

# ***PRIORITIES for implementation of the Programme on the Development of the National Statistical System for 2023-2026***

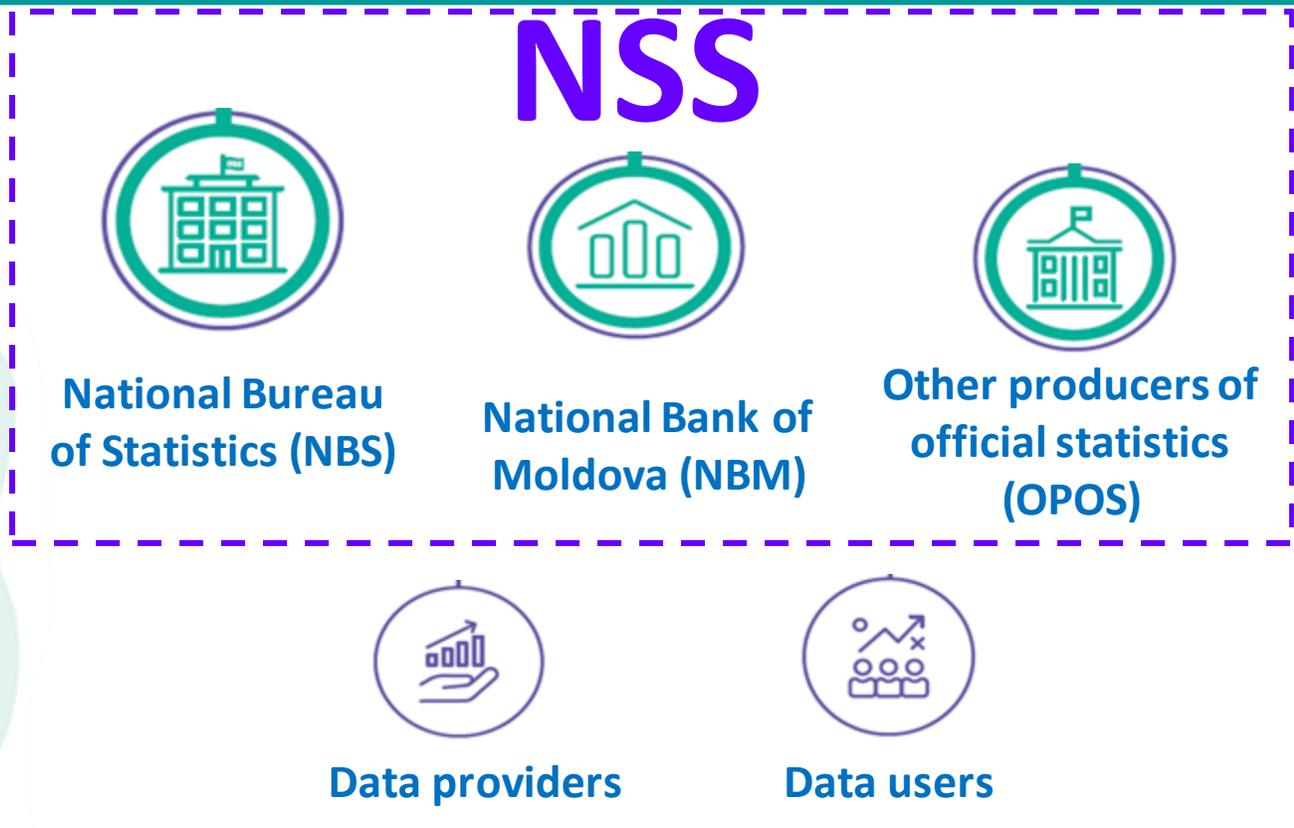
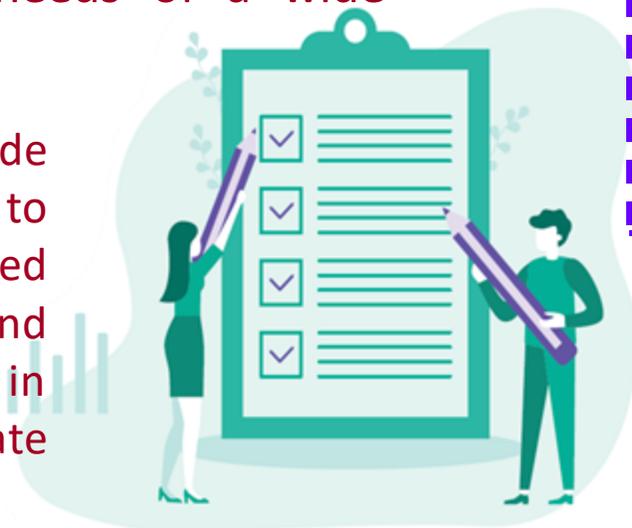


