

EUROPEAN STRUCTURAL AND INVESTMENT FUNDS

Ongoing projects

CONTENT

OPERATIONAL PROGRAMME EFFICIENT HUMAN RESOURCES 2014 - 2020.....	3
System for Quality Management and Documentation of Quality of Statistical Surveys	4
Development of a standard platform for web questionnaires	6
Introduction of a cost estimation system for statistical processes and products	7
EUROSTAT PROJECTS.....	8
Development and quality improvement of short-term statistics (STS)	9
EBS Regulation (EU) 2019/2152 Implementation: Methodology and new data requirements	11
Gender-based and interpersonal violence Survey (full implementation)	13
Statistics on the usage of Information and Communication Technologies (ICT) 2021 and 2022	15
Capital stocks and consumption of fixed capital	16
Price Statistics - Data sources for HICP	17
Upgrading of administrative sources usage and data processing of agricultural statistics .	19
European Statistics Competition 2021/2022 – participation	21
PPPs data collection 2022	23
Data collection for City and Subnational Statistics	25
Labour Force Survey (LFS) - Statistical infrastructure under IESS - 2022 module - 2022 field-test on Digital Platform Employment (DPE)	27
Income and Living Conditions (ILC) - Statistical infrastructure under IESS - SILC 2022 module - 2021 and 2022 Infra-annual data collection.....	28
Statistics for the European Green Deal.....	29
Integrated Farm Statistics programme	30
European Statistics Competition 2022/2023	31
Global Value Chains and Multinational Enterprises in Business Statistics.....	33
Integrated Farm Statistics (IFS) 2023.....	34
PPPs data collection 2023	35
Real estate Statistics, Activity 1, Quarterly house sales indicators	37
Reconciliation of vertical discrepancies between financial and non-financial sector accounts	38

LFS 2023 module "Pension and labour market participation"	40
STRUCTURAL REFORM SUPPORT PROGRAMME 2017-2020	41
Improvement of quarterly national accounts and estimates related to the size of the informal economy	41
TECHNICAL SUPPORT INSTRUMENT 2021-2027	42
Technical support to improve the IT system to collect, produce and disseminate accurate and complete macroeconomic statistics	42
EU SOLIDARITY FUND	43
Preparation of project documentation and implementation of protection measures for the building of the Croatian Bureau of Statistics, Branimirova 19, Zagreb.....	43

OPERATIONAL PROGRAMME EFFICIENT HUMAN RESOURCES 2014 - 2020

<https://strukturnifondovi.hr/eu-fondovi/esi-fondovi-2014-2020/op-ucinkoviti-ljudski-potencijali-2014-2020/>



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List of ongoing projects funded (co-funded) from the Operational Programme Efficient Human Resources 2014 – 2020:

System for Quality Management and Documentation of Quality of Statistical Surveys

Project financed from Priority Axes 5 – Smart administration

Name of the project (operation), beneficiary / partner in the project:

System for Quality Management and Documentation of Quality of Statistical Surveys - Croatian Bureau of Statistics

Short description of the project (operation):

One of the main tasks of the statistical system is the efficient and timely preparation and dissemination of quality statistical indicators that reflect economic and social phenomena and processes and provide users with a reliable source for analysing the current situation and making decisions. By automating the defined standardized procedures, instead of their manual implementation, which has so far been carried out without adequate IT support, the Croatian Bureau of Statistics will be able to achieve a higher quality standard in the production and dissemination of statistical data. Statistics will become available to users to a greater extent and in a shorter time.

Objectives and expected results of the project (operation):

The Croatian Bureau of Statistics will upgrade the database for quality information with the Quality Management and Quality Documentation of Statistical Surveys project and develop general software that will enable automated calculation of key values of numerical quality indicators. In this way, the quality of data will be raised to the desired level and meet the requirements set by Eurostat.

Total contracted value of the project and the amount co-financed by the EU (in HRK):

1.777.423,62 HRK (of which the EU donation amounts to 1.510.810,08)

Project implementation period:

08/08/2018 – 08/03/2022

Contact person for more information:

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Development of a standard platform for web questionnaires

Project financed from Priority Axes 5 – Smart administration

Name of the project (operation), beneficiary / partner in the project:

Development of a standard platform for web questionnaires - Croatian Bureau of Statistics

Short description of the project (operation):

In the Croatian Bureau of Statistics a demand occurred to develop a web questionnaire that will follow the standards prescribed by European Union regulations (hereinafter: EU) in the field of statistics (Regulation (EC) 223/2009 on European Statistics, European Statistics Code of Practice and Peer Review Recommendations). Consequently, it is necessary to change the existing web questionnaires that are not designed according to the above standards. The mentioned standards represent the internal procedures that the Croatian Bureau of Statistics follows when developing new questionnaires. The aim of the project is to define them in detail and formalize them by developing a standard web platform. Necessary changes to the web questionnaire are an exceptional financial burden and require a lot of time. The advantages of introducing a standard platform for web questionnaires would be to reduce the time and work spent on introducing new researches, increase efficiency, reduce costs and strengthen administrative capacity.

Objectives and expected results of the project (operations):

The project would enable the strengthening of institutional capacities of public bodies, stakeholders and an efficient public administration; would increase the efficiency of capacities in public administration by improving the provision of services and human resources management. The expected result of the project would be the introduction of a standard platform for web questionnaires.

