

# ANNUAL SURVEY ON CONSTRUCTION WORKS ABROAD

## LEGAL BASIS

The survey is conducted on the basis of the Law on Official Statistics („Official Gazette of RS“, No. 104/2009) and Program of official statistics in the period from 2016 to 2020 („Official Gazette of RS“, No. 55/15).

## METHODOLOGICAL BASIS

### Aim of the statistical survey

Aim of annual survey on construction works abroad is to collect data on construction activity of enterprises that perform works abroad in order to realize the dynamics of such works during a year and by years.

### Reporting units and statistical units

Reporting units are legal units with principal activity classified in NACE Rev.2 sections F (Construction) that perform construction activity abroad, as well as selected business entities whose main activity is not in section F, but that perform construction activity abroad as secondary activity. The statistical units are the enterprises and kind of activity units (KAU).

### Contents of the statistical survey

Collected are the data on value of contracted and realized works abroad, data on consumed built-in materials from Serbia, data incorporated equipment from Serbia, on average number of workers on construction sites and hours worked by the workers from Serbia, according to the countries where the works are carried out.

### Method, time and sources for data collecting

The survey is conducted by the reporting method regarding the contractors (legal entities) that performed construction works abroad during the reporting period.

Data are collected annually.

### Obligation to protect individual data

Obligation of individual data protection is based on article 3 of the Provision on protection of data suppliers/ providers, articles 44, 45, 46, 47, 48 and 49 of the Provision on confidentiality of the Law on Official Statistics (“Official Gazette of RS”, No 104/2009).

### List and definitions of main items- indicators

*Construction* refers to performing of construction and construction and craft works, works on installations, facilities and equipment.

*Constructions* comprise constructions connected with the ground (any underground, over ground, as well as hydro technical structures – water works), for which construction works are performed, which are made of built-in materials and finished products for embedding. Land works, related to preparation of the surface, sowing or seeding are agriculture-related activities and are not included in construction works.

For classifying constructions, applied is the *Classification of Types of Constructions*. Classified unit usually refers to individual construction (building, road, pipeline, etc.).

*Buildings* refer to permanent constructions containing roof and outer walls, constructed as separate occupational units that provide protection from weather and other outside effects, with the purpose of living, performing some activities or keeping animals, goods and equipment needed for versatile production or service activities, etc.

*Civil engineering works* relate to all constructions that are not buildings: railways, roads, bridges, highways, airport runways, pools, etc.

*Value of contracted works* covers total value of the contracts, signed with purchasers, in the reference year, regardless whether the works were contracted by enterprise itself or the works were agreed through specialized agency, business association, etc. It is considered that the contract was created on the day of signing by the investor and contractor. Value of architects' or consultants fees is excluded.

*Value of performed works* presents total value of works carried out by the reporting unit in particular countries in the referent year, by its own workers or workers directly engaged, no matter whether the workers are full-time employed or not. This value can be calculated as total value of works performed abroad minus value of works performed by other business entities for the mentioned reporting unit, such as works performed by partners, sub-contractors, etc. Therefore, reporting unit presents the works done by its own workers, as main contractor or sub-contractor or partner, excluding the works done by its sub-contractors or partners. Value of performed works comprises value of work, built-in materials and finished products for embedding, purchased by the reporting unit, as well as other costs related to performing works abroad, together with the reporting unit's profit.

***Value of performed works referring to buildings*** comprises works on buildings (preparation works on construction sites, construction of the building, finishing and installation works), i.e. all buildings from section 1 of the Classification of Types of Constructions.

*Value of works performed on civil engineering* comprises works on constructions related to transport infrastructure, pipelines, communication and electric power lines, complex industrial constructions and other nowhere else classified constructions, meaning all constructions that are not buildings (section 2 of the Classification of Types of Constructions).

*Value of consumed construction materials* presents material used in the referent year abroad. This value is included in total value of performed works and it excludes value of consumed materials that the enterprise purchased abroad.

*Value of built-in equipment* presents value of equipment consumed abroad during the referent year. This value is included in total value of performed works and it excludes value of built-in equipment that the enterprise purchased abroad.

***Average number of workers on construction sites, total*** means average total number engaged by the reporting unit for performing the construction works abroad, including both the workers from Serbia and workers from other countries. The data are provided as total number of all engaged workers in the referent year, divided by the number of months in which they performed work.

