

# Organizational approaches to energy statistics in the Republic of Belarus

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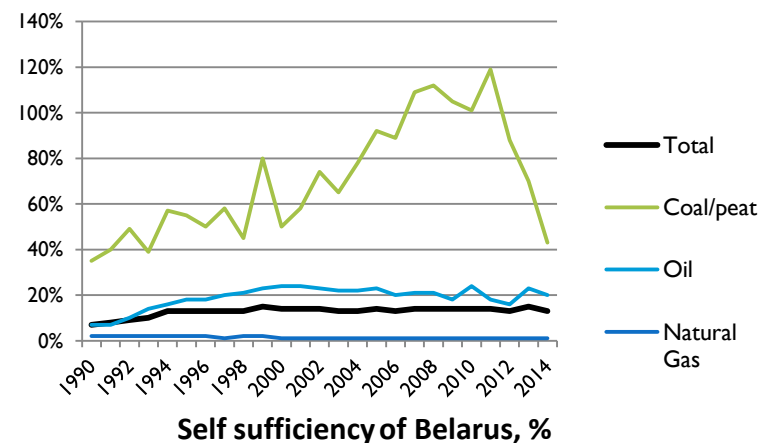
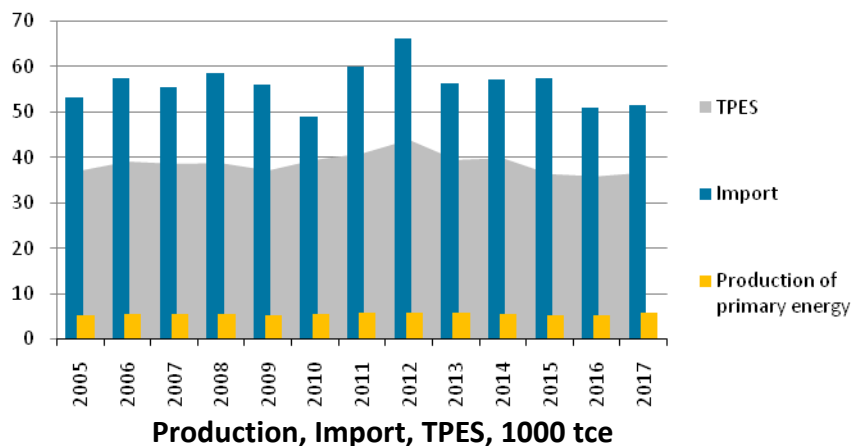
Warsaw, July 2019



# Republic of Belarus: policy features



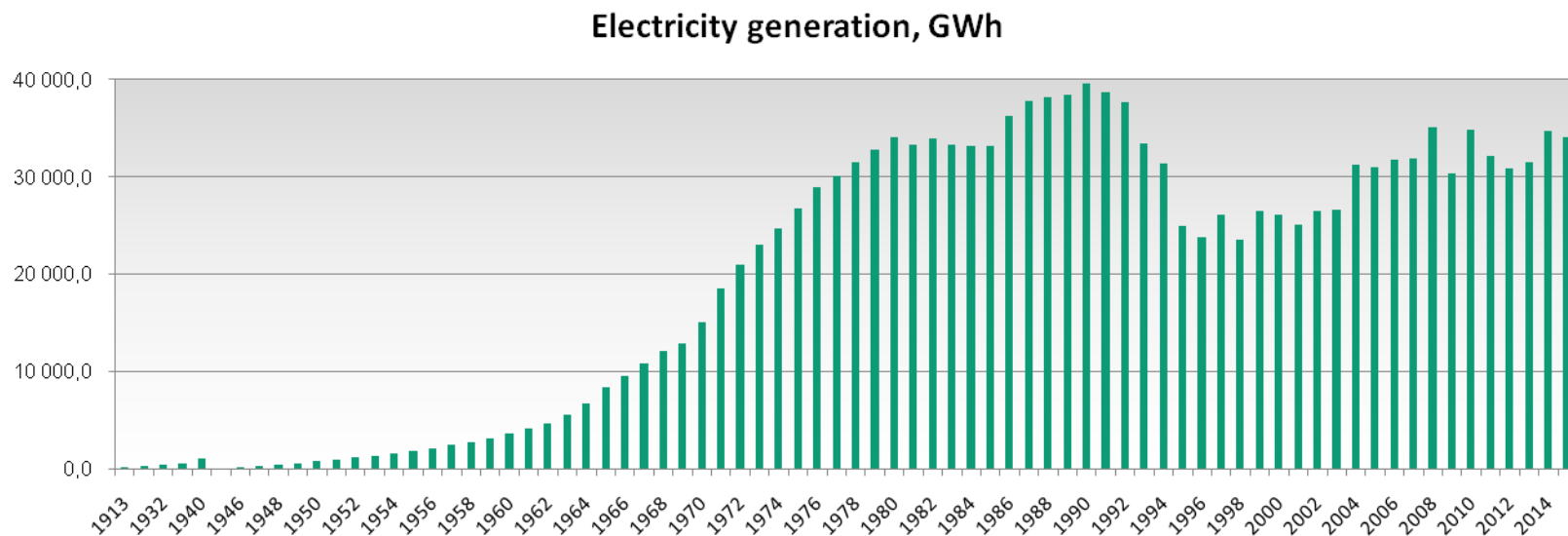
- ▶ Indicator of **self sufficiency** – **15 %**.
- ▶ **Energy security, renewable energy sources, energy efficiency** - priority directions of the domestic policy of the state
- ▶ Quality statistical data - a basis for long-term energy planning
- ▶ Inter-agency electronic interaction system – a reliable way of data exchange between the state bodies
- ▶ **The section “Energy”** on the website of Belstat – for a wide range of users



