

# Statistical Capabilities and Energy Data Collection System in GEORGIA



**GOGITA TODRADZE**

*Deputy Executive Director*

*National Statistics Office of Georgia - GEOSTAT*

7<sup>th</sup> INTERNATIONAL FORUM ON ENERGY FOR SUSTAINABLE DEVELOPMENT  
Baku, Azerbaijan, 18-21 October 2016

# General overview

## Responsible institution on energy statistics:

National Statistics Office of Georgia - GEOSTAT



## Agencies involved in energy statistics:

- Ministry of Energy of Georgia



## Non-governmental

- Energy Efficiency Center etc.



# General overview

## Legal basis

- The Law of Georgia on Official Statistics
- The Law on electricity and Natural Gas
- The Law on the Electricity Market Rules
- Annual state program of statistical works



*No legal regulation on energy statistics, publications and energy balance*

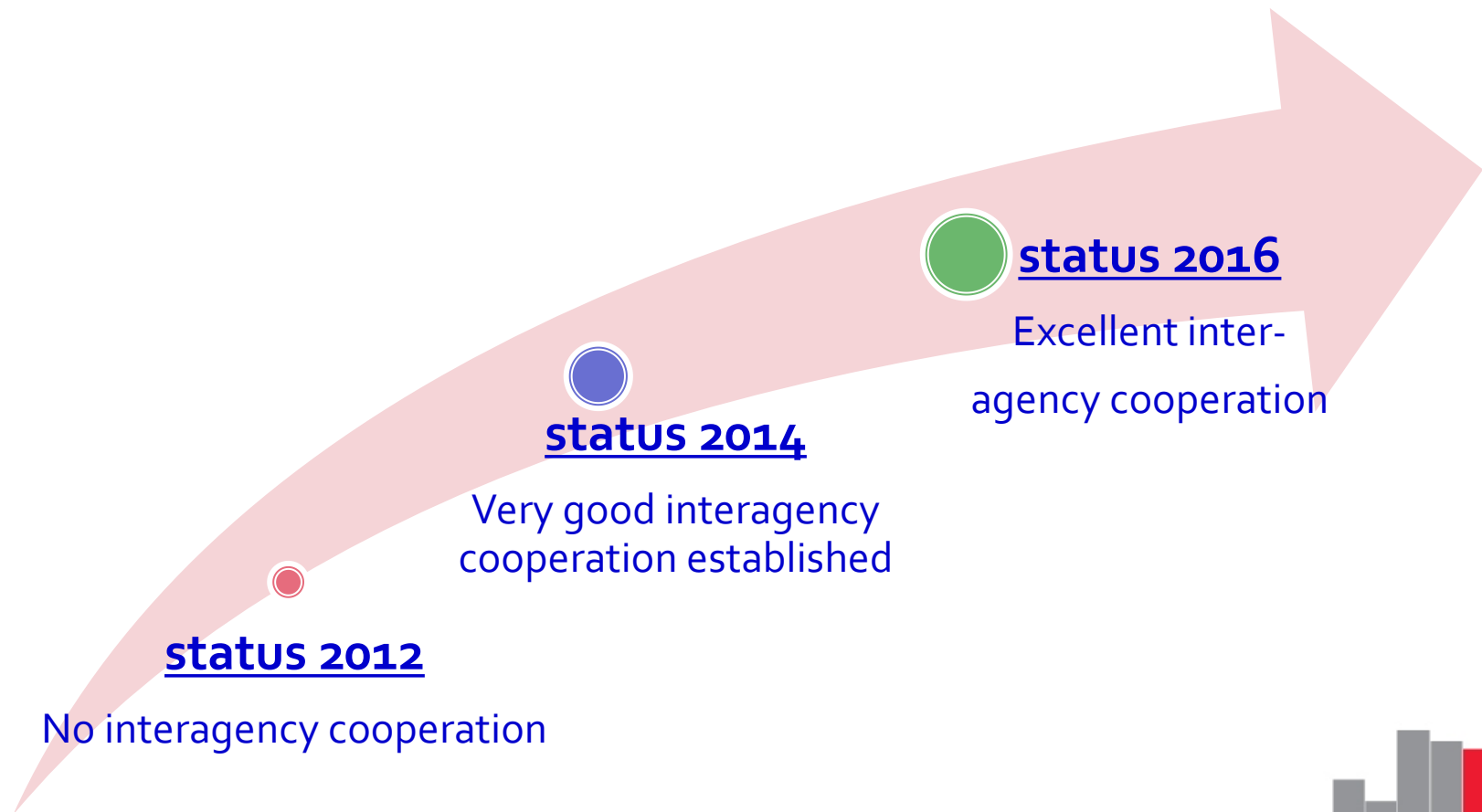
**Five persons are working and responsible for energy statistics in GEOSTAT**



