



## ~ Methodology ~

### BALANCE OF COAL

#### 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 2022-2025.

#### METHODOLOGICAL BASIS

##### *AIM OF THE SURVEY*

Production of the annual energy balance of coal

##### *OBSERVATION UNITS/REPORTING UNITS*

The collection of data from reporting units covers all business entities engaged in the production of coal and business entities in the field of trade of coal. Data on final consumption of coal 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*

This survey covers business entities on the territory of Republika Srpska which are engaged in the production and trade of coal.

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

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

- *Annual reports:*
  - Annual report on production and consumption of coal – business entities engaged in mining of brown coal and lignite (EN-U1-G).
  - Annual report on trade with energy commodities – business entities engaged in wholesale trade of solid, liquid and gaseous fuels (EN-TE-G).

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- 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***

**Lignite/brown coal** is non-agglomerating coal with a gross calorific value less than 20,000 kJ/kg.

**Received by Republika Srpska and Delivered by Republika Srpska** refer to all coal entry and exit to/from Republika Srpska respectively, on any basis

**Stock changes** represent the difference between initial and final stocks in the observation year. An increase in stocks is presented as a negative number, while their decrease is presented as a positive one.

**Gross inland consumption** is the amount of coal available for consumption. It is calculated by deducting the amounts delivered by Republika Srpska (export and sale to the Federation of BH) from the sum of total production of coal, coal received by Republika Srpska (import and supply from the Federation of BH) and stock changes.

**Transformation input** covers amounts of coal consumed to produce other forms of energy (e.g. electricity) or for transformation into energy products.

**Energy available for final consumption** is energy available to final consumers. It is calculated by deducting the transformation input from the gross inland consumption.

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

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

Annual balance of coal 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 coal 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-U1-G and EN-UGE-G to the authorised statistical body is 24<sup>th</sup> April, while the deadline for the EN-TE-G report is 31<sup>st</sup> May.

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 coal", in the statistical bulletin "Energy balances" and in the publication "This is Republika Srpska".

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