# National Statistical System

## Guiding principles

**NSS Vision:** By 2030, NSS is to function as a consolidated structure, capable of providing high-quality statistical products and services, in accordance with European standards, meeting the needs of a wide spectrum of users.

**NSS Mission:** to provide timely, qualitative data to support evidence-informed information, research, and decision-making processes in both the public and private settings.



### National legislation



### National strategic & policy framework



International (UN, EU etc.) standards in official statistics



International commitments (conventions, treaties, 2030 Agenda, etc.)



# NSS Strategic planning

## Policy development



1. Long-term **Strategy of the NSS (2023-2030)**  
*APPROVED (GD no.954/2022)*



2. Medium-term **Program (2023-2026)**  
*- APPROVED (GD no.503/2023)*



3. Including **Action plan** with implementation costs and deadlines – *APPROVED (GD no.503/2023)*



*Coordination group*

*Technical group*



# Recent results and progress

- ✓ **Improvement of legal framework**
  - a. Amendments to the Law No. 93/2017 on Official Statistics (December 2022)
  - b. Law No. 231/2022 on Population and Housing Censuses, aimed at establishing a common regulatory framework for the organization and conduct of future PHCs, and Government Decision no.951/2022
  - c. 2023-2026 Development Programme and Action Plan (Government Decisions no. 954/2022, 503/2023)
  - d. Approval of the national framework for monitoring the implementation of the 2030 Sustainable Development Agenda (GDno. 953/2022)
  - e. Concept of the Information System "Demographic and Social Statistics" (GD no. 604/2022)
  - f. Regulation on the procedure for establishing producers of official statistics (GD no. 51/2022). Implementation – in place.
- ✓ **Personal data protection**
  - a. ISO 27001 certification for information security and ISO 27701 certification for personal/confidential data protection, obtained through external audit
  - b. Methodology for developing a unique statistical identifier, providing the necessary basis for pseudonymization of personal identifiers (of natural persons) in datasets containing personal data in order to ensure their protection
  - c. Policy for the revision of statistics in line with the Manual for the European Statistical System, 2013 edition
- ✓ **Preparations of the PHC**

## *Recent results and progress (2)*

- ✓ **To implement the decision of the European Council of 23 June 2022 on granting the Republic of Moldova the status of EU candidate country:**
  - a. Moldova's contribution to the European Commission's Enlargement Package 2023, including chapter 18 "Statistics" (NBS - coordinating agency), which describes the current state of the national statistical system
  - b. National Action Plan for the fulfilment of the accession criteria of the Republic of Moldova to the European Union and implementation of the Moldova-EU Association Agreement for 2023 - 2027, Chapter 18 Statistics
  - c. self-assessment of statistical domains with the support of Eurostat as part of the annual monitoring of the compliance of candidate and potential candidate countries' statistics with the EU statistical legislation using the ESS Metadata Handler tool (ESS-MH)
  - d. participation of the Republic of Moldova representatives in the expert group meetings of the EU Statistical Office (Eurostat) from March 2023 in order to strengthen cooperation with Eurostat
- ✓ **Implementation of quality management**
  - a. quality reports in accordance with the SIMS standard (Single Integrated Metadata Structure)
  - b. documentation of the statistical processes in accordance with the GSBPM standard (Generic Statistical Business Process Model)
  - c. Draft Quality Guidelines for producers and users of official statistics
- ✓ **User satisfaction survey "User satisfaction level with NBS products and services"**