Total contracted value of the project and the amount co-financed by the EU (in HRK):

1.814.290,12 HRK (of which the EU donation amounts to 1.542.146,60)

Project implementation period:

08/08/2018 – 08/04/2022

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Introduction of a cost estimation system for statistical processes and products

Project financed from Priority Axes 5 – Smart administration

Name of the project (operation), beneficiary / partner in the project

Introduction of a cost estimation system for statistical processes and products - Croatian Bureau of Statistics

Short description of the project (operation):

The CBS, as a national statistical body, is obliged to adhere to the principle of Economy, one of the principles of the European Statistics Code of Practice, the basic common quality framework of the European Statistical System.

By introducing a system for estimating the costs of statistical processes and products, the CBS will be given a tool that will enable it to more rationally dispose of available human and other resources (ie budget funds) and strengthen its administrative capacity and increase efficiency and economy.

With this system, the CBS will receive quality data on the basis of which it will be able to allocate its resources, seek savings in business and determine priorities for improvement. In this way, they will be able to establish a quality basis for analysis and decision-making on business.

Objectives and expected results of the project (operations):

By introducing a system for estimating the costs of statistical processes and products, the CBS strives to establish a sound basis for analysis and decision-making on business, decisions on statistical products, decisions on improving certain statistical processes and products and, ultimately, achieving the overall goal of the operation - increasing the efficiency of public administration. By introducing this system, the CBS will also be able to more easily and accurately meet the obligations and requirements of the European Commission - Eurostat.

Total contracted value of the project and the amount co-financed by the EU (in HRK):

2.835.850 HRK (of which the EU donation amounts to 2.410.473)

Project implementation period:

03/08/2021 – 03/08/2023

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EUROSTAT PROJECTS

The list includes ongoing statistical projects funded (co-funded) by the European Union, represented by the European Commission, Eurostat. Projects are considered ongoing until the approval of the final project report.

Development and quality improvement of short-term statistics (STS)

EG19 STS

Contract number: 874427 — 2019-HR-B4447-STS

Implementation period from 01/08/2019 to 31/05/2022

Project summary

Short-term statistics are most commonly used for economic trend analysis, forecasting and modelling, they are also required for the preparation of policy decisions, research purposes, checking and validating data from other sources and as a basis for business decisions (e.g. in market research).

Within this grant, CBS will carry out activities within area 4 - Use of "big data" to improve STS indicators.

Specific objectives for work area 4 include: general quality improvements and in particular reductions of the revisions of the first releases of the national indicators, improved information on the retail trade via internet and burden reductions for reporting units.

CBS will be responsible for conducting all phases of the action. Main activities that will be carried out within the project are:

1. Overview, analysis of potential new data sources from administrative bodies for the monthly production of retail trade turnover data;
2. Development of estimation procedures for the production of monthly turnover aggregates in the retail trade at section, division and group level;
3. Experimental calculation of monthly data and quality check of data;
4. Management of technical activities, monitoring of technical implementation, technical reporting.

The expected outcome of the grant will be improved quality of the retail trade volume indicator and reduced burden of reporting businesses.

Expected impact will be improvements of Short-Term Statistics (STS) in general and particularly Services Business Statistics in Retail Trade.

Target groups will be the European Central Bank and national central banks but the data are of high importance for the European Commission, national governments, research institutes, as well as for businesses and business organisations.

It is also important to note that short-term statistics provide key input for other statistical areas such as national accounts.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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EBS Regulation (EU) 2019/2152 Implementation: Methodology and new data requirements

EG20 EBS

Contract number: 101018029-2020-HR-EBS

Implementation period from 01/03/2021 to 28/02/2023

Project summary

The Regulation of European Business Statistics brings new requirements towards member states regarding extension of coverage of NACE sections for SBS production (Sections K, P, Q, R and division S96).

In this project, CBS will develop the methodology for SBS and BD statistics covering the new requirements, set up the production according to EBS Regulation and deliver first data for the reference year 2021 before 1 November 2022.

These activities concern Work areas 7-Support to implement the methodology for the compilation of the SBS and BD statistics covering the newly required NACE codes: P, Q, R and S96 and 8 - SBS: Support to set up the production of variables for the Section K.

Work planned:

WA7: CBS will define administrative and statistical sources, define algorithms for calculating SBS variables, start production and analyse the quality.

WA8: CBS will define administrative and statistical sources, develop methodology and procedures for compiling new section variables, start production and analyse the quality.

Results and impact:

WA7:

Developed methodology for the compilation of SBS and BD variables, prepared production system for regular data transmission covering the new sections P, Q, R, S96, and national data analysed for SBS quality. Outputs will be methodological report, first SBS and BD data for the reference year 2021~~0~~, two progress reports and final report.

WA 8:

Developed methodology, compilation process and prepared production for new Section K variables, followed by analysis performed in order to fulfil adequate SBS quality. Outputs will be methodological report, detailed timetable for the implementation and the envisaged starting date for the transmission of the Section K, first SBS data for the reference year 2021~~0~~, two progress reports and final report.

National statistical system will benefit from this project, as well as wide range of data users - European Commission, policy makers, business associations, broad range of private users etc.

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Project results

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Gender-based and interpersonal violence Survey (full implementation)

EG20 GBV

Contract number: 101018003 -2020-HR-GBV Survey

Implementation period from 01/12/2020 to 30/04/2023

Project summary

This project is an opportunity to address the obligation deriving from the UN 2030 Agenda and from the Council of Europe Convention on preventing and combating violence against women and domestic violence, which was signed and ratified by the Republic of Croatia.

