# MAKING DATA TRANSPARENT AND ACCESSIBLE

**Workshop on Statistical Data Dissemination and Communication**

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By Nana Aslamazishvili
Head
Monetary Statistics Division
Macroeconomics&Statistics Department
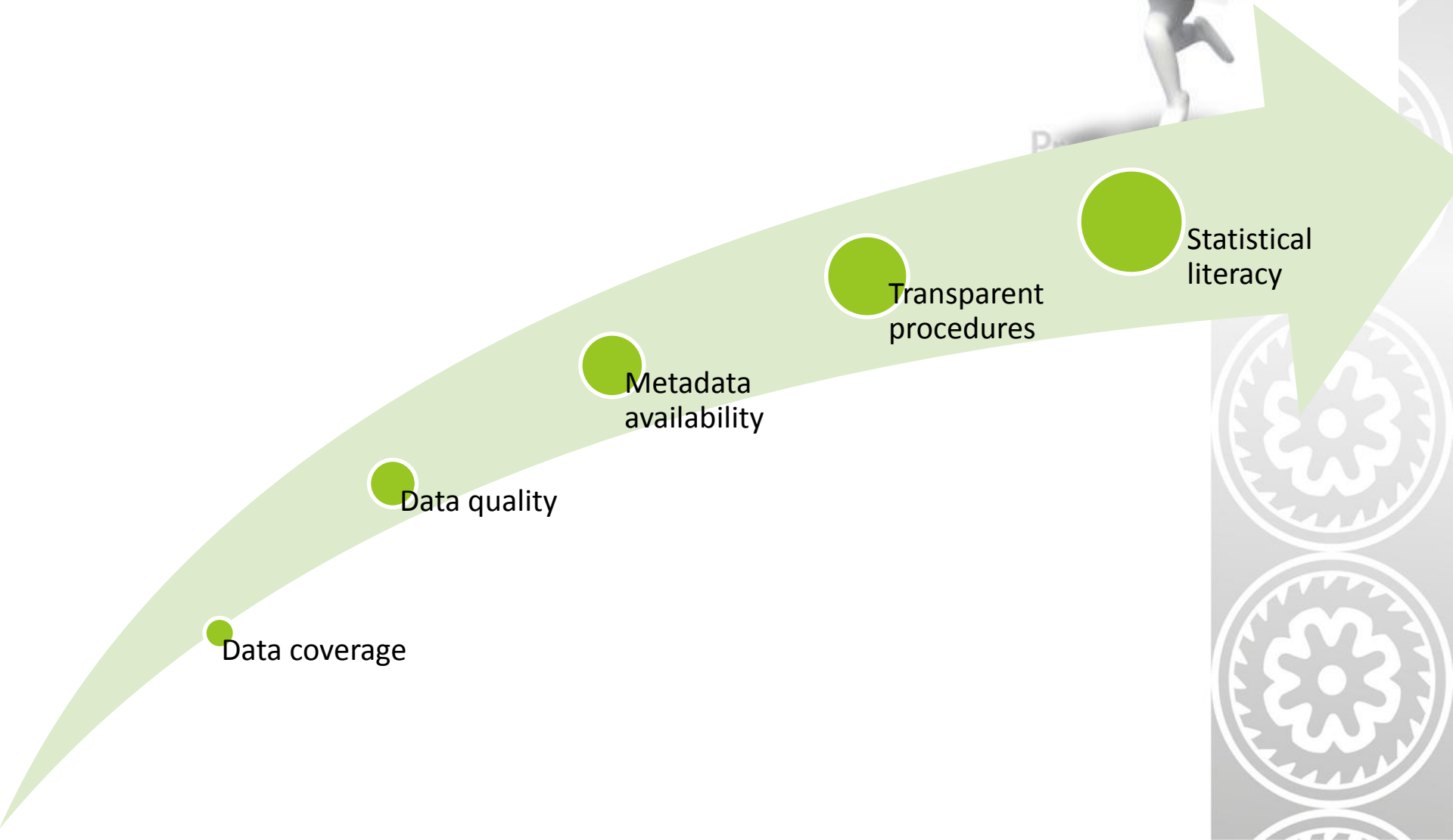National Bank of Georgia
naslamazishvili@nbg.gov.ge