## Recent results and progress (3)

- ✓ **Implementation of new statistical works harmonized with international standards, especially with European Union standards:**
  - a. business conjuncture survey in accordance with the EU programme for the harmonization of the Business and Consumer Surveys, approved by the European Commission on 29 November 2000
  - b. ICT enterprise survey in accordance with Regulation (EU) No 2019/2152, on European enterprise statistics
  - c. business demography methodology in accordance with Regulation (EU) 2019/2152 on European enterprise statistics
  - d. methodology and experimental calculations for the "Environmental Account of Air Emissions" based on the UN international statistical standard
  - e. methodology for "Calculation of the population with usual place of residence by territorial breakdown based on administrative data"
  - f. methodology for "ESSPROS Social Protection Statistics"
  - g. methodology for the module "Unpaid domestic and care work in the Labour Force Questionnaire"
  - h. Methodology for Multidimensional poverty Index (MPI)
  - i. Testing of new questionnaires for the Household Budget Survey
  - j. Update of regional database within the program UNICEF for Europe and Central Asia / TransMonEE
  - k. Comparative analysis of education statistical data produced by the NBS versus data generated by SIME

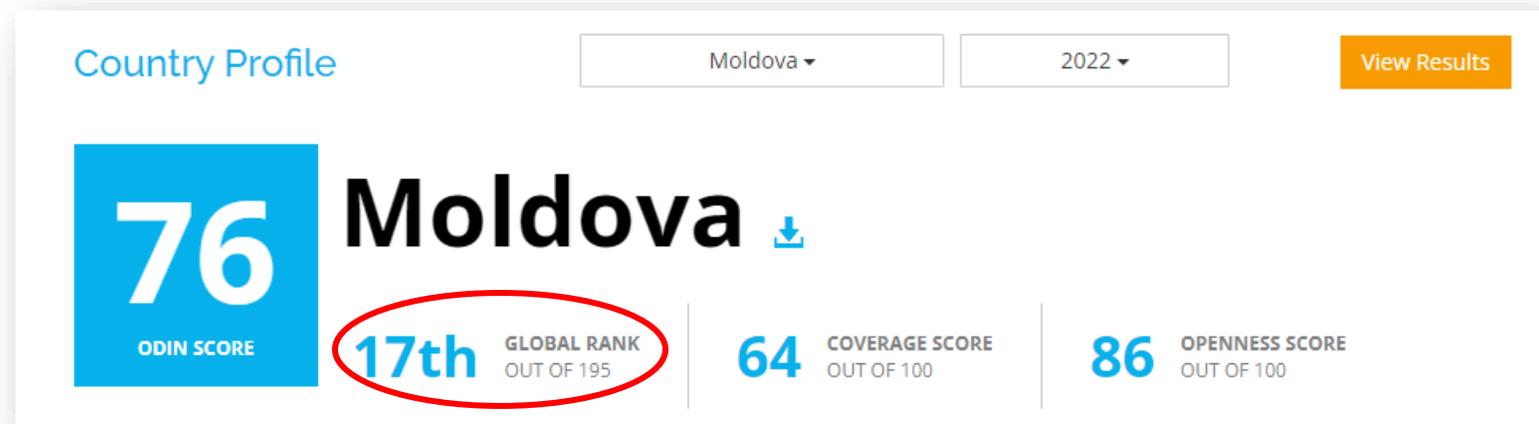
## *Recent results and progress (4)*

### ✓ **Optimization and modernization of the statistical processes**

- a. Implementation of CAPI (Computer Assisted Personal Interview) for the Labor Force Survey (in progress)
- b. georeferencing of houses and dwellings through the use of the data from various administrative sources in combination with orthophoto imageries to ensure high coverage during the population census
- c. Use of GIS technologies as support for data collection for the pilot PHC
- d. experimental calculations on the sales of goods and services based on the data from VAT declarations
- e. Use of private data sources (electricity consumers, natural gas consumers) in energy balances
- f. Replacement of the annual statistical survey "Protection of Atmospheric Air" with data contained in the National Pollutant Release and Transfer Register administered by the Environment Agency
- g. Replacement of the annual statistical survey "On area cleaning" with data from the Automated Information System "Waste Management" administered by the Environment Agency
- h. Calculation of the number of populations with usual place of residence by territorial breakdown (commune level), by combination of statistical data with administrative one (Border Police; Public Services Agency)
- i. experimental calculations of the number of employees and the gross amounts calculated by economic activities, based on IPC18 (data provided by the SFS) and the statistical research "Wage earnings and the cost of labor" (form no. M3)

# ODIN - Open Data Watch assessment

- Open Data Inventory (ODIN) <http://odin.opendatawatch.com/> assesses the **coverage and** international standards of **openness** of official statistics websites
- The assessment includes 20 statistical categories from social, economic and environment domains.