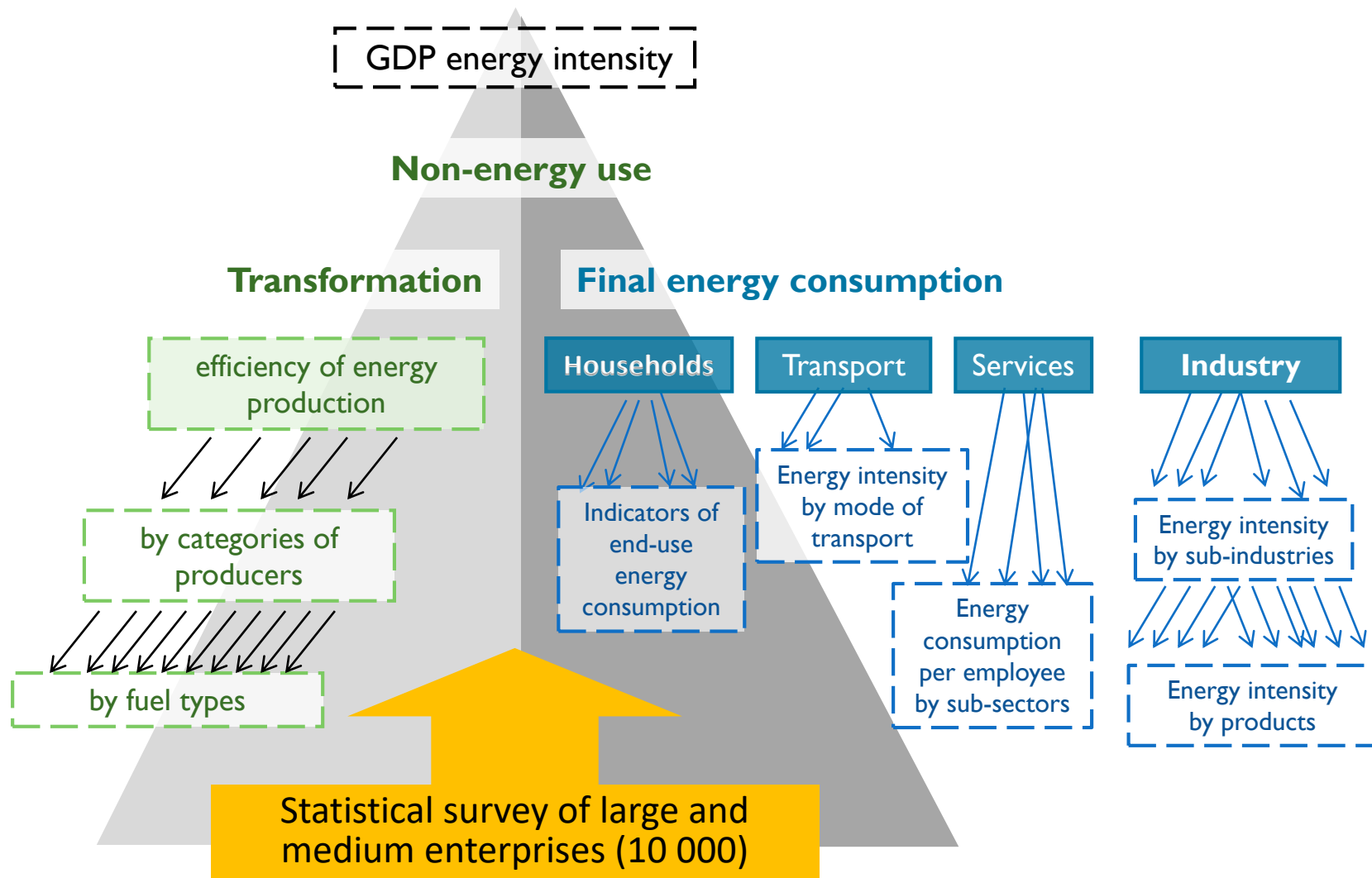
# Energy statistics: history of development