This survey provides a unique opportunity to gain experience of implementing standalone victimization survey and to gain statistical results on: gender dimension of significant crime types, interpersonal conditions which might influence crime patterns, personal consequences of crime, reporting practices, attitudes towards police, readiness of the legal and health system to tackle the issues covered by the survey, intensity of certain crime types, a general but statistically sound socio-demographic picture of both the perpetrator and the victim.

First, the final version of the survey questionnaire (commented questionnaire) needs to be translated from English to Croatian language. An expert revision should also be performed.

Procurement will have to be done for the preparation of IT infrastructure, preparation and implementation of the fieldwork as well as for calculation of indicators.

The basic achievement is to successfully implement the survey and gain statistically sound, nationally representative and internationally comparable statistical frequencies.

Potential beneficiaries are: public administration (e.g. Ombudsman for Gender Equality, Ministry of Justice, Ministry of Interior, Ministry of Finance, etc.), media, academic community, international organizations (e.g. Eurostat, EIGE, FRA, UNODC), as well as all stakeholders that have invested in the victim protection and crime suppression initiatives.

The project will provide a knowledge and a known-how to perform a national victimization survey, but also will result in statistical tools (questionnaires, IT infrastructure, user manuals, training manuals, etc.).

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Project results

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Statistics on the usage of Information and Communication Technologies (ICT) 2021 and 2022

EG20 ICT

Contract number: 2021.0045

Implementation period from 01/12/2020 to 31/01/2023

Project summary

The general objective of the project is to ensure implementation of the new legal framework for the ICT usage and e-commerce in enterprises (Regulation (EU) 2019/2152 and the related implementing Regulation (EU) 2020/1030 for survey year 2021 and for survey year 2022). This includes the collection of accurate, reliable, representative aggregated data, delivered in a timely manner, based on the 2021 Eurostat model questionnaire for the survey on ICT usage and e-commerce in enterprises, in line with the new legal basis.

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Project results

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Capital stocks and consumption of fixed capital

EG20 CFC

Contract number: 101035539 — 2020-HR-CFC

Implementation period from 01/12/2020 to 30/11/2022

Project summary

The CBS is under derogations with respect to transmissions of gross fixed capital formation (GFCF) related tables where, according to the ESA 2010 transmission program, the mentioned tables have to achieve mutual consistency and to ensure a high level of cross-country comparability. This project would be of significant contribution to achieve goals related to completion and consistency among tables within Croatian national accounts system.

The methodological work as described under the chapter 3.3 is to be followed along with all recommendations concluded at the planned task force meetings. This primarily applies to age price profiles (depreciation rates and depreciation functions) and retirement profiles, with examples provided (case studies focusing on a particular type of asset, or group of assets - empirical information on the most important parameters for Perpetual Inventory Method).

The main results will be completed/updated asset related transmission tables. The current flow of work, as well as the final one, will be described in the interim report, in the progress reports (if applicable) and in the final report.

Such improved data will enable harmonization in terms of methodology, parameters included in the model (primarily related to the useful life of fixed assets) and finally the comparability of results among Member States.

Since the consumption of fixed capital (CFC) is among the most important variables in national accounts since deducting a gross amount for CFC equals a net amount, this project will help the CBS to improve the compilation of, not only variables of GDP or sector accounts, but the GNI and excessive deficit procedure – all within the European Statistics context.

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Project results

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Price Statistics - Data sources for HICP

EG20 PRICE

Contract number: 101034421 — 2020-HR-PRICE

Implementation period from 01/12/2020 to 30/11/2022

Project summary

This project relates to Activity 2. New data sources for the HICP and within this grant CBS will carry out activities in the area of retailer's transaction data.

Its general objective is to further develop and improve methodologies and practical solutions to collect the data using scanner data for HICP as the new source of price information replacing manually collected price quotes at outlets that are compatible with the current European legal framework and best practices.

The project will entail further improvement in the calculation of the HICP and in increasing the accuracy of the indices.

The project is continuation of the previous Eurostat grant in Price statistics.

The following activities are foreseen:

1. Assessment of the quality and feasibility of the activity in connection with available/additional data sources
2. Analysis of the obtained data from newly included retailers for ECOICOP 01 and for new including ECOICOP 02
3. Further work on the development of the production system that integrates the new data sources to the index compilation
4. Experimental calculation of individual index per elementary aggregate with weighted arithmetic mean
5. Developing the new weighing structure on the level of EAs that will be weighted according to retailers' turnover
6. Setting up the aggregation structure, from individual indices with weighted arithmetic mean aggregate indices, i.e. indices of groups (by ECOICOP) and the total
7. Assessment of the impact on the HICP indices (overall on the selected ECOICOP categories)
8. Assessment of the quality of the results in connection with data sources and methodology used
9. Management of technical activities, monitoring of technical implementation, technical reporting
10. Participation in workshops

The project will enrich the knowledge regarding prices and consumer behaviour. These improvements will be achieved while preserving the current concepts underlying the harmonised consumer price index.

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Croatian Bureau of Statistics

Project results

Project is ongoing.