- In 2022 **Republic of Moldova** ranked **nr. 17** in the WORLD (out of 195 countries) and **2nd** in Eastern Europe. In 2020 Moldova was on 19th position in the world and 3rd in Eastern Europe.



# Objectives of the NSS Development Program

**O1.** Institutional capacity of SSN members strengthened to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation

**(INSTITUTIONAL DEVELOPMENT)**



**O2.** NSS strengthened by good governance systems, common legal and regulatory framework, privacy and data protection practices to ensure transparency and accessibility of data of public interest and increase public trust in and use of data

**(GOVERNANCE & LEADERSHIP)**



**O3.** High-quality data (timely, relevant, reliable, internationally comparable) produced to inform society and support effective, evidence-based decision-making leading to sustainable development and an inclusive society

**(DATA PRODUCTION/DATA SUPPLY)**



**O4.** Statistical culture in society strengthened to enable decision-makers to use data effectively and to provide in a sustainable way the services and resources that the population needs, for crisis recovery and to provide opportunities for the general public to understand better statistics and hold the authorities accountable

**(USE & ANALYSIS = DATA DEMAND)**

# Objective 1: NSS institutional development

## Specific objective 1.1: Strengthening the mandate for data collection

- ☉ [1.1.4] Develop the Methodology for assessing the quality of administrative data sources (public and private) to be integrated into the production process of official statistics and its periodic updating (*expertise*)

- ☉ [1.1.5] Develop statistical registers on population, dwellings, entities, as well as the register of administrative data sources (SDA) relevant for the purposes of official statistics (*technical assistance, technical specifications*)

- ☉ [1.1.2] Develop Census legislation

- ☉ [1.1.8] Develop the Regulation on the organization and operation of the "Demographic and social statistics" Information System (basis for statistical population register)





## Specific objective 1.2. Development of human resources

-  [1.2.8] Develop the Multiannual Training Program in the field of official statistics and data use; the annual update of the Program
-  [1.2.9] Development of the online training platform in the field of statistics for SSN staff
-  [1.2.4-5, 1.2.17] Create attractive conditions for the activity and professional and career growth of the body of statisticians **(to increase employee job satisfaction, reduce fluctuation)** (*participation in statistical fora, technical support*)
-  Strengthening the management of human resources and the continuous training of the staff of statisticians **(to increase innovation capacity, efficiency and effectiveness of staff)**
  - [1.2.3] Assess training needs (*identification of training needs, capacity building*)
  - [1.2.7] Set up a center of continuous training (*Excellence Center*) within NSS (*technical support, expertize*)
  - [1.2.13-15] Develop the HR development strategy, career plan for employees in statistics (*HR expertize*)
-  [1.2.6, 1.2.10-11] Collaboration with institutions in the education system (higher education) in order to train statistical staff and attract well-trained young specialists in official statistics bodies (*expertize on good practices*)





