



NATIONAL STATISTICAL INSTITUTE

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# **NATIONAL AND INTERNATIONAL COMMITMENTS OF NATIONAL STATISTICAL INSTITUTE OF BULGARIA**

Study tour on Energy statistics and Energy balances  
under INOGATE programme  
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# Overview

- ✓ Presentation of the International cooperation in the field of energy statistics:
  - Study visits and consultations
  - Grant agreements of the European Commission, awarded to the NSI of Bulgaria
  - Participation in working groups
- ✓ International organization and titles of reporting schemes (Eurostat, IEA, OECD, UNED)
  - Monthly and Annual questionnaires
- ✓ Who requests energy statistics data

## International cooperation

### ✓ Study visits and consultations

National Statistical Institute was invited to provide the so-called “tailor-made expertise” on energy statistics, since after the end of the PHARE Programme for cooperation in the field of statistics in 2010, it already has the capacity to provide expert training for statisticians from candidate countries.

The Statistical Office of the Republic of Serbia was the first that benefit from the provision of this type of expertise. The Bulgarian experts expressed their willingness to continue such cooperation and to provide expert assistance to other countries.

## International cooperation

➤ A team of experts from the Statistical Office of the Republic of Serbia participated in a study visit to the NSI in June 2011 with the aim to get acquainted with the Bulgarian experience in the field of energy statistics. Experts from the Energy and Transport Statistics Department shared their professional experience and knowledge on the following main topics:

- Statistical legislation related to energy statistics
- Bulgarian energy data collection systems
- Energy balances – main indicators
- Overall energy balance
- Annual questionnaires on energy products:

## International cooperation

- Coal
- Natural gas
- Electricity and heat
- Oil and petroleum (oil) products
- Renewables and Wastes

The study visit was organized within the framework of the Instrument for Pre-Accession Assistance (IPA) of the European Commission under which the Statistical Office of the Republic of Serbia is beneficiary.

## International cooperation

- In July 2011, NSI experts trained their colleagues from another Balkan country - the Republic of Macedonia on Energy Statistics. The discussions were focused on the following topics:
  - Statistical legislation related to energy statistics
  - Main characteristics of the Bulgarian monthly energy data collection systems:
    - The monthly solid fuels survey
    - The monthly natural gas survey
    - The monthly electricity survey
    - The monthly oil and petroleum products survey

## International cooperation

- Combine Heat and Power statistics
- Natural gas and electricity prices
- Energy statistics data for consumption in the households and other sectors

It was the second study visit organized within the framework of the Instrument for Pre-Accession Assistance (IPA) of the European Commission whose beneficiaries are the countries from the Balkan Region.

## International cooperation

### ✓ Grant agreements of the European Commission, awarded to the NSI of Bulgaria

European Commission awarded money in the form of grants in order to implement projects or activities in relation to European Union policies in the field of energy statistics.

They were an essential tool for improving the methodology, quality and increasing the efficiency of energy statistics production.



## International cooperation

- Over the past 11 years the NSI has been the beneficiary of 5 projects/grants in the field of energy:
  - Development of detailed statistics on energy consumption in households 2010
  - Data collection related to gas export/import and transit statistics (GETS II) 2008
  - Monthly questionnaires on coal, oil, gas and electricity 2004
  - Electricity and gas prices 2004
  - CHP plants statistics project 2002
  - Energy consumption in households 1996

## International cooperation

### ✓ Participation in regular working groups

Eurostat annually organizes working groups on energy statistics with the aim to make a review and assessment of current activities on energy statistics as well as to outline the future activities.

NSI experts participate in:

- Working group Energy statistics
- Working group Renewable energy statistics
- Working group Final energy consumption in households

## National cooperation

Within the country, NSI maintains close contacts with many national institutions that participate in the governance of Bulgaria:

- Exchange of information
- Participation in joint working groups with:
  - Ministry of Economy and Energy
  - Ministry of Environment and Water
  - Ministry of Defense
  - Others
- Participation in seminars on issues related to energy



## International organizations and titles of reporting schemes

In the field of energy statistics National Statistical Institute conducts several monthly and annual surveys.

Object of study with **Monthly questionnaires** are producers and commercial companies, engaged in wholesale. Following energy products are observed:

- Solid fuels
- Electricity
- Natural gas
- Oil and petroleum products.

## International organizations and titles of reporting schemes

Monthly surveys provide data to Eurostat and IEA by:

- Short term questionnaires for:
  - Oil and petroleum products - 25 days after the reference month
  - Electricity and natural gas - 30 days after the reporting month
- Long monthly questionnaires for:
  - Monthly questionnaires for oil and petroleum products and for natural gas - 55 days after the reference month
  - Monthly questionnaires for solid fuels and electricity - 90 days after the reference month.



## International organizations and titles of reporting schemes

Energy balances in specific units of measure provide data for completing of the **Joint Annual Questionnaires** of the UN, Eurostat and IEA for:

- Electricity and heat
- Coal and fuel from them
- Oil and petroleum products
- Natural gas
- Renewables and wastes.



## **International organizations and titles of reporting schemes**

NSI submits to Eurostat semi-annual and annual data on:

- Prices of electricity and natural gas for the industry and households
- Price systems of electricity and natural gas
- Structure of electricity and natural gas prices

## **International organizations and titles of reporting schemes**

Monthly and annual data on a voluntary basis are reported also to:

- United Nations Statistics Division
- International Energy Agency
- Eurostat – Environment accounts Department
- International transport forum



## International organizations and titles of reporting schemes

According to the release calendar of NSI monthly and annual surveys are disseminated simultaneously to all interested parties via different channels:

- Press announce at [www.nsi.bg](http://www.nsi.bg)
- Time series at [www.nsi.bg](http://www.nsi.bg)
- eDamis – electronic Data Transmission System
- e-mail.

## Who requests energy statistics data

### Institutions:

- Ministry of Economy and Energy
- Ministry of Environment and Water of Bulgaria
- Executive Environment Agency
- Sustainable Energy Development Agency
- Bulgarian National Bank
- State Energy and Water Regulatory Commission
- State Agency State Reserve and War-time Stocks, etc.



## Who requests energy statistics data

Other users:

- Media
- Private companies
- Individuals



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**Thank you for your attention!**

**For further questions, please contact at:**

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