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Upgrading of administrative sources usage and data processing of agricultural statistics

EG20 AGRI

Contract number: 101037550 — 2020-HR-AGRI

Implementation period from 01/06/2021 to 31/05/2023

Project summary

The Eurostat document “Strategy for agricultural statistics for 2020 and beyond” aims at producing data on agriculture that meet the current and future user needs in an efficient manner with a bearable burden on data producers. CBS developed this modernisation project to meet this strategy.

The general objective of the project is the modernisation of agricultural statistics through further integrating the use of administrative registers, modernisation of data collection and data processing.

CBS plans the modernisation of data collection through the following activities: further integrating the use of administrative registers, improvement of CATI data collection and integration of existing surveys (Crop production and Livestock). The main expected achievement are the standardization of administrative register (variables, addresses) according to the common methodology (IFS/SAIO), better use of administrative data; decrease of burden on data producers and finally improved agriculture statistics.

CBS plans the modernisation of data processing through development of new imputation methods from administrative sources. The main expected outcome is increased quality of data.

The main expected outcome of the project will be primarily higher exploiting the use of existing administrative data sources especially in the field of organic farming and pesticide use. Updating of Statistical Register of Agricultural Holdings (SRAH) with data from organic farming will provide quality data for the Ministry of Agriculture and other decision makers.

Modernisation of data collection, integration of existing surveys will decrease the burden on respondents and CBS statisticians. Use of modernised CATI data collection tools will provide higher efficiency in data collection and better data quality for decision makers.

Modernisation of data processing will increase the quality of data, CBS efficiency and provide quality data for the general public and decision makers.

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Project results

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European Statistics Competition 2021/2022 – participation

EG21 COMP

Contract number: 101051551 — 2021-HR-COMPETITION-PARTIC

Implementation period from 01/09/2021 to 31/08/2022

Project summary

For the fifth year in a row, the CBS organized the European Statistics Competition (ESC), thus showing students the important role of statistics in everyday life, increasing their interest in statistics and promoting teamwork and cooperation among students. Given that the CBS is continuously making additional efforts to increase awareness of statistics among the younger generations. With the organization of the competition we are able to continue investing in the modernization of communication, as well as the use of official statistics, both national and European. In addition, within the project we continuously encourage teachers to use new materials in teaching and use official statistics. Therefore, we want this competition to become traditional annual event in order to continuously educate students about the importance of statistics in everyday life. By establishing good connections with the educational sector, the CBS has made this competition traditional and the teachers are spreading the good words about the competition between themselves and among the students. With each competition organized over the years, we collected suggestions for improvements from participants and implemented them where possible. The CBS will continue with all of the promotional activities and popularization of statistics through this unique competition.

CBS will have a promotional campaign through different communication channels and we will continue to achieve our general objective for introducing statistics even more in the national curriculum and to ensure extra points for students while enrolling faculties. Due to the good response, the CBS plans to implement this year as well a public choice award. By organizing the ESC at national level, the CBS will further strengthen connections within educational sector and by implementing public choice award, the CBS will interest a wider audience in statistics and involve general public not directly involved in the competition.

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List of participants

Croatian Bureau of Statistics

Project results

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PPPs data collection 2022

EG21 PPP

Contract number: 101051565 — 2021-HR-PPP

Implementation period from 01/11/2021 to 28/02/2023

Project summary

The Croatia has to achieve the specific objectives (A-F) in line with the Eurostat PPP work plan deadlines as established annually by the PPP Working Group. When executing the tasks, the Croatia shall follow Regulation (EC) No 1445/2007 of the European Parliament and of the Council of 11 December 2007, establishing common rules for the provision of basic information on Purchasing Power Parities and for their calculation and dissemination, as well as the methodological manual on PPPs and specific instructions given by Eurostat. The action aims at ensuring the provision of high quality and comparable input data for the purpose of calculating Purchasing Power Parities

The action is divided into 6 objectives:

- A: Consumer goods price surveys
- B: Estate agencies rents surveys
- C: Capital goods price surveys
- D: Hospital price surveys
- E: Other PPP input data
- F: PPP inventory

The consumer goods, capital goods and hospital price surveys may be co-ordinated by a contractor on behalf of Eurostat.

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Project results

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Data collection for City and Subnational Statistics

EG21 CITY

Contract number: 101052240 — 2021-HR-CITY

Implementation period from 01/04/2022 to 31/03/2024

Project summary

The general context of this action is the collection of quantitative information on the quality of life in European cities and regions in support of EU policy initiatives on urban and rural development. The main purpose of this action is the support to Croatian Bureau of Statistics (CBS) as a beneficiary in developing and adapting its statistical infrastructure in order to be able to produce statistics on sub-national territorial typologies, in particular on Cities and Functional Urban Areas.

Objectives will be achieved through the following activities:

Activity 1: Provision of statistics (data and metadata) on Cities and Functional Urban Areas

Activity 2: Assessing and implementing changes on sub-national territorial typologies taking into account the 2021 census based population grid

Activity 5: Raise awareness and increase knowledge about sub-national statistics.

The main achievements expected:

- Validated dataset for the referenced years 2021 and 2022
- Metadata file according to ESS standards completed
- Statistical production based on updated territorial typologies
- Raised awareness and increased knowledge about sub-national statistics.

The project is expected to:

- implement and improve city statistics data collection at national level,
- produce related statistical outputs according to ESS standards and based on updated territorial typologies,
- ensure knowledge sharing, dissemination and communication of sub-nationals statistics.