Specific objective 1.3. Ensuring the allocation of sustainable and efficient financial and technical resources

Specific objective 1.4. Optimizing the organizational structure of institutions within the SSN

- 🌀 [1.4.1] Evaluation of the organizational structure of the NBS
- 🌀 [1.3.1] Quantification of expenditures for statistical activity (producers and potential producers of official statistics)
- 🌀 [1.4.3] Reorganization of the integrated network of operators and observers in the social survey research in households with the implementation of new sampling methodologies
  - Perform the functional analysis;
  - Elaborate institutional, legal and organizational concept of the integrated network of operators and controllers;
- 🌀 [1.4.4] Develop the institutional capacities of other producers of official statistics/other national authorities (ONA) providing methodological guidance and promoting data quality management (*expertise/capacity building for NSS institutions (NBS, NBM, ONAs)*)

# Objective 2: Governance & Leadership



## Specific objective 2.1. Strengthening professional independence & coordination, SO 2.3 Statistical confidentiality & data protection, SO 2.3. Optimization of statistical production procedures

*(technical support, thematic expertize)*

-  [2.1.3] Strengthen NBS capacities to coordinate statistical processes for the production, provision and dissemination of SDG indicators (including at the international level) (roadmap, guidelines for data provision for dissemination platform)
-  [2.3.1] Evaluation of administrative and private data sources based on the Quality Evaluation Methodology
-  [2.3.2-4] Capitalizing on the potential of administrative, private data sources (e.g. energy companies, telecommunications, trade) and new data by developing experimental statistics with subsequent integration into statistical production
-  [2.1.7] Strengthening OPOS's capacities for coordinated implementation of the Compendium and the Code of good statistical practices, including methodological guidance
-  [2.2.5-6] Strengthening the capacities and skills of OPOS to respect confidentiality and data protection in the process of data production, dissemination and archiving
-  [2.3.5] Refining the sampling frame for statistical research



## Specific objective 3.1. Manage statistical data quality

🌀 Implementation of a **quality management system in NSS** in accordance with European quality standards :

- [3.1.4] Strengthening the capacities of the NBS and OPOS to ensure quality management
- [3.1.5] Development of **quality guidelines, quality reports** for systematic quality assessment and reporting
- [3.1.8] Statistical **global evaluations/assessment**
- [3.1.6-7] Documentation of **statistical methodologies and processes**
- **Standardization of processes** by using the Generic Statistical Business Process Model (GSBPM) for the description and automation of statistical processes

🌀 **Redesign statistical processes:**

- in accordance with GSBPM to streamline statistical activity
- Based on the use of ADS





## Specific objective 3.2: Statistical processes & outputs aligned to international & EU standards

-  [3.2.9-10] Participate in the 2020 & 2030 world rounds for: *(technical support, thematic expertise)*
  - **Population and Housing Census**
  - **Agriculture Census**
-  [3.2.1-2] Carry out periodic sectoral assessments regarding the degree of alignment of the methodologies used in the production of official statistics with international standards, especially European ones
-  [3.2.4, 3.2.6, 3.2.8] Implement **new statistical surveys** (continuous /periodical surveys on households or enterprises - required to comply with EU acquis, 2030 NDS, 2030 Global Agenda)
-  [3.2.5] **Redesign** the continuous statistical **household surveys** (HBS, LFS) on a new sample framework
-  [3.2.3] **Continuously harmonize** the national statistical infrastructure (classifications) with the international standards and European requirements
-  [3.2.12] Increase **capacities of NSS members**, especially regarding innovations in the field of statistics (Big data, machine learning, modern methods of data collection and processing, etc.) through international platforms



