Modernization of NSOs through Digitalization

Ankara, Turkiye

Mambetaliev Timur - Head of digital development and sustainable development statistics department

Digitalization within the framework of national and international initiatives

Work is currently underway to transition to electronic collection of statistical data:

- As part of the Medium-Term Program for the Development of Official Statistics of the Kyrgyz Republic for 2022–2026, digitalization measures are being implemented.

- The World Bank's TASSMP project is modernizing statistical processes, implementing new AIS IST modules, and improving data quality and transparency.

- A Korean project to build the capacity of the National Statistics Committee (NSC) is training specialists and sharing experiences.

- The Digital Code of the Kyrgyz Republic is creating a legal framework for digitalization and the development of electronic services.

Implementation of IST in the NSC of the Kyrgyz Republic

- **41 forms** have been transferred to industrial operation - they are fully operational within the framework of the electronic statistical data collection system

- **27 forms** have been developed and are being tested in the Central Office, district divisions and the Intelligent Data Center (IDC)

- A **single catalog** of forms with versioning has been created and is being implemented to control changes and standardize reporting

- As part of the implementation of **IST Web, 40 forms** were successfully integrated, of which 2 forms were successfully tested in the Bishkek City Statistics Department

Optimization of statistical reporting

In accordance with:

Decree of the President of the Kyrgyz Republic "On additional measures to improve the efficiency and debureaucratization of the civil service system of the Kyrgyz Republic" and the Order of the National Statistical Committee "On the transition to electronic collection of statistical reports in automated information systems (AIS) «IST» and «NARA»"

As part of the ongoing work, 115 forms of official statistical reporting will be integrated into the AIS "IST" system, and 92 forms of statistical and administrative reporting will be integrated into the AIS "NARA" system.

DIGITAL OPTIMIZATION OF GOVERNMENT REPORTING FORMS

Processing comments based on testing results

Based on the review of issues related to the testing of forms within the framework of the implementation of the AIS "IST," the comments and suggestions received from the territorial statistical bodies are being processed in the working order.

REVIEW AND PROCESSING OF FEEDBACK

User support and implementation support

In order to ensure prompt feedback when implementing forms in the IST system, a single WhatsApp group was created. It is used to organize interaction with district, city and regional departments.

Programmers promptly respond to incoming requests, eliminating technical problems and making the necessary adjustments.

