



NATIONAL STATISTICAL INSTITUTE

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Organization and implementation of energy statistics activities in NSI of Bulgaria

Study tour on Energy statistics and Energy balances
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Overview

- ✓ Position of Energy and transport department in the structure of BNSI
- ✓ Functions of Energy and transport Department
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- ✓ Regional statistical offices functions and staff

Position of Energy and transport department in the structure of BNSI

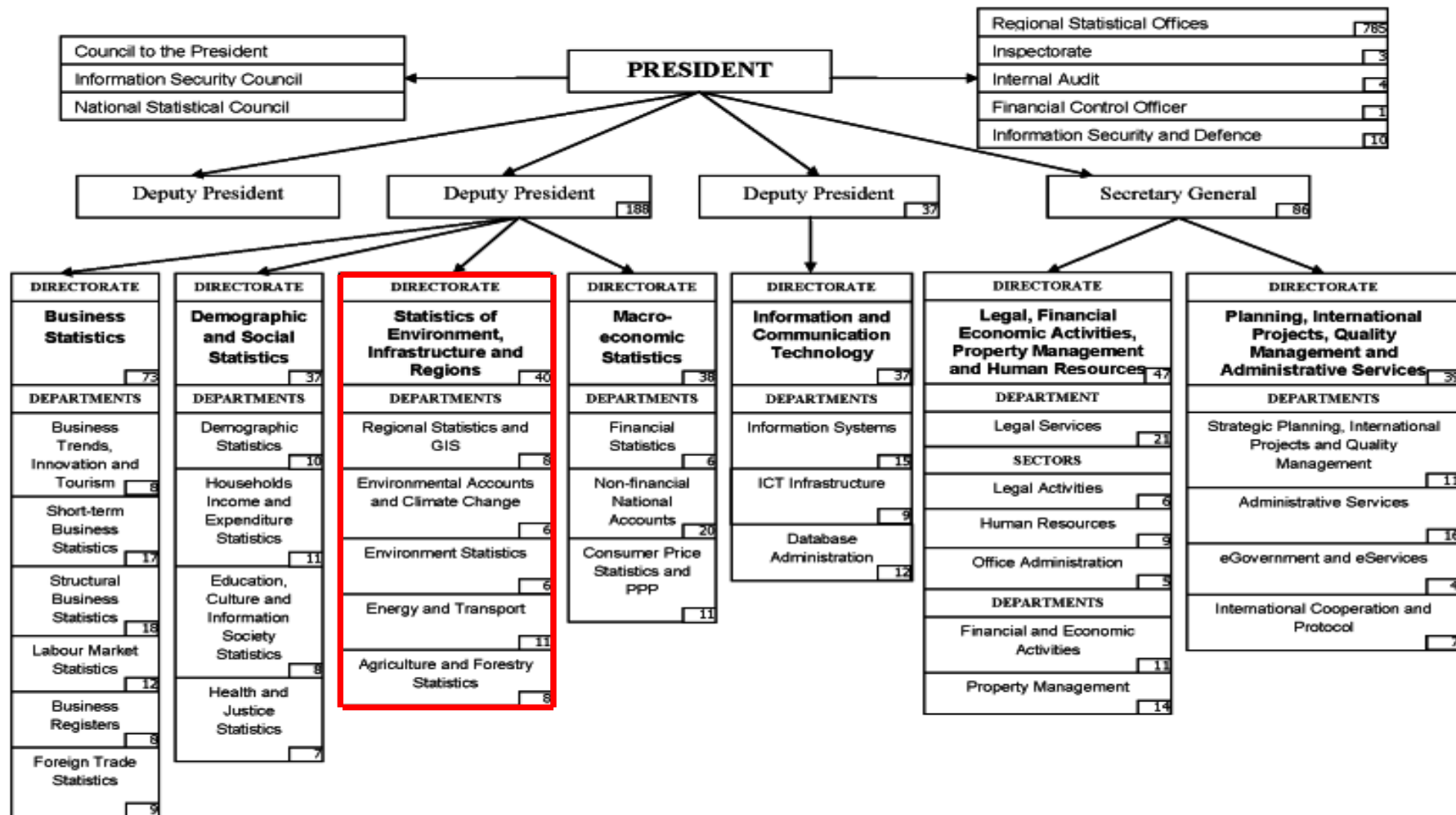
- **President**
- **Three Deputy Presidents**
- **Secretary General**
- **Seven Directorates:**
 - Business Statistics
 - Demographic and Social Statistics
 - Statistics of Environment, Infrastructure and Regions
 - Macroeconomic Statistics
 - Information and Communication Technology
 - Legal, Financial, Economic Activities, Property Management and Human Resources
 - Planning, International projects, Quality management and Administrative services
- **28 Regional statistical offices**

