑ Each institution keeps its own statistics

❑ However the institutions need:

- ▪ access to the statistics of other institutions and

- ▪ statistics based on data that results from the integration of several sources (cross-institutional reports)

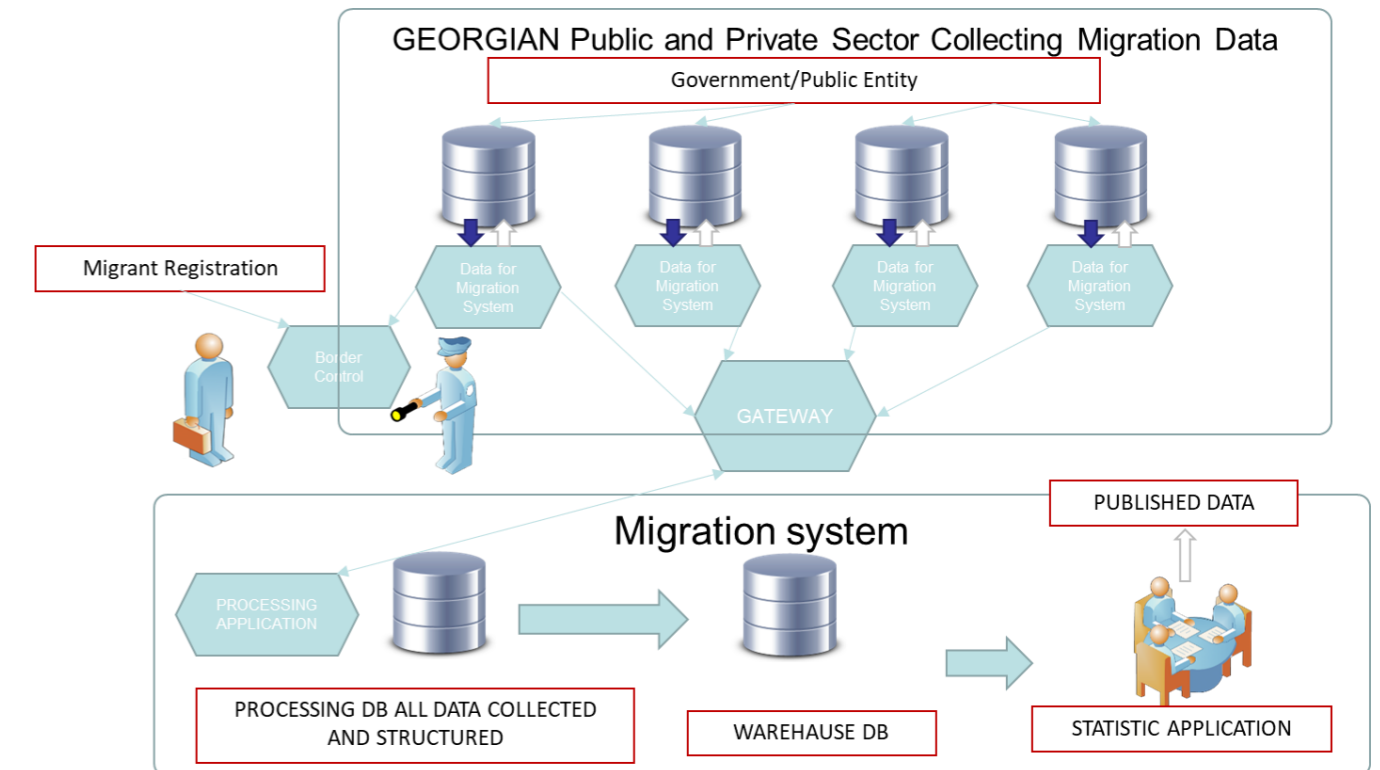- ▪ View of data from a migration perspective

Solutions of PSDA

- In 2016, after preliminary studies, PSDA/SCMI started the project, the aim of which was to collect and process the distributed data in one place for analysis purposes

- The name of this place is **U**nified **M**igration **A**nalytical **S**ystem (UMAS)

- UMAS is based on Platform, which allows the processing of both structured and unstructured data. Currently only structured data is processed

GEORGIAN Public and Private Sector Collecting Migration Data

Government/Public Entity

Migrant Registration

Data for Migration System

Data for Migration System

Data for Migration System

Data for Migration System

Border Control

GATEWAY

Migration system

PUBLISHED DATA

PROCESSING APPLICATION

PROCESSING DB ALL DATA COLLECTED AND STRUCTURED

WARERHAUSE DB

STATISTIC APPLICATION

Advantages

❑ Institutions can access reports based on:

– own data

– data of other Institutions

– integrated data from multiple sources

❑ The possibility of analyzing the data from the point of view of migration

Main Challenges

❑ Data Integration:
  – record Linkage

❑ Data Qulity:
  – can only be improved in the sources
  – UMAS can make only recommendations

Further improvement of migration statistics

- ❖ Preparation for the next Population Census
- ❖ Start active measures related establishment of Population Register

THANK YOU FOR YOUR ATTENTION!

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Reliable Data for Right Decisions!

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