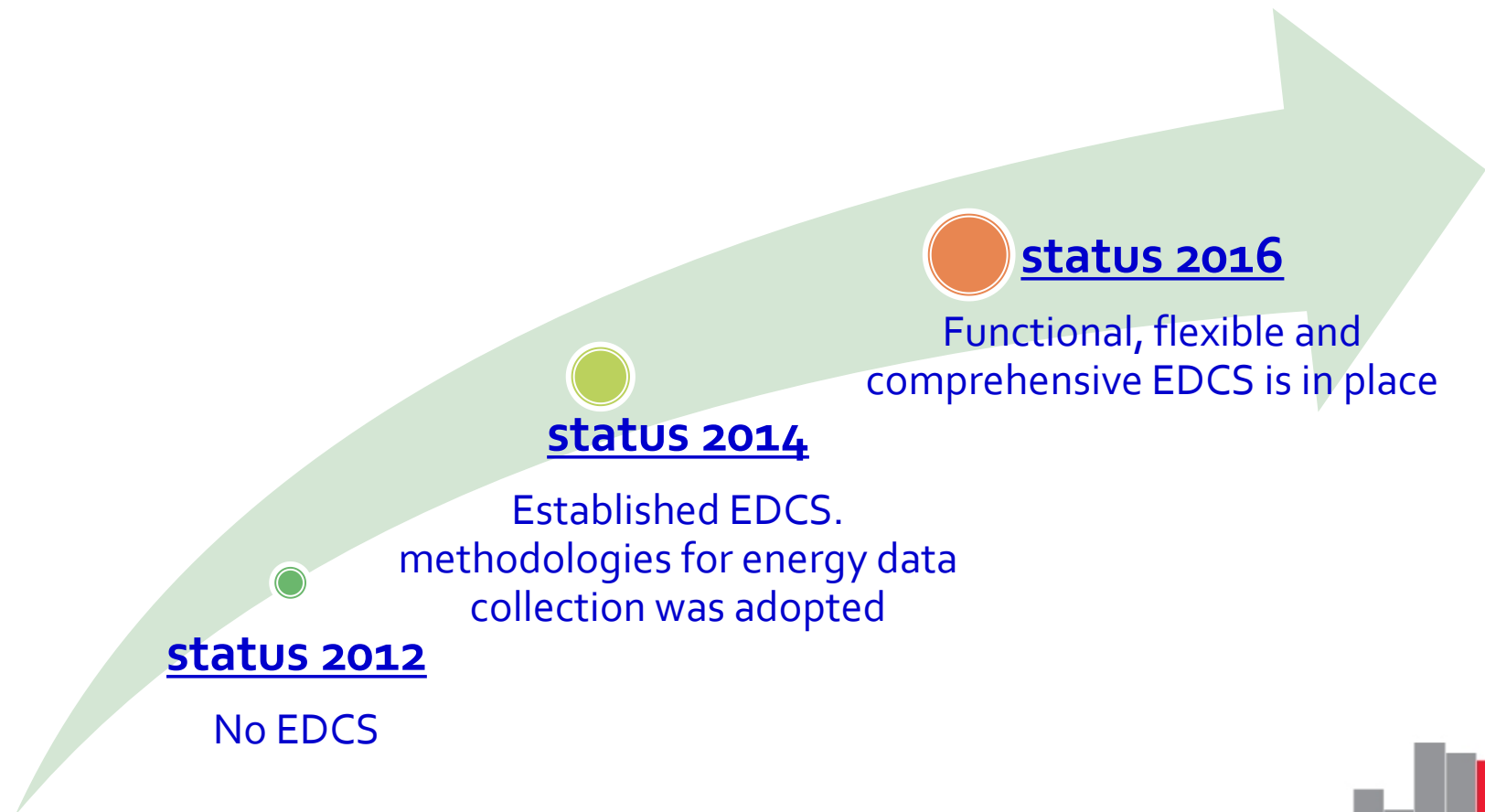
# Progress and developments

- Memorandum of understanding between MOE, GEOSTAT and INOGATE Technical Secretariat
- International cooperation
- Institutional arrangements
- Improved access on administrative sources
- Improve knowledge and experience of statisticians
- Develop methodology and create system for data collection
- Data collection from energy sector and final consumers
- Compilation of energy balance