Structure of BNSI

Organization Chart 02/09/2013

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Approved by Reneta Indjova, Ph.D.



Position of Energy and transport department in the structure of BNSI

The Statistics of Environment, Infrastructure and Regions Directorate consists of:

- Regional Statistics and GIS Department
- Environmental Accounts and Climate Change Department
- Environment Statistics Department
- **Energy and Transport Department**
- Agriculture and Forestry Statistics Department

Finka Denkova

Director of Statistics of Environment,
Infrastructure and Regions Directorate



Functions of Energy and Transport Department

- Energy and Transport Department has a leading role in preparing, planning and projecting of specific statistical surveys in energy and transport areas, as well as for the state and development of infrastructure in these important economy sectors. Functions:
 - Organizational, executive and control functions within the framework of national statistical system
 - Participates in coordinating and updating of legislation in the field of energy and transport in accordance with the requirements of international standards and regulations
 - Develops statistical methodology and statistical tools in accordance with the legislation of the European Union
 - Supports cooperation with administrative sources aiming to provide additional statistical information demanded by both Bulgarian and international institutions and users
 - Provides methodological support and assistance to other authorities of Statistics, conducting statistical surveys in the field of energy and transport, under regulations providing harmonized data at European level.



Functions of Energy and Transport Department

- Provides methodological assistance to the Regional statistical offices in primary data processing.
- Organizes and conducts surveys for:
 - Production, import, export and deliveries of energy products
 - Electricity and natural gas prices for industry and households
 - Material balance sheets for energy products and main groups of raw materials
 - Combined Heat and Power units
 - Overall energy balance of the country
 - Transported passengers and transport performance by railway, bus and urban electrical transport
 - Goods carried and transport performance by road freight, railway, maritime and inland waterway transport
 - Goods carried and transport performance by pipeline transport.

Functions of Energy and Transport Department

- Provides confidentiality protection of primary data collected during the conducting of statistical surveys.
- Takes actions for improving the quality of statistical information.
- Submits results from the energy and transport statistical surveys for publication in the corresponding sections of NSI web page, as well as in the respective sections of statistical publications.
- Submits information by completing particular questionnaires to Eurostat, national and international institutions.
- Prepares statistical publications and provides information upon users' request.
- Participates in Eurostat and other institutions and organizations working groups on energy and transport issues.

Energy and Transport Department

The current Energy and Transport Department was created by merging of two departments in 2012.

It consists of highly qualified staff with many years experience and detailed knowledge in the fields of energy and transport:

- 7 experts in the field of Energy
- 4 experts in the field of Transport
- Good level of cooperation and communication among experts in the Department
- Good cooperation with other departments of the NSI and Regional statistical offices
- All tasks and requests for information are performed qualitatively and timely.

Energy statistics team - profiles

Antonia Parvanova - Head of Department

Education: Master of Economics

Experience: 13 years in NSI

Training: 5 months traineeship in EUROSTAT, Unit E5 Energy

Responsibilities:

- Organization, coordination and supervision of the implementation of tasks in the department
- Monthly questionnaire on Oil and petroleum products
- Resources and deliveries of energy products questionnaire
- National material balances
- SHARES questionnaire
- Press announce “Production and deliveries of energy products”
- Annual publication “Energy balances”
- Participation in national and international working groups

Energy statistics team - profiles

Maria Georgieva - State expert

Education: Master of Economics

Experience: 35 years in NSI

Responsibilities:

- Fuels and energy consumption questionnaire
- National energy and material balances
- Overall energy balance sheet
- Natural gas prices for industrial end-users and for households
- Deliveries of energy products to end-users questionnaire
- Annual questionnaire in oil
- Annual questionnaire on natural gas
- Questionnaires for different international organizations
- Participation in national working groups