The overall activities including final results will be presented to all project participants at the end of the project with the aim of detecting what could be improved further. It is expected to receive feedback information from the representatives of every branch office participating in the project. Having in mind that regional offices have limited human and financial resources, direct exchange of information with them can result in specific proposals concerning further improvements.

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List of participants

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Project results

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Labour Force Survey (LFS) - Statistical infrastructure under IESS - 2022 module - 2022 field-test on Digital Platform Employment (DPE)

EG21 LFS SURVEY

Contract number:

Implementation period from 01/09/2021 to 31/05/2023

Project summary

The purpose of this project is to implement Labour Force Survey (LFS) 2022 ad hoc subject on job skills.

The project aims at supporting the Croatian Bureau of Statistics to be compliant with the Commission Delegated Regulation (EU) 2020/256 of 16 December 2019 and with the Commission Implementing Regulation (EU) 2020/1642 of 5 November 2020 and to enhance the quality of the EU-LFS data as regards methodology provided in the new framework regulation on Integrated European Social Statistics (EU) 2019/1700 through:

- collecting methodologically sound and valid data in accordance with Commission Implementing Regulation (EU) 2020/1642 of 5 November 2020 specifying the technical characteristics of the dataset for the 2022 ad hoc subject on job skills,
- increasing the comparability of results by the use of the model questionnaire and explanatory notes proposed by Eurostat.

The 2022 ad hoc subject will be carried out as a supplement to the Labour Force Survey, in four quarters of 2022 on a subsample. Data collection (fieldwork) will be carried out by CAPI interviewing method. It is ad hoc subject requested by users because of particular interest at this specific point in time, and it will be conducted for the first time in 2022. The main aim of the project is to produce sound and comparable results among EU countries and to deliver microdata set to Eurostat in time. Objectives will be achieved through the following activities: development of national questionnaire and methodology for the 2022 ad hoc subject, development of software CAPI application, data collection, data editing, data processing (defining variables for the 2022 ad hoc subject), preparation and transmission of microdata set to Eurostat via eDamis.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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Income and Living Conditions (ILC) - Statistical infrastructure under IESS - SILC 2022 module - 2021 and 2022 Infra-annual data collection

EG21 ILC

Contract number:

Implementation period from 01/09/2021 to 30/04/2023

Project summary

This project will be focused on establishing Income and Living Conditions (EU-SILC) data preparation, collection and production of social indicators under new adopted Regulation (EU) 2019/1700.

New regulation requires considerable effort for accomplishing several general objectives brought by regulation. Therefore, project will include SILC 2021 data processing (enhanced use of administrative registers, improvement in imputation method, development of the programming codes and implementing new flag variables), SILC 2022 (sampling improvements, implementing new/amended variables in Blaise CAPI questionnaire, shortening and performing process of logical-mathematical controls during the fieldwork, improvements in weighting methods) and SILC 2023 variable preparation (implementing new/amended variables, implementing and testing new/amended variables in Blaise CAPI questionnaire).

As a country with granted derogation of SILC 2021 data transmission (15th June 2022) and SILC 2022 data transmission (31st March 2023), activities funded from grant will be helpful to achieve granted derogation deadlines with deadline for SILC 2023 in scope, when all the activities and processes need to be done in one year.

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List of participants

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Project results

Project is ongoing.



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Statistics for the European Green Deal

EG21 EGD

Contract number:

Implementation period from 01/03/2022 to 28/02/2023

Project summary

Develop Resource management expenditure accounts

During this project Croatian Bureau of statistics (CBS) will investigate sources and develop methods and procedure to compile and report data on expenditure on the key resource management activities included in the extended environmental protection expenditure accounts and data on 'green investments'; CBS will undertake pilot compilation of the data and send the results to Eurostat together with a report describing the methods and sources in a clear manner so that it could be used for reference by other national compilers.

This extension of the EPEA module takes into account the policy need coming from the European Green Deal, but it also considers the concerns expressed by some countries that the development of a comprehensive module on resource management expenditure accounts (ReMEA) would be too costly. Therefore, resource management expenditure accounts are proposed not as a standalone module but as an extension of the EPEA module, for reasons of synergies with EPEA and simplified reporting.

Eurostat has elaborated and specified this extension in the EPEA questionnaire template used for the 2020 EPEA data reporting by extending its coverage with three voluntary resource management categories (renewable energy, materials recovery and energy efficiency). Up until this point, CBS did not yet deliver these voluntary variables and did not start developing data on mentioned expenditures. During this project, CBS will explore data sources and work on methods and calculations in compiling data on Resource management expenditure. Aim is also to get practical information on methodology, data collection and processing methods used for producing these accounts.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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Integrated Farm Statistics programme

EG19 IFS

Contract number: 2019.0201

Implementation period from 01/10/2019 to 31/03/2022

Project summary

General objective of the action is to organize and implement the data collection for the reference year 2020 in compliance with Regulation (EU) 2018/1091, and to collect and provide core structural data as well as data for the modules

- Labour force and other gainful activities,
- Rural development and
- Animal housing and manure management

Specific objective of the action is to provide information on the structure of agricultural holdings (number of holdings, land use, livestock numbers, management, farm labour input) as well as on production methods, rural development methods, agro-environmental aspects etc.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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European Statistics Competition 2022/2023

EG22 COMP

Contract number: 2022. 101096240

Implementation period from 01/9/2022 to 31/08/2023

Project summary

In the Croatian Bureau of Statistics (CBS), statistical literacy is considered an important skill to be able to understand a complex world and make grounded decisions. With the desire to show the important role of statistics in everyday life to students, CBS will organize the European Statistics Competition (ESC) for the sixth time. Given that CBS is continuously making additional efforts to increase awareness of statistics among the younger generations, the competition will not only increase interest in statistics but will also promote teamwork and cooperation among students. CBS wants to encourage students to use statistical data (both national and European) as much as possible in their schoolwork. In addition, the project is encouraging teachers to use new materials in teaching and use official statistics in their work. The tradition of this competition has led to a greater understanding of the importance of statistics in everyday life.