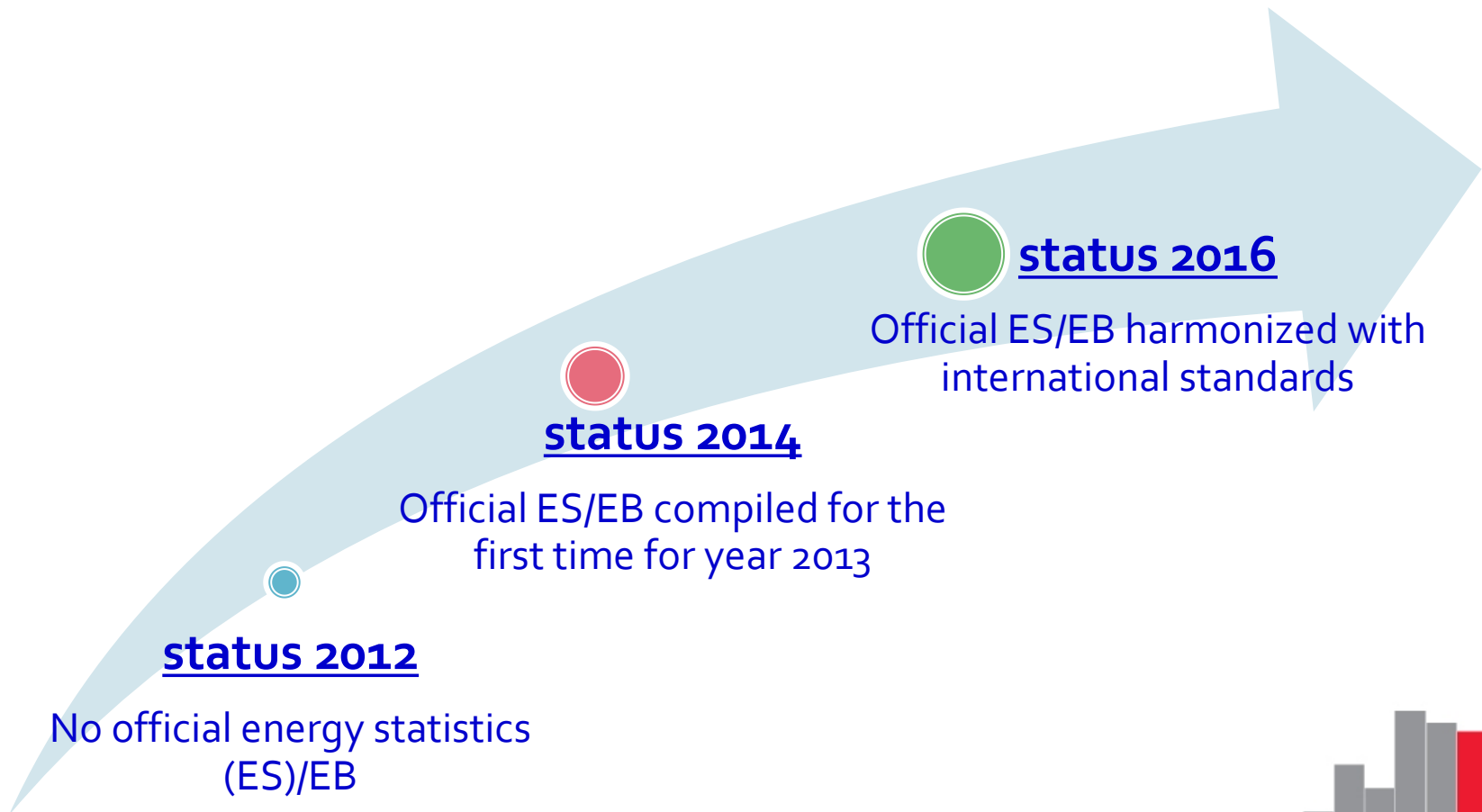
# Legal and institutional framework



