

17 MARCH 2016, BRUSSELS



HIGH-LEVEL CONFERENCE EU ENERGY COOPERATION WITH THE EASTERN NEIGHBOURHOOD AND CENTRAL ASIA

Celebrating the 20 years of the INOGATE Programme
and preparing for the new stage



«Improvements in energy efficiency indicators as a response to the demands of the most important national energy policy: increasing energy efficiency in the Republic of Belarus»

Olga Dovnar - Vice-President,
National Statistical Committee of the Republic of Belarus

Session 1: Evidence-based policy making using energy statistics



National Statistical Committee of the Republic of Belarus — central governmental authority in the field of public statistics.

Основные задачи

The development of scientifically based statistical methodology and its improvement in compliance with national and international standards in the field of statistics

Collection and processing of statistical data based on statistical methodology

Presentation of the official statistical information to u

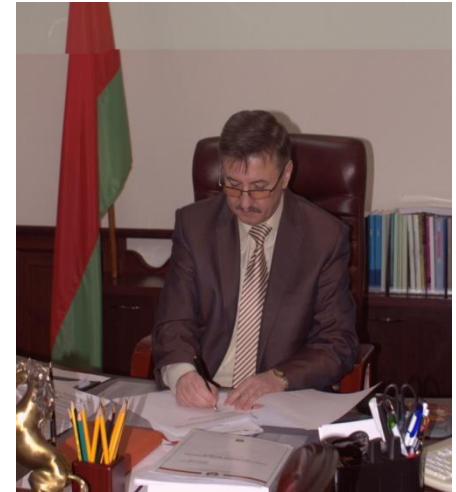


February 1, 2012 - January 31, 2016 – member of the technical assistance project "INOGATE Technical Secretariat and Integrated Programme in support of the Baku Initiative and the Eastern Partnership Energy Objectives" (Component D "supporting cooperation in the field of statistics").



April 10, 2013 – Energy Statistics Action Plan for the Republic of Belarus.

- development and improvement of legal and institutional framework
- capacity building of state statistics staff
- improving collection, compilation and analysis of data in line with European and international standards
- assistance in the preparation of the energy balance
- development of energy efficiency indicators





Activities within the INOGATE framework

INOGATE Technical Assistance Missions to the Republic of Belarus on the implementation of the approved Plan of Action on Energy Statistics

9-13 September 2013
21-23 October 2014
7-8 December 2015

Participation in regional seminars and study tours

5 workshops

Participation in the annual meetings of the of Energy Statistics Network

4 meetings

Participation in international conferences

2 conferences





Main areas of work undertaken in 2012-2015, and their current status:



Permanent inter-ministerial Working Group on Energy Statistics created



"Energy Statistics" section on the Belstat website set up



Work on transition from 2016 to the new methodology of energy balance compilation, harmonised with international standards



The method of calculation of the climatic factor to smooth the time series of energy data was developed



Improved forms of state statistical reporting on energy statistics in terms of expanding the list of renewable energy sources and their consumption rates



Improved quality of energy data provided by international organizations



Energy consumption household survey was conducted.



Ongoing work on the development of energy efficiency scorecard



Comparison of the old and the new energy balance format

	Old energy balance format	New energy balance format
Number of product balances	17	22
Number of balance items	18	49
in the transformation sector	3	14
final consumption	3	25
Method of conversion of secondary energy (heat and electricity)	"partial substitution" method	physical method
Amount of calculated energy efficiency indicators on the basis of energy balance data	1	about 40





Macroeconomic indicators

GDP energy intensity

The share of primary energy production in total primary energy supply in the country (energy independence)

The share of primary energy production from renewable energy sources in total primary energy supply in the country



Transformation

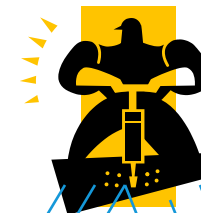


Efficiency of energy production

by category of power plants

by fuel type

Final consumption



Energy consumption by kinds of transport

Energy consumption per employee by subsector

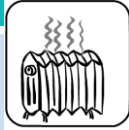
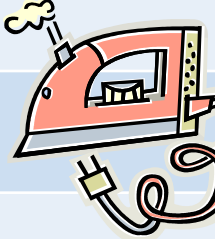

Energy consumption by subsector

Energy consumption by product

System of Energy Efficiency Indicators



Household survey on energy consumption

Indicator	Criterion
➤ Energy consumption for heating 	<i>Per living space unit</i>
➤ Energy consumption for hot water supply	<i>Per person</i>
➤ Energy consumption for household appliances operation	<i>Per household</i> 
➤ Energy consumption for lighting 	<i>Per household</i>
➤ Energy consumption for cooking	<i>Per household</i>



Results of INOGATE activities in statistics

- implementation into national statistical practice of methodology for fuel and energy balance, harmonized with IEA standards, methodologies, and smoothing the time series of indicators of energy statistics on climatic factors;
- revision of energy security indicators in the policy documents of Republic of Belarus;
- development of energy efficiency indicators and improvement system of state statistics reporting;

ТОПЛИВНО-ЭНЕРГЕТИЧЕСКИЙ БАЛАНС РЕСПУБЛИКИ БЕЛАРУСЬ ЗА 2016 ГОД

Код	Наименование	В тыс. тонн нефтяного эквивалента	По месяцам												Итого	
			1	2	3	4	5	6	7	8	9	10	11	12		
1	Итого (100%)															
2	Производство															
3	Итого															
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- exchange of experience and studying successful practices of the organization and management of energy statistics in the European Union and Eastern Partnership countries;
- obtaining detailed data on final energy consumption by households;
- obtaining practical experience in conducting sample surveys to be used in organization of observation of energy consumption in other sectors





*THANK YOU FOR YOUR
ATTENTION!*

Olga Dovnar,

Deputy Chairman

of the National Statistics Committee

The Republic of Belarus

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