This format of work ensures constant technical support, reduces the number of errors and improves the quality of the collected statistical information.
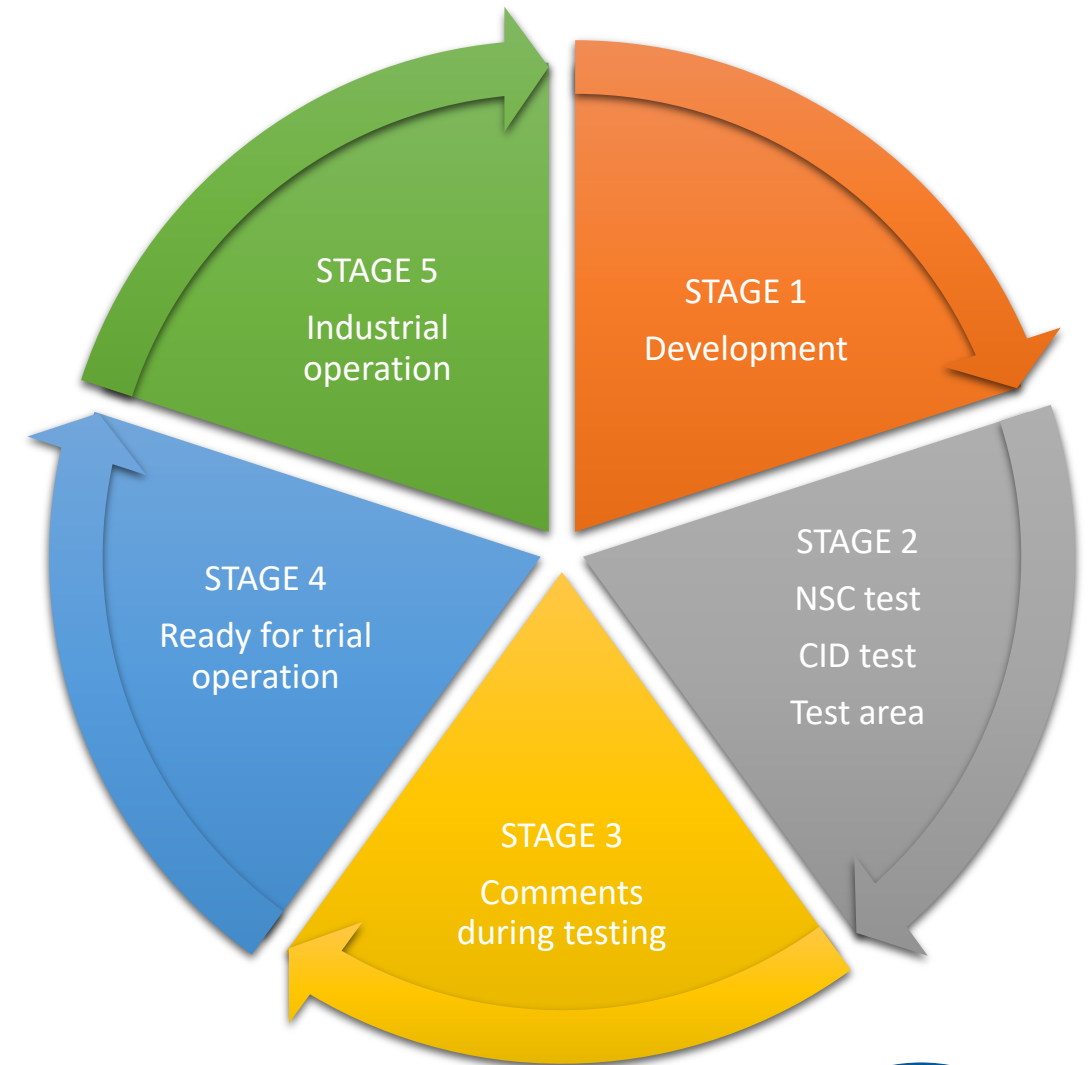
Monitoring the life cycle of forms

(In accordance with the Presidential Decree "On the approval of the Regulation on the procedure for the formation and maintenance of state information systems.")

Internal statuses of forms have been developed and implemented

Monitoring of all stages — from development to decommissioning — is ensured

Transparency and control over execution are increased

Compliance with the requirements for the management of state information systems is maintained

Plans

- **By the end of 2025,** it is planned to introduce 115 forms of official statistical reporting in the AIS "IST" and 27 forms based on administrative data in the AIS "NARA", which will ensure the transition to a modern format of electronic collection, processing and management of statistical information.

- **The plans include adapting the respondent's personal account in the AIS IST,** which will provide convenient access to statistical reporting forms, tracking the status of their completion and receiving feedback from state statistics agencies.

Implementation of "IST Web"

- Two forms from the trade and finance departments were successfully tested in the Bishkek City Statistics Department, which confirmed the readiness of the IST Web system for further large-scale implementation.

- In October 2025, training events for IT specialists with the participation of Serbian experts are scheduled. Subsequently, trained specialists from the Intelligent Data Center will conduct training for staff of district and regional departments.

- By the end of 2025, it is planned to transfer 115 statistical reporting forms to the IST Web system, which will be an important stage in the digitalization of data collection and processing processes.

IST Web Tutorial Videos

(October 2025, together with GOPA experts)

- **Support for territorial divisions and respondents**

- **Step-by-step instructions for working in the system**

- **Explanation of the functions of the personal account and statistical forms**

- **Improving digital literacy and simplifying the transition to electronic reporting**

AIS "NARA"

According to the Medium-Term Program for Building the Statistical Potential of the National Statistical Committee of the Kyrgyz Republic, implemented jointly with the Statistics Office of the Republic of Korea, a Memorandum of Understanding on Cooperation in the Field of Statistics was signed. In accordance with the provisions of the Memorandum, work continues on the implementation of the automated information system "NARA", which is considered one of the priority tools for collecting and processing statistical data. Within the framework of this program, it is planned to integrate 92 forms based on administrative data into the AIS "NARA".

Thank you for your attention!