With each competition organized over the years, the CBS collected suggestions for improvements from participants and thus improved the implementation of the competition. CBS will continue with the promotional activities and popularization of statistics through this unique competition. Like every year, the general objective of introducing statistics even more in the national curriculum will be achieved with the already established connection with the educational sector – the Ministry of Science and Education and the Agency for Science and Higher Education. Due to the excellent response, CBS will continue to execute a public choice award with a goal to further extend the scope of people involved. By organizing the ESC at national level, CBS will strengthen connections with the educational sector, encourage students to use statistics, and increase the interest of the wider public in statistics.

Objectives and expected results:

Objective: Supporting the participation in the European Statistics Competition at the national level; Expected result: Organization and implementation of the European Statistics Competition at the national level and the participation of Croatian teams at the European level of the competition.

Objective: Supporting the execution of a public choice award at the national level in the European Statistics Competition; Expected result: Organization and implementation of a public choice award at the national level of the European Statistics Competition.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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Global Value Chains and Multinational Enterprises in Business Statistics

EG22 GVC

Contract number: 2022. 101100749

Implementation period from 01/1/2023 to 31/12/2023

Project summary

Globalisation and the increasing complexity of the activities of MNEs pose challenges to the production of business statistics and to the correct and consistent reflection of MNEs' activities in national statistics. For efficiency and consistency reasons, the globalisation related activities, including the EuroGroups Register, European profiling, national profiling, national Large Cases Units (LCUs), and the Early Warning System (EWS), need to take place in a systematic and coordinated way. Following the Bratislava DGINS, the European Statistical System Committee (ESSC) confirmed at its meeting in February 2021 the importance of having in place infrastructures for

such a systematic approach to MNEs. The statistical business registers (national and European in particular) are to become the core infrastructures for the coordination and data exchange on MNEs.

A set of prioritised MNEs, with significant statistical impact should be frequently profiled and updated in the registers with high quality information. European profiling is part of the ESBRs (European System of Interoperable Statistical Business Registers) process with the purpose to increase the quality of information on the largest and most important multinational enterprise groups (MNEs) in the national statistical business registers and the EuroGroups Register.

European profiling ensures a common methodology for all NSIs to delineate the groups' structures, their characteristics, including the Global Decision Centre (GDC), and their national enterprises.

Participation in the European profiling programme will give CBS benefit to the national statistical production systems, not only by improving the quality of the national business registers but also by serving other statistical domains such as NA, FATS, SBS.

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Project results

Project is ongoing.



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Integrated Farm Statistics (IFS) 2023

EG22 IFS 23

Contract number: 2022. 101093824

Implementation period from 01/12/2022 to 30/11/2024

Project summary

The objective of the action is to contribute to the data collection for Integrated Farm Statistics.

The Eurostat document “Strategy for agricultural statistics for 2020 and beyond” aims at producing data on agriculture that meet the current and future user needs in an efficient manner with a bearable burden on data producers. The general objective of the action is to organize and implement the data collection for the reference year 2023 in compliance with Regulation (EU) 2021/2286, and to collect and provide core structural data as well as data for the modules:

- Labour force and other gainful activities,
- Rural development
- Irrigation
- Soil management practices
- Machinery and equipment
- Orchards

The main outcome of the project will be to provide requested core data and data on modules for the general public and decision makers in compliance with Regulation (EU) 2018/1091 and Commission Implementing Regulation (EU) 2021/2286.

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List of participants

Croatian Bureau of Statistics

Project results

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PPPs data collection 2023

EG22 PPP

Contract number: 2022. 101092777

Implementation period from 01/11/2022 to 29/2/2024

Project summary

The aim of the project is to collect a high quality data set for calculating parity, first from the lowest levels (SPD level) to basic groups (BHs) to obtain an indicator for calculating GDP by Purchasing Power Parity. The CBS will implement the project through different activities in accordance with the Eurostat PPP work plan. Implementation will be carried out according to the Eurostat / OECD PPP methodology and Regulation (EC) no. Regulation (EC) No 1445/2007 of the European Parliament and of the Council of 11 December 2007 establishing common rules for the provision of basic information on purchasing power parities and for their calculation and dissemination.

The Central Bureau of Statistics will implement the project through eight objectives:

A: Consumer goods price surveys - through this objective we will provide data sets that Eurostat use for calculation Price level indices (PLIs) which provide a comparison of countries price levels relative to the EU average and PPPs are indicators of differences in price levels across countries. They indicate how much currency units cost a certain amount of goods and services in different countries. PPPs can be used as currency conversion rates to convert expenditures denominated in national currencies into artificial common currency (PPS), thus eliminating the effect of price differentials in individual countries.

B: Estate agencies rents survey - the aim of the rent surveys is to calculate the differences in current rental levels for the same types of property between Brussels and each of the other places where the survey is done. With provide data sets Eurostat will calculate coefficient that will used to ensure equality of purchasing power of salaries in the different duty stations.