- ▶ As a branch, energy statistics in our country **was formed in the sixties of the last century**, however, the first data about electricity generation (by type of power plants) and capacity of power plants were produced as early as **in 1913**.
- ▶ **The objective** was to receive the official statistical information on the volumes of production, transformation, stocks and final consumption of energy, to construct energy balances and to calculate the indicators of energy efficiency .



# System of energy efficiency indicators





# International cooperation

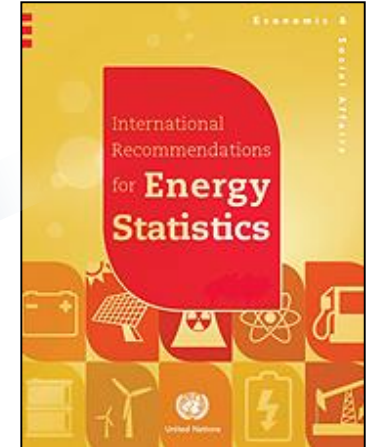
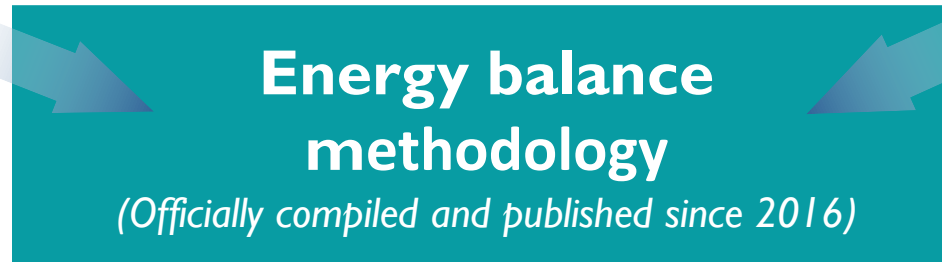
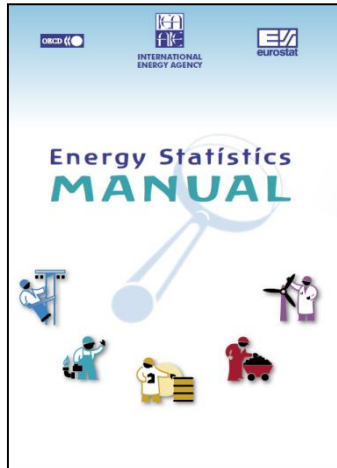


- Participation in technical assistance projects (INOGATE, EU4Energy, SE4ALL) funded by the EU and the UNECE;
- Provision of energy data within the Joint IEA/Eurostat/UNECE Energy Statistics Questionnaire, IRENA, JODI and other questionnaires;
- Participation in global consultations, international conferences and forums.