# Objective 3: DATA PRODUCTION – DATA SUPPLY



## Specific objective 3.3: Optimization of statistical processes through modernization of technical & technological infrastructure

### [3.3.1-3] Redesign ICT system:

- **Assessment of statistical ICT ecosystem**, a **Plan** for its development based to modern technologies and international good practice (*ICT assesment/ expertise*)
- Develop and implement the **Integrated Statistical Information System** (*ICT expertise*)
- **Upgrade** technical and technological endowment (*aquisitions*)



### [3.2.7, 3.3.5-6] Implement new data collection & processing methods based on modern technologies (*technical support, thematic expertise*)

- ☼ Face-to-face interviewing (CAPI) for conducting censuses (on population and dwellings, agricultural)
  - ☼ For conducting continuous, ad-hoc /periodical household surveys (e.g. HBS, LFS, small farmers)
- ☼ Electronic statistical self-reporting/web-interviewing (CAWI) and CATI (*incl. establishing a Call Center*)
  - ☼ Complete transition to electronic statistical reporting by legal entities (private sector, public institutions, etc.)
  - ☼ Self-reporting by households (e.g. HBS, LFS)



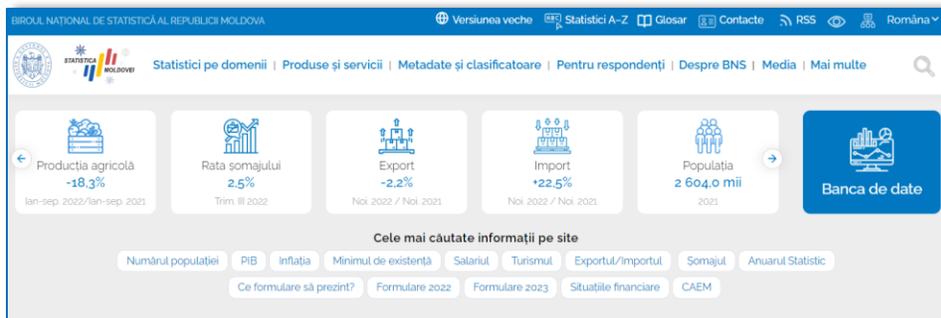
### [3.2.11-12] Harness new data sources and processing methods to produce meaningful statistics (earth observations, scanned data, big/thin data, GIS, CDR/call detailed records, web scrapping, machine learning, citizen science, etc.)

### [3.3.7-8] Create the geospatial database & platform for the purpose of producing and disseminating official statistics

# Objective 3: DATA PRODUCTION – DATA SUPPLY

## Specific objective 3.4: Enhance data dissemination

- 🌀 [3.4.4] **Expand the availability** of statistical data applying international standards and European requirements and ensuring **multi-dimensional disaggregation** (by territorial area, or characteristics of the observed sub-populations), as well as **access to microdata**
- 🌀 [3.4.6] Improve **content and accessibility** to statistical information (*technical support*)
  - [3.4.5] Adapt the content and timeliness of statistical dissemination to the users' needs on the NBS website and Statistical Databank
  - [3.4.6] Enhance the use of interactive and visual tools: digital maps, animated graphs, dedicated interactive platforms (genderpulse.md, recensamint.statistica.md), infographs, e-publications, visualization dashboards
  - [3.4.7] Further develop and maintain the SDGs National Reporting Platform



- 🌀 [3.4.1] Coordinate data dissemination within NSS (*technical support, good practices*)
  - Integrate statistics produced by ONAs on a common dissemination platform

# Objective 4: USE & ANALYSIS - DATA DEMAND

## Specific objective 4.1: Improve communication and use of statistical information

☉ Improve **methods of communication** and dissemination of statistical information within NSS :

- [4.1.1] Periodical data users surveys on satisfaction with the statistical products and services of SSN members, as well as the needs of users to strengthen statistical knowledge
- Enhance NBS capacities on user-friendly and easy-to-understand communication
- Revise statistical metadata to be more accessible to users
- Provide access of the scientific & analytical community to statistical information, including microdata



☉ [4.1.3] Ensure public information and **visibility** regarding the **activity of the NSS**, in particular with regard to new statistical research, large-scale complex research (such as censuses), progress in the modernization of statistical methods, innovations in statistics, etc.