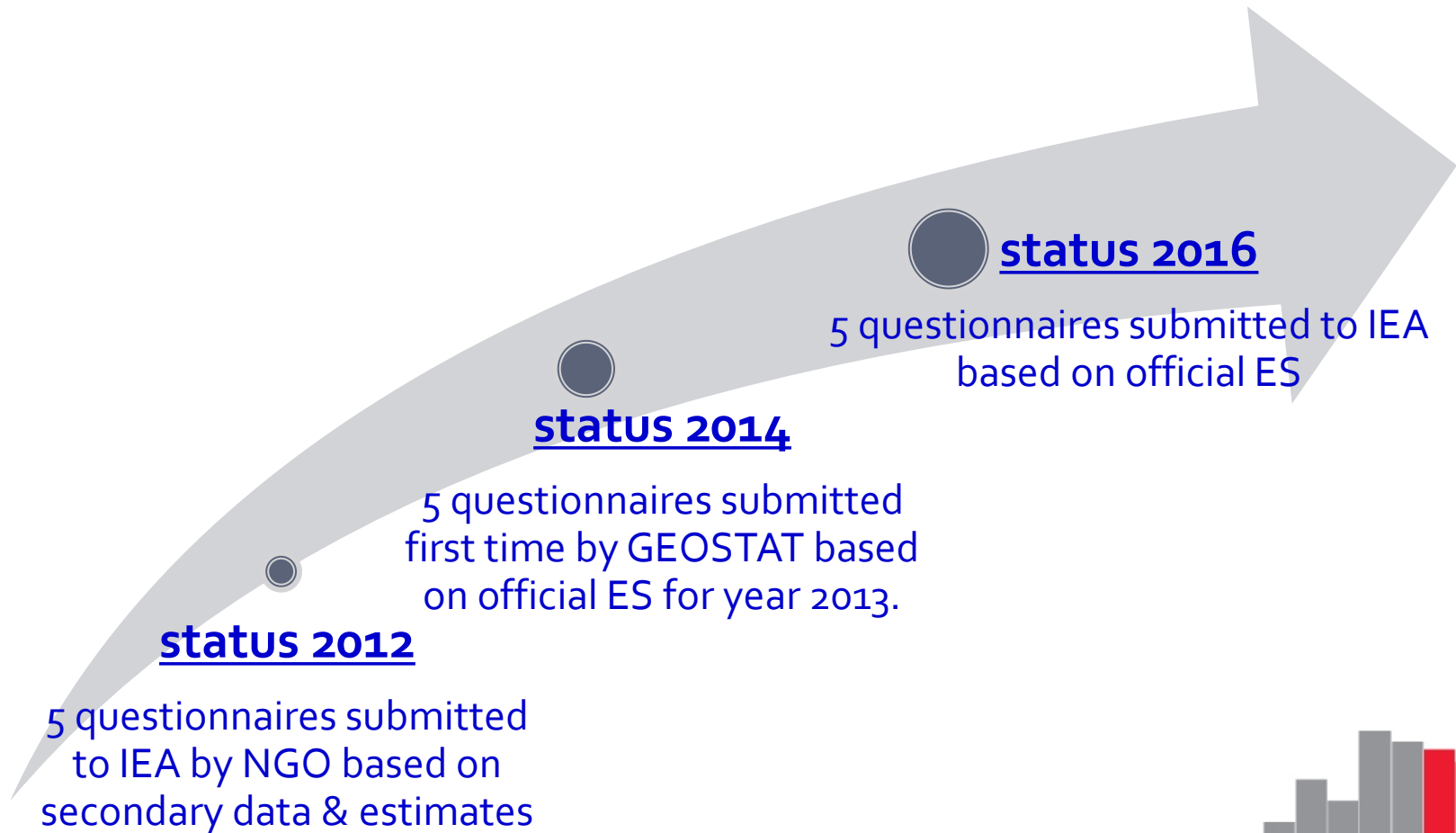
# Energy data collection system (EDCS)