C: Capital goods price surveys - the aim of this objective is to provide to Eurostat data sets for two tasks, Construction survey and Equipment's good survey they are used to deflate Gross fixed capital formation (GFCF) expenditures.

D: Hospital price surveys - the aim of this objective is to collect data on internationally comparable quasi-prices for identified hospital products. These quasi-prices will be used to calculate hospital output based PPPs and price level indices In turn; these calculations will be used to make international comparisons of volume-based measures of hospital expenditures and to calculate specific PPPs for health as a whole within the framework of the Eurostat-OECD PPP Programme.

E: Other PPP input data - this objective include a few different tasks needed for calculation GDP per PPP: GDP expenditure weights, VAT, tips, actual and imputed rents, compensation of government employees and CPI questionnaire.

F: PPP inventory - the aim of this objective is to provide to Eurostat new version of our method and sources that we used in implementation of project in the Republic of Croatia.

G: Additional tasks

W1: Project management and reporting

The capital goods and hospital price surveys may be co-ordinated by a contractor on behalf of Eurostat.

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List of participants

Croatian Bureau of Statistics

Project results

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Real estate Statistics, Activity 1, Quarterly house sales indicators

EG22 RES

Contract number: 2022101112314.

Implementation period from 01/1/2023 to 31/12/2024

Project summary

Real estate statistics coordinated by Eurostat has an important role in official statistics as it provides information for economic and monetary policy makers. Real estate statistics comprises the HPI, the Owner-occupied housing price index (OOHPI), commercial real estate indicators and house sales indicators.

The CBS has been regularly producing the HPI and OOHPI on quarterly basis, in line with Commission Implementing Regulation (EU) 2020/1148. Also, CBS provide the annual weights for HPI and OOHPI as well as values of transactions of the previous year that have been used for weights calculation. Still, CBS do not compile quarterly house sales indicators.

In the scope of this Grant Project it is planned to establish and develop the methodology for regular production of quarterly house sales indicators where value of transactions and the number of transactions are identified as priority. Additional study will be aimed to potential further breakdowns for different types of dwellings and geographical breakdowns as this data could be very useful for interpreting the evolution in the housing market.

Country specific objectives are:

- to establish the system of quarterly house sales indicators: the number and the value of dwelling transactions
- to explore how to provide house sales data for different categories (new and existing dwellings), type of dwellings (flat or detached house) and geographical areas
- to establish regular transmission of the quarterly house sales indicators to Eurostat
- to assess the sustainability of the developed approaches over time and the quality of the methods implemented.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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Reconciliation of vertical discrepancies between financial and non-financial sector accounts

EG22 BOP

Contract number: 101103045 — 2022-HR-BOP

Implementation period from 01/12/2022 to 30/11/2024

Project summary

The Croatia would like to achieve reconciliation between non-financial and financial sector accounts which is an important quality aspect and requires the cooperation of financial and non-financial accounts compilers. When executing the tasks, the Croatia will comply with the Regulation (EC) No 1161/2005 of the European Parliament and of the Council of 6 July 2005 on the compilation of quarterly non-financial accounts by institutional sector.

ESA 2010 acknowledges the conceptual consistency of financial and non-financial sector accounts and the existence of statistical discrepancies for net lending/net borrowing in practice (see paragraphs 1.126, 5.18, 20.113 of Annex A to ESA 2010 Regulation¹). The importance of reducing vertical discrepancies between ESA 2010 tables 6 (annual financial accounts by sector) and 8 (annual non-financial accounts by sector) has been highlighted as one of the priority areas for the work of the Eurostat Task Force on Cross-Domain Consistency, set up by the Directors of Macroeconomic Statistics (DMES) meeting in 2018.

The action aims at ensuring higher quality data with the improving of vertical consistency data following the common recommendations developed by the Working Group on Financial Accounts and Government Finance Statistics, Expert Group on Sector Accounts, Task Force on Annual Financial Account. This project would be of significant contribution to achieving goals related to the higher consistency within the tables in the Croatian national accounts system, both financial and non-financial one.

The main objective of the project is to improve the quality of national accounts data, and the transparency of the sources and methods used to compile them, The specific objective of the project is to achieve higher harmonization of methods and to improve quality and comparability of non-financial and financial sector accounts.

Results (deliverables)

Description of the current vertical reconciliation procedures following the sequence of the recommendations in the Guidelines on developing a common approach to improve vertical consistency between financial and non-financial accounts.

- b. Presenting the time series by sectors before and after vertical balancing procedures.
- c. the degree of progress,
- d. the difficulties encountered
- e. and a roadmap for the remaining work until the end of the project

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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LFS 2023 module “Pension and labour market participation”

EG22 LFS

Contract number: 101101203

Implementation period from 01/9/2022 to 31/5/2024

Project summary

The purpose of this project is to implement LFS 2023 module on “Pensions and labour market participation” under Work package 1 - Implementation of the 2023 LFS eight-yearly variables on ‘pension and labour market participation’.