☉ [4.1.4] **Involvement of society** in the efficiency of statistical activity and increasing the degree of use of official statistics

☉ [4.1.5] Strengthening the **communication policy**, with a more active presence of the SNB, NBM and other producers of official statistics in the public space

☉ [4.1.6] Analyzing the **use of statistical data** and providing feedback on misuse of statistics



# Objective 4: USE & ANALYSIS - DATA DEMAND

## Specific objective 4.2: Build statistical culture

### Build statistical **culture** and data **literacy**

- [4.2.4] Conduct trainings, workshops, round tables, “statistics explained” seminars held by statisticians for data users (policy/decision makers, CSOs, private sector, etc.)
- [4.2.3] Organize scientific conferences and tailored events and products for data users
- [4.2.4] Develop statistics e-learning courses to be institutionalized (official web-sites, educational curriculum, open access tailored courses)



- 🌀 [4.2.2] Developing **partnerships** with universities & secondary education institutions in order to create statistical culture among the young generation (students & pupils)

- 🌀 [4.2.1] **Informing the public** about the achievement and results of statistical surveys by the institutions within the NSS

# NSS Action Plan 2023-2026

General and specific objectives	Implementation costs, thou lei	Funding sources, thou of lei	
		Budgetary sources	Other sources (development partners)
<b>General objective 1: Institutional capacity of SSN members to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation</b>	<b>23832,7</b>	<b>10476,0</b>	<b>13356,7</b>
Specific objective 1.1: Strengthening the mandate for data collection	5042,0	3576,0	1466,0
Specific objective 1.2: Human resources development	11698,7	5700,0	5998,7
Specific objective 1.3: Ensure the allocation of sustainable and efficient financial and technical resources	480,0	0,0	480,0
Specific objective 1.4: Optimization of the organizational structure of institutions within the SSN	6612,0	1200,0	5412,0
<b>O2: The national statistical system fortified by good governance systems, common legal and regulatory framework, privacy and data protection practices to ensure transparency and accessibility of data, to increase public confidence in and use of data</b>	<b>4573,0</b>	<b>0,0</b>	<b>4573,0</b>
Specific objective 2.1: Strengthening the professional independence of NBS	1468,0	0,0	1468,0
Specific objective 2.2: Ensure a safe environment for compliance with statistical confidentiality and data protection	445,0	0,0	445,0
Specific objective 2.3: Develop the premises and capacities for strategic coordination	2660,0	0,0	2660,0
Specific objective 2.4: Optimization of statistical production procedures	0,0	0,0	0,0
Specific objective 2.5: Reducing the informational pressure on respondents	1468,0	0,0	1468,0
<b>O3: High-quality data (timely, relevant, reliable, accessible, coherent, internationally comparable), produced to inform society and support effective, evidence-based decision-making leading to sustainable development and an inclusive society</b>	<b>108195,3</b>	<b>10000,0</b>	<b>98195,3</b>
Specific objective 3.1: To strengthen quality management in the national statistical system based on a common approach	3523,8	0,0	3523,8
Specific objective 3.2: Align official statistics with international standards	66724,0	7900,0	58824,0
Specific objective 3.3: Optimization of statistical processes by upgrading the ICT infrastructure of the SSN	33712,5	1500,0	32212,5
Specific objective 3.4: To extend the access of the general public to official statistical data	4235,0	600,0	3635,0
<b>O4: A statistical culture in a consolidated society to enable policymakers to use data efficiently and to provide in a sustainable way the services and resources that the population needs, for recovery in crisis situations and to enable the general public to better understand statistics and empower authorities</b>	<b>5395,0</b>	<b>0,0</b>	<b>5395,0</b>
Specific objective 4.1: Consult the opinion of data users for continuous improvement of the offer of official statistics	1572,0	0,0	1572,0
Specific objective 4.2: Qualitative development of data demand in relation to the potential of data supply	3823,0	0,0	3823,0
<b>TOTAL</b>	<b>141996,0</b>	<b>20476,0</b>	<b>121520,0</b>