Energy statistics team - profiles

Ivanka Tzvetkova - Chief expert

Education: Master of Economics

Experience: 33 years in NSI

Responsibilities:

- JODI and SEG questionnaires
- Annual questionnaire on electricity and heat
- Annual questionnaire on renewables and wastes
- Electricity and heat production questionnaire
- Combined heat and power units (CHP units) questionnaire
- Supply of biofuels questionnaire
- National energy and material balances
- Electricity prices for industrial end-users and for households
- Participation in national working groups

Energy statistics team - profiles

Irina Mitova - Chief expert

Education: Master of Economics

Experience: 35 years in NSI

Responsibilities:

- Monthly questionnaire on electricity
- Statistics on nuclear energy
- Consumption of main groups of raw materials, in kind and value
- Electricity prices for industrial end-users and for households
- National material balances
- Participation in national working groups

Energy statistics team - profiles

Kalinka Petrova - Chief expert

Education: Master of Economics

Experience: 18 years in NSI

Training: 5 months traineeship in EUROSTAT, Unit E5 Energy

Responsibilities:

- Monthly questionnaire on solid fuels
- Annual questionnaire on coal
- Balance of energy transformation processes
- National energy and material balances
- Section “Energy statistics” in Statistical yearbook
- Section “Energy statistics” in Statistical reference book
- Participation in national and international working groups

Energy statistics team - profiles

Iveta Minkova - Chief expert

Education: Master of Economics

Experience: 8 years in NSI

Responsibilities:

- Monthly questionnaire on natural gas
- Production and sales of energy products questionnaire
- Natural gas prices for industrial end-users and for households
- Annual questionnaire on natural gas
- National energy and material balances
- Press announce “Production and deliveries of energy products”
- Annual publication “Energy balances”
- Participation in national working groups



Energy statistics team - profiles

Daniela Koleva - Senior expert

Education: Master of Economics

Experience: 5 months in NSI

21 years in RSO

Responsibilities:

- Acquaintance with Bulgarian and European legislation in the field of energy statistics
- National material balances

Energy statistics team

- During the last year, the energy section of the Department, worked with one person less, which increased the burden of the experts. Now after coming of the new member to energy team, there is a good allocation of tasks. At present there is no need of additional staff.
- Experts develop their qualification by:
 - Continuously informing about any changes in the legislation (Regulations, Directives, Decisions, etc.) related directly to the work on energy statistics or other legal documents indirectly linked to energy statistics.
 - Participation in seminars, working groups, etc.
 - Participation in Computer courses – for work with the new IT products and programs for data processing
 - Participation in Language courses
- Experts willing also to participate in courses on energy statistics, but because of the lack of funds or lack of appropriate courses in this area, we do not have the opportunity to participate.



Regional statistical offices





Regional statistical offices functions

- Implement state policy in the field of statistics on the territory of the district where they are situated
- Carry out collection of statistical data for surveys in all fields of statistics on the territory of the district where they are situated
- Collect, process and analyze statistical information according to the approved methodologies and methods for conducting statistical surveys included in the National Statistical Programme and upon request of external users
- Keep constant contacts with NSI Central Office that delivers comprehensive guide to planning and conducting statistical surveys by specialized departments
- Contact with the local authorities of the state administration and the local bodies of self-government
- Transmit/receive data to/from another NSI structures, according to the Rules for Dissemination of Statistical Information Products and Services.

Regional offices staff

RSOs have different organizational structure than the Central statistical office. Usually the experts from Business statistics departments are those who are responsible for the energy statistics questionnaires. Work of experts from the RSOs for collecting data on energy statistics goes through the following stages:

- Receive from us the list of respondents, questionnaires and methodological notes
- Contact with the respondents by e-mail and send them the electronic questionnaires
- Provide methodological support to the respondents
- Collect completed questionnaires on time
- Make checks and validation of received data
- Send the questionnaires to NSI
- Participate in the further control and verification of data after the aggregation at national level and eventually found discrepancies.



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Thank you for your attention!

For further questions, please contact at:

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