# Harmonization of the energy balance methodology with the international standards



**Monthly balance** (simplified format)

**Annual balance** (full format)

**System of energy efficiency indicators**



# Survey of Household Energy Use



**Survey period:** 01.01.2015 – 31.12.2015

**Sample/Population:** 6 000 / 3 873 000

**Response rate:** 85%

**Collection methods:** Interviews and data self-recording in respondent's record book

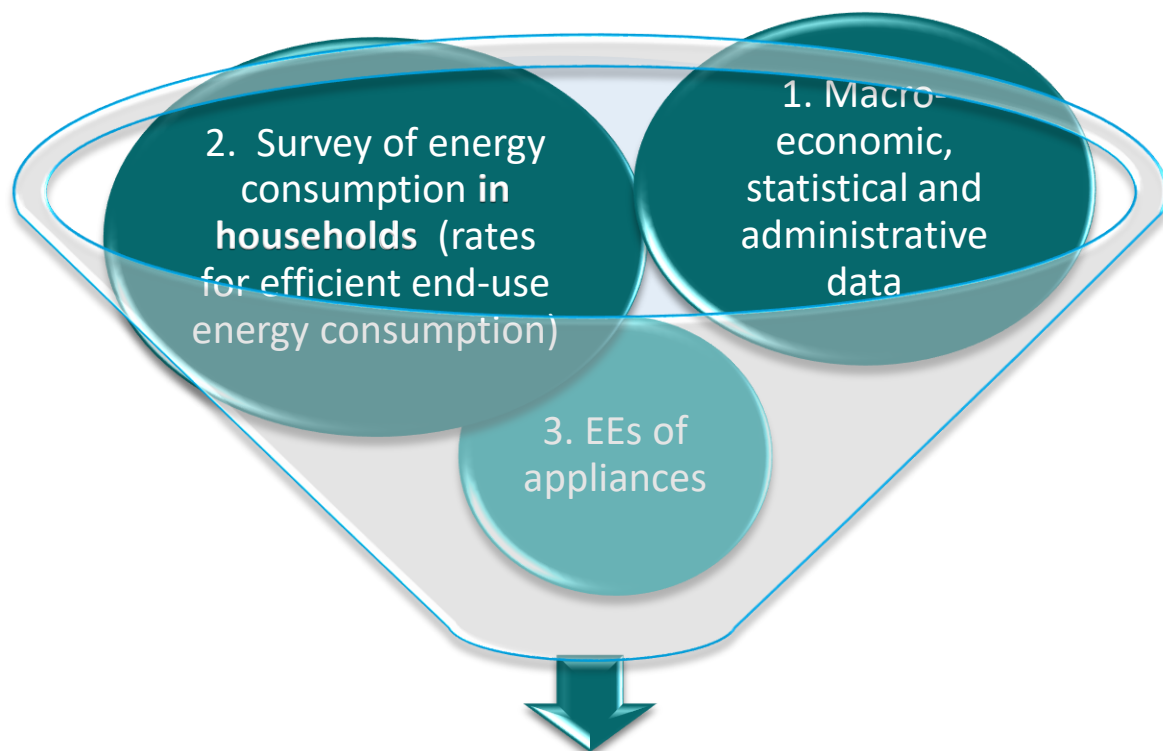
**End-uses covered:** Heating, hot water, cooking, lighting and appliances.

**Frequency:** Once every 5 years.

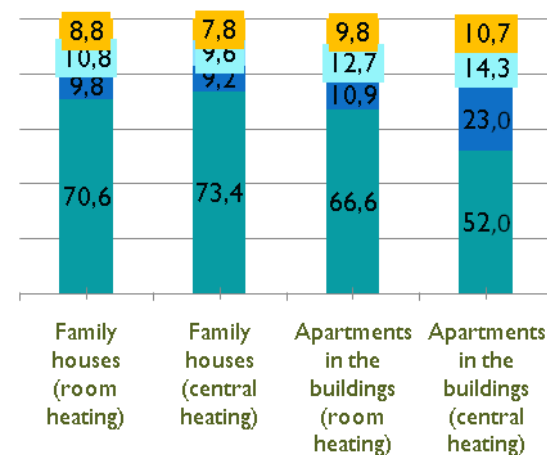
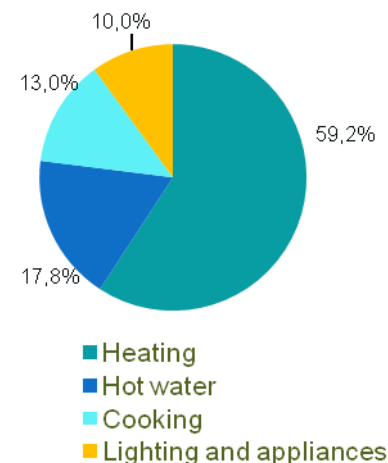




# Model for calculation of final energy consumption in households and energy efficiency indicators



STRUCTURE OF FINAL ENERGY CONSUMPTION;  
ENERGY EFFICIENCY INDICATORS



# Energy statistics: plans for the future



## Strategy for the Development of State Statistics until 2022:

- ☑ Adaptation of the energy balance methodology to the changing energy flows;
- ☑ Development of **the system of energy efficiency indicators**;
- ☑ Development of **the system of sustainable energy indicators**;
- ☑ Updating of the **model of household energy consumption** on the basis of the 2019 population census results and administrative data.

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# Thank you!