# External Assistance Projects - National Bureau of Statistics

No	Development partners	Project Name	Period	Amount	Status
1	EU, co-financed by UNFPA	Support to the NBS for the 2024 Population and Housing Census	2023-2025	2,075,000.00 Euro	Approved (signed ProDoc), ongoing
2	India – UN Development Partnership Fund (implemented by UNFPA)	Moving from traditional to a register-based statistical system, resilient to humanitarian and emergency shocks	2023-2025	590,812.63 USD	Approved (signed ProDoc), ongoing
3	UNICEF Moldova	Improving the availability of statistical data on the situation of children and women for evidence-based policy-	2023-2024	69,500.00 USD	Approved (signed ProDoc), ongoing
4	IMF	Development of the "Resource Use Table" for 2021, current and comparable prices	2023-2025	N/a	Ongoing
		Use of new data sources, i.e. scanned data, for the calculation of the Consumer Price Index (CPI)	2023-2027	N/a	Ongoing
5	FAO	Expert assistance on development of the SDG 2.3.1. indicator	2023	In-kind	Ongoing
		Expert assistance on development of the SDG 2.1.1 and 2.1.2 indicators	2023-2025	In-kind	Ongoing
6	IFC (World Bank Group)	Technical assistance in the development of the Public Financial Statements Depository within the IFC Investment Climate Reform Project	2021-2023	N/a	Ongoing
7	UNICEF, ILO	Development of the research "Children's activities" as an ad-hoc module at AFM (SDG 8.7.1 "Children's work")	2023-2026	N/a	Initiated
8	UN Women, ILO	Development of research "Time use" as an ad-hoc module in AFM (indicator SDG 5.4.1 "Unpaid domestic and care work	2023-2025	N/a	Initiated
9	GIZ	Digital transformation of small and medium-sized enterprises in Eastern Partnership countries	2023-2026		Initiated
10	EUROSTAT	Participation of the Republic of Moldova in the International Comparability Programme (IPC) - total coverage for the ICP round 2024, 2024-2026	2024		planned

# Events supported by TAIEX for 2023 - NBS Moldova

No	Priority domains	Type of action	Status	Partner NSO
1	Sector Review of the ICT statistics in enterprises in Republic of Moldova	Expert mission	Approved	INS Romania
2	Development of the mobile network of interviewers for household surveys	Expert mission	Approved	Latvia
3	Introduction to HICP calculation - macroeconomic statistics	Expert mission	Approved	INS Romania
4	Sector Review of the Labour Force Survey in Republic of Moldova	Expert mission	Approved	INS Romania
5	Sector Review of the Household Budget Survey	Expert mission	Approved	TBI
6	Sector Review of the Agricultural Statistics (AS) in the Republic of Moldova	Expert mission	Approved	INS Romania
7	Alignment of transport statistics to the EU acquis	Study visit	Approved	INS Romania
8	Legislative alignment procedures, monitoring and coordination of compliance of the Moldovan statistical legislation with EU requirements	-	Drafted	TBI
9	Use of individual data from administrative and private sources for statistical purpose	-	Drafted	TBI
10	Implementation of the quality management in accordance with European Statistical System Quality Assurance Framework (ESS QAF)	-	Drafted	TBI

**Thank you !**