



## ~ Methodology ~

# BALANCE OF HEAT

## LEGAL BASIS

The survey is carried out pursuant to the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and the Statistical Programme of Republika Srpska for the period 2018-2021.

## METHODOLOGICAL BASIS

### *AIM OF THE SURVEY*

Production of the annual energy balance of heat.

### *OBSERVATION UNITS/REPORTING UNITS*

The collection of data from reporting units covers all business entities engaged in the production and distribution of heat. Data on final consumption of heat in industry are collected from enterprises which are, in accordance with the Classification of Economic Activities (KD BiH based on the NACE Rev.2), classified into the sections B – Mining and quarrying and C – Manufacturing (except divisions 05, 06 and 19). Reports are also submitted by parts of non-industrial enterprises which perform industrial activity.

### *COVERAGE*

The survey covers business entities on the territory of Republika Srpska which are engaged in the production and distribution of heat. Business entities whose prevailing activity is not heat production and that produce heat for their own needs are covered only if certain amounts of heat are sold to third persons.

### *METHOD, PERIOD AND SOURCES OF DATA COLLECTION*

Data are collected annually, using the reporting method. The sources of data are:

- *Annual reports:*
  - Annual reports on production and consumption of heat – business entities engaged in production and distribution of heat (EN-T1-G).

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- Annual report on production and consumption of electricity and heat – business entities engaged in production of electricity and heat (EN-E2-G).
  - Annual report on consumption of energy and fuels in industry – business entities engaged in industry (EN-UGE-G).
  - *Regular statistical activities* in the fields of industry, construction, external trade, transport, agriculture, and forestry statistics.

#### ***PROTECTION OF CONFIDENTIAL DATA***

Only aggregate data for the level of Republika Srpska are published. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No. 85/03) and in accordance with the Rules of protection of confidential data.

#### ***DEFINITIONS***

**Gross production of heat** is total heat produced by plants. Heat produced by business entities (whose prevailing activity is not production of heat) for their own needs is not included in the gross production; only the sold amount of heat is included.

**Consumption of the energy branch** covers consumption of energy for operating purposes in the energy branch.

**Losses** cover transmission and distribution losses of heat.

**Energy available for final consumption** is energy available to final consumers. It is calculated by deducting consumption of the energy branch and losses of transmission and distribution from the total produced heat.

**Final consumption** covers heat consumed for energy purposes in industry, construction, transport, households and in agriculture, as well as heat consumed for energy purposes by other consumers.

#### ***COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS***

Annual balance of heat complies with the IEA/OECD/EUROSTAT recommendations.

The basic regulation defining the rules for surveys in energy statistics is the Regulation 1099/2008 and the Energy Statistics Manual of the International Energy Agency (IEA) and Eurostat ([https://www.iea.org/publications/freepublications/publication/statistics\\_manual.pdf](https://www.iea.org/publications/freepublications/publication/statistics_manual.pdf)).

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## **ORGANISATION OF SURVEY IMPLEMENTATION**

### ***AUTHORITIES IMPLEMENTING THE STATISTICAL SURVEY***

The authorised producer of balance of heat is the Republika Srpska Institute of Statistics

Collection, entry and processing of data are carried out in the Division for Production Statistics of the Institute. Data on consumption of energy and fuel in industry are collected by the regional offices of the Republika Srpska Institute of Statistics.

### ***OBLIGATION TO PROVIDE DATA***

Reporting units are obliged to submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No. 85/03).

### ***IMPLEMENTATION FREQUENCY***

The deadline for reporting units to submit completed reports (EN-T1-G, EN-E2-G and EN-UGE-G) to the authorised statistical body is 24<sup>th</sup> April.

The deadline for the Republika Srpska Institute of Statistics to publish the data is 20<sup>th</sup> October of the current year for the previous year.

## **INSTRUMENTS**

Annual reports on energy.

Regulation EC 1099/2008 and Energy Statistics Manual.

## **PUBLISHING**

Data are published in the annual release “Balance of heat”, in the statistical bulletin “Energy balances” and in the publication “This is Republika Srpska”.

### **Prepared by:**

Rada Lipovčić

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