***Average number of workers on construction sites, from Serbia*** presents average number of workers from Serbia engaged by the reporting unit for performing construction works abroad. It is the sum of all workers from Serbia engaged for works abroad in the referent year, divided by the number of months in which they performed work.

***Total number of hours worked*** is number of hours actually worked on construction sites abroad by workers from Serbia.

## **Level of data representativeness (*territorial and CA*)**

Data on construction works abroad are presented by countries in which works are performed.

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohia and therefore these data are not included in the coverage for the Republic of Serbia (total).

## **Harmonization with international recommendations, standards and practice**

In scope of the survey on construction works abroad, main changes related to harmonization with international recommendations were conducted in 2003.

Works performed abroad have been monitored since 2003 excluding architects' services as such services are not classified in Construction, according to the Classification of Activities. Integral part of the methodology for conducting annual survey on works abroad involves Classification of Types of Constructions. Therefore, structure of value of performed works is in accordance with the new Classification of Types of Constructions. Since 2004, survey on works abroad, GRADJ-33, has been conducted annually. Moreover, quarterly survey on works abroad is also obtainable in quarterly report of construction.

## **DESCRIPTION OF THE SURVEY MANAGEMENT**

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### **Bodies in charge of the survey management (*responsible producer of official statistics*)**

The process of surveys' preparation and implementation involves: the Statistical Office of the Republic of Serbia, Statistical Section of AP Vojvodina and regional departments of the Office, Institute for Informatics and Statistics of the city of Belgrade, as well as all executors of the survey, i.e. responsible persons in the reporting units.

## Obligation to provide data

The obligation to provide data is laid down in Article 26 of the penalty provision relative to the refusal of providing data or providing incomplete and false data according to Article 52 of the Law on Official Statistics ("Official Gazette of RS", No 104/2009).

## Timetable of the main phases of the survey (*including data publishing*)

- The reporting units are due to deliver the completed questionnaire GRADJ-33 to the relevant statistical authority not later than April 1<sup>st</sup>, with the data on the previous year.
- Regional departments, Statistical Section of AP Vojvodina and the Institute for Informatics and Statistics of the city of Belgrade are to send the examined reports to SORS not later than May 1<sup>st</sup>.
- Statistical release has to be designed not later than June 15<sup>th</sup>.

## SURVEY TOOLS

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### Questionnaire

Questionnaire GRADJ-33 is used for conducting the annual survey on construction works abroad.

### Instructions for filling the questionnaire

Questionnaire GRADJ-33 is filled by all physical persons and legal entities that perform construction works abroad and are classified in the section of Construction, as well as all legal entities not classified in this section but having incorporated units that perform construction works abroad.

Data in the tables are presented for every country, in a separate line and the first two columns have to contain the name of the country, while the code country is filled by statistics.

Value of contracted and performed works in the reporting year is calculated on the basis of USD or EUR average exchange rate, provided by the National Bank of Serbia, as of 31.12. of the previous year, regardless of the current exchange rates.

The part designed for providing details on partners has to contain enterprises from the country that performed construction works abroad in the referent year together with the enterprise that submits the questionnaire (e.g. certain enterprises perform construction works, while others carry out equipment installation, etc.).

### List of nomenclatures and classifications used in the survey (*with the information where to obtain them*)

- Classification of Activities CA (2010): register of enterprises, institutions and other legal entities, register of shops, Statistical Office of the Republic of Serbia, Official Gazette.
- For classifying constructions, applied is the Classification of Types of Constructions. The mentioned Classification, containing the classified constructions in details has been published in the edition Methodologies and standards, book no. 15, SORS, 2005.
- Code list of the countries is taken over from the Division on External Trade and Transport Statistics.

### List of publications in which the survey results and the relevant methodology can be found (*in printed form and/or in scope of Internet presentation*)

Detailed methodological notes of this survey can be found in SORS edition – Methodologies and standards: Annual survey on construction works abroad, book no. 27/2007.

Processing results of the survey on construction works abroad are published in statistical release GR-50, Statistical Yearbook of Serbia, as well as on the website of the Statistical Office of the Republic of Serbia.

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