# Outline

- Introduction
- Better data for better communication strategy
- The importance of innovative solutions in statistics
- What is the SebStat?
- SebStat plus BI
- Future plans

# Better data for better communication



Data coverage

Data quality

Metadata availability

Transparent procedures

Statistical literacy

# What is the SebStat

- **S**akartvelos **e**rovnuli **b**ankis **Stat**istica (Statistics of the National Bank of Georgia)

- Web-enabled statistical Informational System for central bank, capable of making statistics more flexible, cost-saving, transparent and user-friendly than before

- Standard framework and harmonized methodology to assist financial institutions:
  - In forming financial and statistical databases, and
  - With automation of statistical data production and submission procedures

# What is the SebStat

SebStat is a ***statistical business process model***, which establishes standard rules and procedures how to:

- Define data structure for data submission by financial institutions;
- Collect data;
- Validate data;
- Process data;
- Disseminate data;
- Manage these procedures;
- Expand model.

# What is the SebStat

Main phase for functioning of the SebStat is the Data Structure Definition, which means:

- identification of the peer data and creation of specific data families

- defining of data structure by each data family

The consistent implementation of the above-mentioned processes, according to the appropriate procedures, in the automatic and continuous mode, gives to SebStat status of ***Statistical Information System***.

# What is the SebStat

- SebStat is a scalable platform:
  - It allows to expand existing content of database with a new data families, new structural details or new institutions easily, by means of well established standard approaches and procedures.



Schema 2. SebStat as a scalable platform
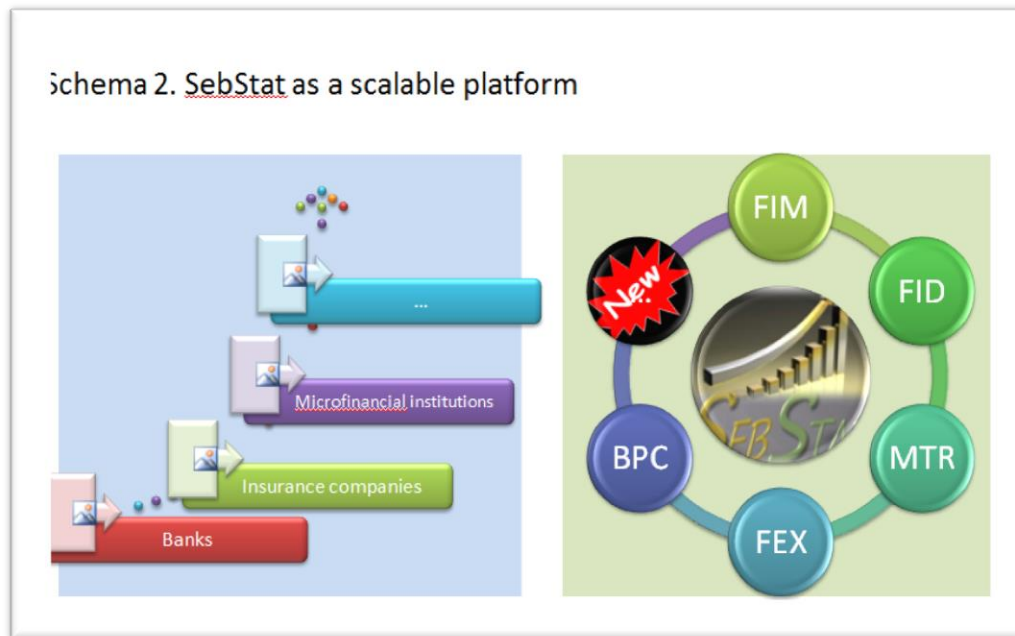
# Better data for better communication

Providing comprehensive, timely and impartial information for the users through user-friendly interface is our next important priority.