# Energy Balance (EB)



# Data Submission



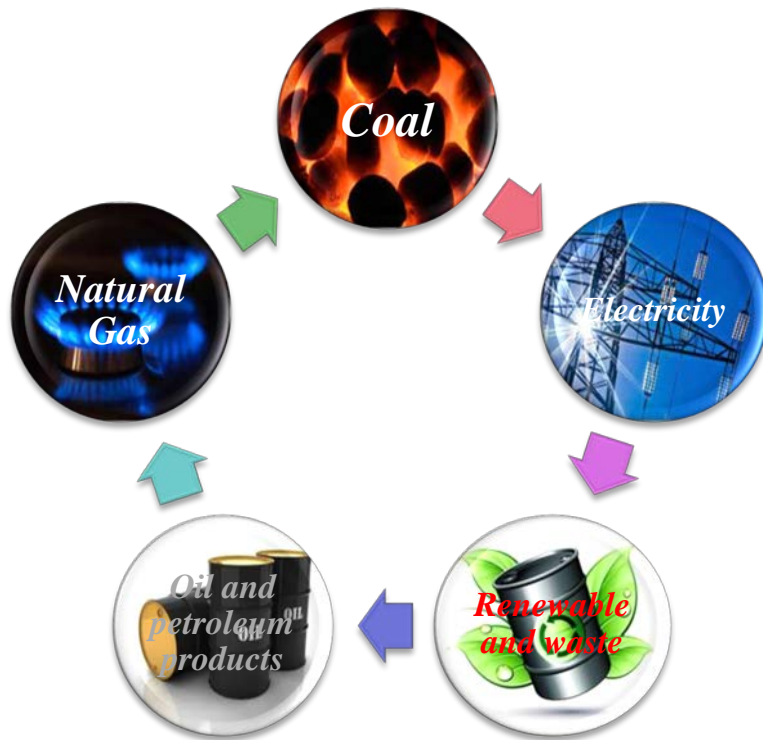


# Energy Statistics Questionnaires

20 types of questionnaires

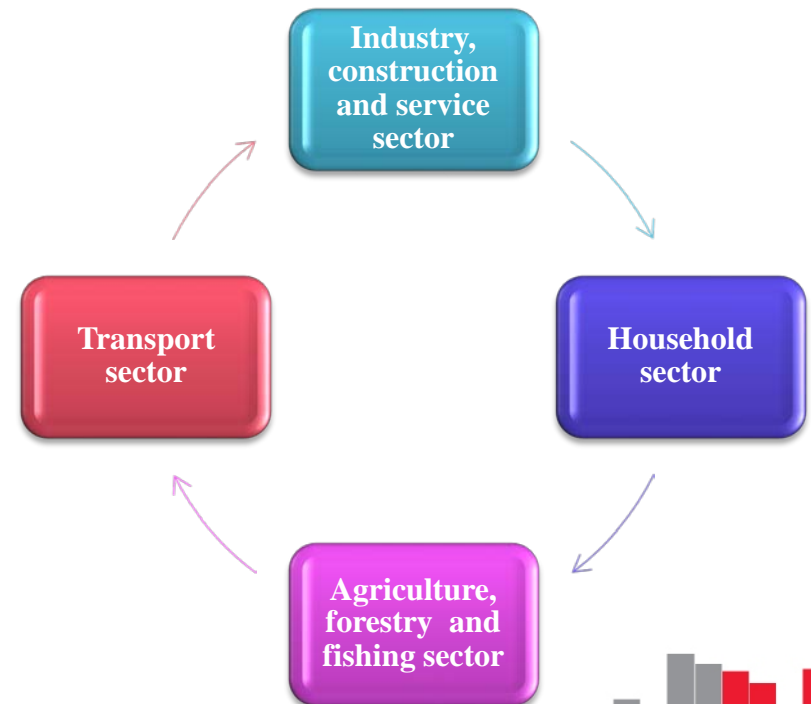
**Group I.**

**Collection data from energy sector**



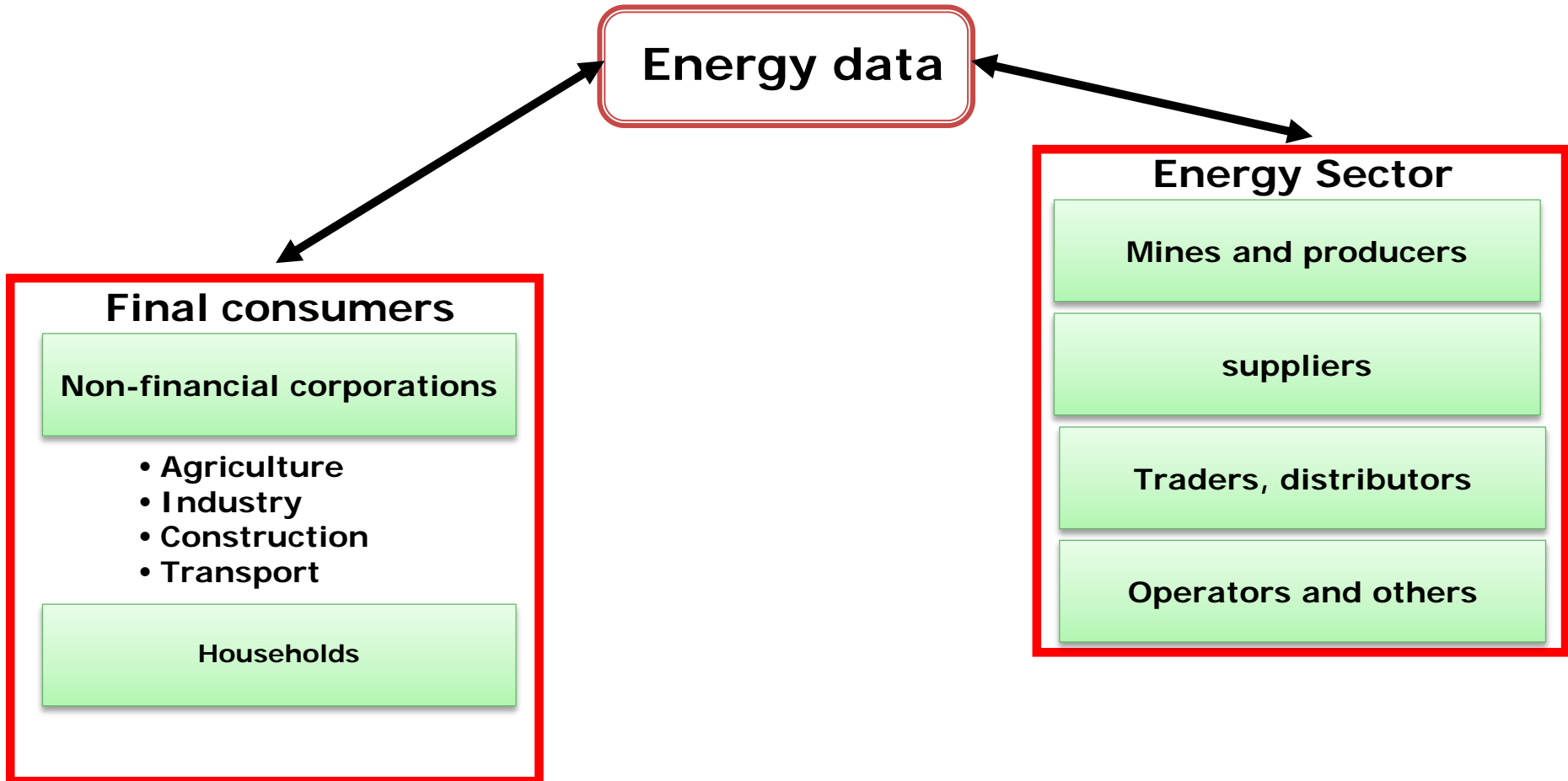
**Group II.**

**collection data from final consumers**



# Data collection for Energy Balance

(regular basis)



# Data collection for Energy Balance

## Final consumers

Non-financial corporations

- Service Sector

Financial corporations

Non-profit institutions

Public administration

Once in  
**5 Year**

# Improvements and differences

## in comparison to the compilation of first energy balance

- Changes in the Law on Official Statistics of Georgia;
- Improved and updated sampling frame;
- Increased knowledge of staff (interviewers, supervisors, operators, analytical staff);
- More active cooperation and communication with producers, providers and users of energy statistics data;
- Improved system for data collection and more detailed output tables;
- Starting activities related production of monthly statistics (gas, oil);



# Future plans (I)

- Implementation of international recommendations related energy statistics and ensure full compliance with international standards and methodologies;
- Continuing active cooperation with relevant institutions and main stakeholders
- Active cooperation with administrative institutions and working with administrative sources;
- Active cooperation with international organizations and experts;
- Share experience of various countries;



# Future plans (II)

- Review data gaps and working with data quality;
- Strengthen national statistical capacities and data collection:
  - Collect data from energy sector (coal, natural gas, oil and petroleum products, electricity, renewable) every year
  - Conduct survey on energy consumption in **industry, transport, agriculture and construction** sector as well as in **households** sector - every year
  - Conduct survey on energy consumption in **service sector** – once in 3-5 year
- Formation of complete energy balance annual basis;



# Future plans (III)

- Starting activities related production of monthly and short term energy statistics:
  - **Regulation (EC) No 1099/2008 of the European parliament and of the council:**  
“on energy statistics”
  - **Directive 2008/92/EC of the European parliament and of the council:**  
“concerning a Community procedure to improve the transparency of gas and electricity prices charged to industrial end-users”
- Use more and more administrative data for production of energy statistics.



Thank you for attention!

***Gogita Todradze***

*Deputy Executive Director*

*National Statistics Office of Georgia*

*[gtodradze@geostat.ge](mailto:gtodradze@geostat.ge)*

*[www.geostat.ge](http://www.geostat.ge)*