The project aims at supporting the Croatian Bureau of Statistics to be compliant with the Commission Delegated Regulation (EU) 2020/1640 of 16 December 2019 and with the Commission Implementing Regulation (EU) 2020/1642 of 5 November 2020 and to enhance the quality of the EU-LFS data as regards methodology provided in the new framework regulation on Integrated European Social Statistics (EU) 2019/1700 through:

- collecting methodologically sound and valid data in accordance with Commission Implementing Regulation (EU) 2020/1642 of 5 November 2020 specifying the technical items of the data set for the 2023 LFS module on “pensions and labour market participation”,
- increasing the comparability of results by the use of the explanatory notes and proposed model questionnaire as agreed by the LAMAS working group.

The LFS 2023 module will be carried out as a supplement to the Labour Force Survey, in every quarter of 2023 on a subsample. Data collection (fieldwork) will be carried out by CAPI interviewing method.

Objectives will be achieved through the following activities: development of national questionnaire and methodology for LFS 2023 module, development of software CAPI application, data collection, data editing, data processing, data validation and transmission the microdata set to Eurostat via Edamis channel.

This LFS 2023 module expects to provide information to specific interest groups, as well as public and government bodies at national and EU level.

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List of participants

Croatian Bureau of Statistics

Project results

Project is ongoing.



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STRUCTURAL REFORM SUPPORT PROGRAMME 2017-2020

Projects

Improvement of quarterly national accounts and estimates related to the size of the informal economy

Project summary

The Croatian Bureau of Statistics (CBS) has expressed a need for technical support to improve the production of macroeconomic statistics, especially in producing quarterly national accounts (QNA) and improving sources and methods related to the estimates of the size of the informal economy. The currently used methodology is outdated and needs to be updated. This need is also underlined by the conclusion in the ESA2010 quality reports and outstanding derogations for Croatia (<https://ec.europa.eu/eurostat/web/products-statisticalreports/-/KS-FT-19-009>). Croatia has recently requested support to address these issues from the European Commission under Regulation (EU) 2017/825 on the establishment of the Structural Reform Support Programme ("SRSP Regulation").

The mission of the Directorate General for Structural Reform Support (DG REFORM) of the European Commission, hereinafter referred to as "the Commission", is to provide support for the preparation and implementation of growth-enhancing administrative and structural reforms by mobilising EU funds and technical expertise. The request has been analysed by the Commission in accordance with the criteria and principles referred to in Article 7(2) of the SRSP Regulation, following which the Commission has agreed to provide technical support to Croatia in the area of statistics, with the purpose of providing support in reviewing the existing situation and methodology, in preparing the new methodology and applicable guidance, as well as in building capacity of its staff members. Financing for this purpose has been made available as part of the Work Programme for year 2020 for Structural Reform Support Programme, under Regulation (EU) 2017/825 as amended by Regulation (EU) 2018/1671, published on 26.2.2020. Ultimately, strengthening macroeconomic statistics will allow Croatia to successfully join ERMII, improve data for EU/Croatia decision-making, forecasting and surveillance. It can potentially have an impact also on the EU and Croatian budgets in form of the Croatian EU contribution.

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TECHNICAL SUPPORT INSTRUMENT 2021-2027

Projects:

Technical support to improve the IT system to collect, produce and disseminate accurate and complete macroeconomic statistics

O20 DATA

Project summary

The Croatian Bureau of Statistics (CBS- beneficiary authority) is in charge of collecting and processing data for the Republic of Croatia. They need external support to prepare the acquisition of a new IT system to collect, produce and disseminate accurate and complete macroeconomic statistics. The Macroeconomic Statistics Directorate (MSD) of CBS collects, processes, and prepares the output data sets for CBS publications, Eurostat, and other government bodies. The data is collected from multiple sources, processed in other directorates, joined in several MS Excel tables (about 30 different tables), and transformed within the statistical data and metadata exchange application (SDMX) before delivering to Eurostat. MSD does not have an integrated IT system for data collection and processing. Currently, they perform the majority of the processes manually in MS Access, and MS Excel tables as the MSD does not have an integrated IT system for data collection and processing. Automatisation of the compilation processes could reduce compilation time and more time could be spent for data analysing, which would be very helpful in a current situation concerning staff constraints, and reduce potential errors in manual data processing.

To this purpose, the DG REFORM is launching a Request for Service under the Multiple Framework Contract for the Support to Structural Reforms in EU Member States, for the provision of expert support to:

- Conduct an "As-Is" analysis of the current data collecting and processing system.
- Prepare a report on the "TO BE" situation along with a gap analysis and transition plan. nd Define a scope for a new IT system, based on international leading practices, including experiences from similar national statistics offices from other EU Member States.
- Develop the documentation needed for the public procurement process to acquire a new IT system that would contribute to the production, collection and dissemination of quality data.
- To prepare a final report.

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EU SOLIDARITY FUND

Preparation of project documentation and implementation of protection measures for the building of the Croatian Bureau of Statistics, Branimirova 19, Zagreb

O21 FSEU B

Contract number: 74-0150-21

Implementation period from 22/03/2020 to 31/05/2022

Project financed from EU Solidarity Fund

Name of the project (operation), beneficiary / partner in the project:

Preparation of project documentation and implementation of protection measures for the building of the Croatian Bureau of Statistics, Branimirova 19, Zagreb - Croatian Bureau of Statistics

Short description of the project (operation):

Support is granted to operations for the preparation of project documentation for the implementation of measures for the protection of cultural heritage damaged in the earthquake and the implementation of measures for the protection of cultural heritage.

Total contracted value of the project and the amount co-financed by the EU (in HRK):

76.337,50 HRK (of which the EU donation amounts to 76.337,50)

Contact person for more information:

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