In order to help users make more informed business decisions, using tools, such as:
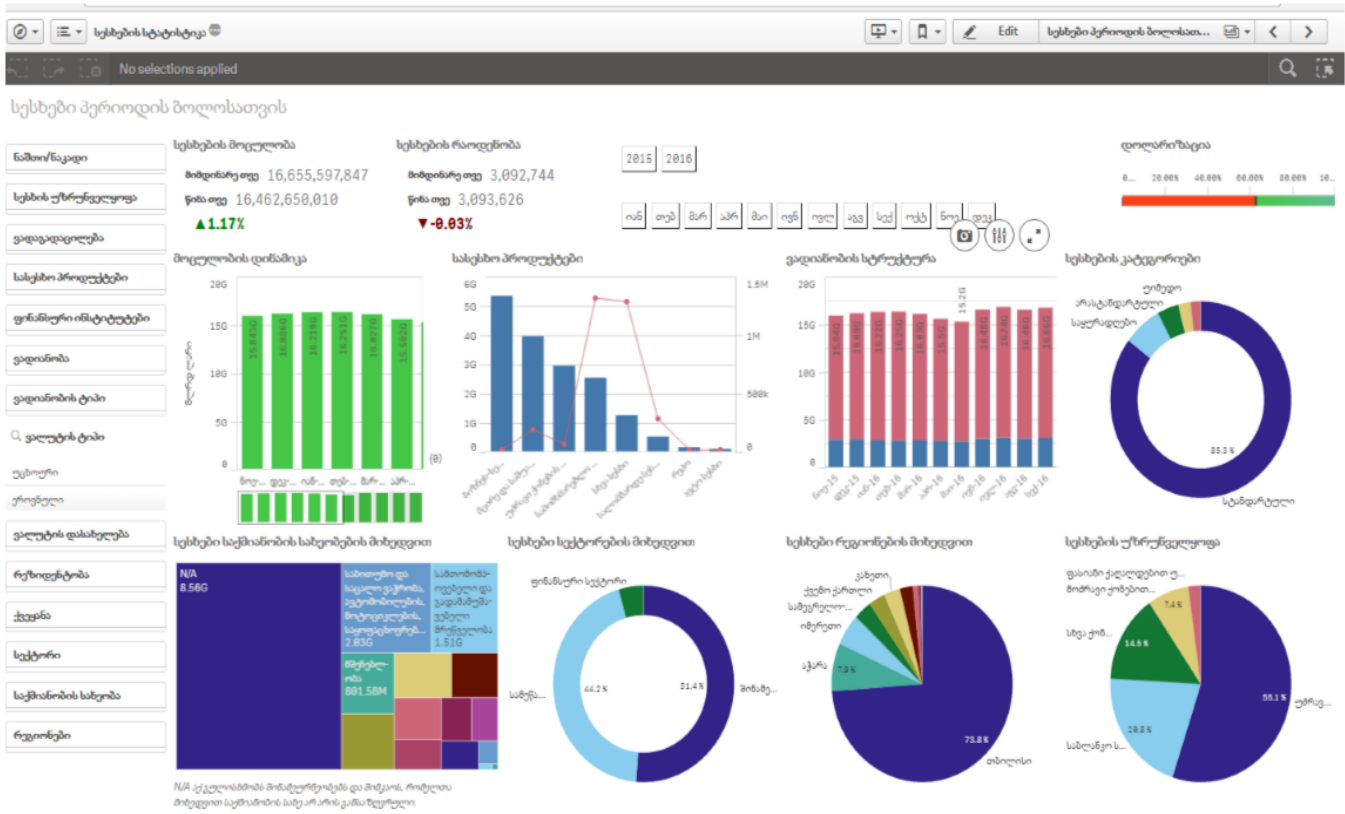
- Spreadsheets;
- Applications that extract, sort, summarize, and present selected data;
- Online analytical processing;
- Digital dashboards;
- Data mining, etc.

Implementation of BI software was decided.
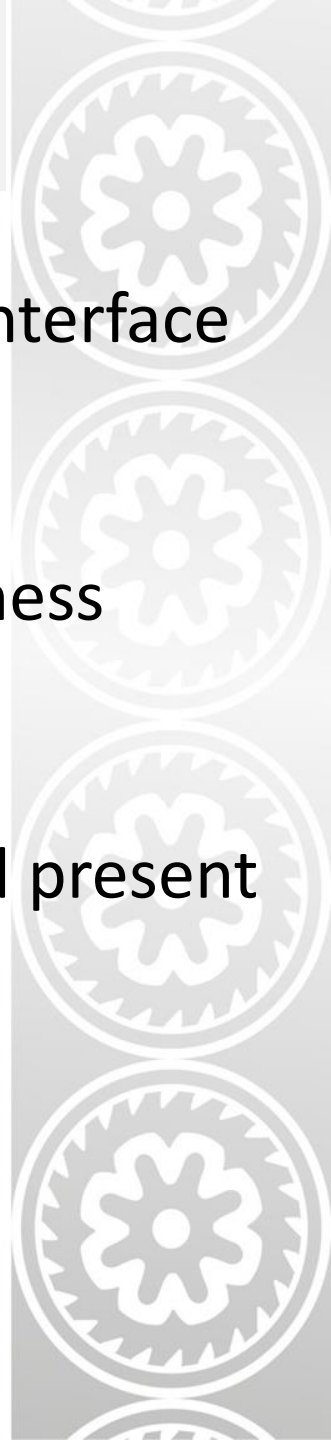
# SebStat plus BI platform



Schema 3. An example of BI dashboard

# SebStat plus BI platform

Implementation of BI allows to achieve following goals:

❖ Flexibility of data processing, reporting and visualization;
❖ Capability of producing a broad spectrum of analytical outputs;
❖ Delivery of an interactive dashboard to enable users to explore the Bank's information assets;
❖ Centralization, automation and governance of the data visualization process;
❖ Increasing the efficiency of information exchange both within, and outside of the Organization;
❖ Raising the level of information security;
❖ Improving the  reliability of  information;
❖ Significant reduction of the time required for accessing information;
❖ Significant reduction of the time required for creating structural reports and dashboards;
❖ Mitigating the risk of human errors;
❖ Mitigating reputational and operational risks of the Organization.
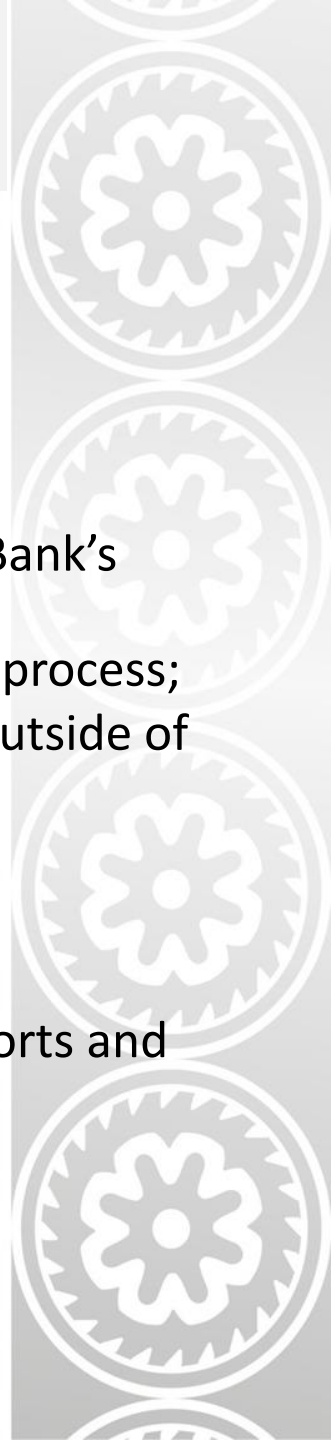
# Future Plans

Priority remains:
More data quality
More statistical products
More analytics
More transparency

Designing new statistical domains, and creation new statistical products portfolios under the NBG's mandate

Developing statistical literacy issues among users and thereby increase awareness of financial and external sectors statistics

Using appropriate web-applications for metadata development and availability

# Questions & Answers

## Nana Aslamazishvili

Head
Monetary Statistics Division
Macroeconomics&Statistics Department
National Bank of Georgia

2, Sanapiro Str.; Tbilisi, 0114 Georgia
(+995 322 406 251; +995 599 964 578)
naslamazishvili@nbg.gov.ge