State Committee on Statistics of Republic of Tajikistan

Role of IT in the development of statistical system in Tajikistan

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Gong Hong May 28-30, 2007

IT management

a) IT Role in the change of functions of Tajikistan's national statistics agencies (NCA)

IT development in Tajikistan has been becoming a key element of structural transformation and economy increases, gradual formation of informational space and strengthening of prestige of the country in the World community, as well as the growth of intellectual and business activities of the population. As a result, IT utilization becomes not only the key factor of economical development, but essential condition of improvement, quick information change and statistical date processing as well.

b) NSA strategy on IT utilization and the IT advantage

Necessity of conducting comprehensive efficient analyze of development and implementation of IT in Tajikistan confirmed improvement and development of methods and ways of data collection, which are characterizing the condition of IT implementation on the national and regional levels.

The data collection process and its further analyses at the statistical system of Tajikistan up to 1997 was done mainly by hands.

At the framework of "Population census" program State Committee on Statistics (SCS) Tajikistan has got a grant from the external sources for improvement of technical facilities (computers, printers, scanners ctr.)

Big events in the IT development of Tajikistan became the Presidential Decree about the Government Strategy on "Information-Communication Technology (ICT) for the development of Tajikistan" (further GS). The main aim of GS is to design certain arrangements for creation of condition and mechanism formation, which provide an assistance on:

- creation of information space in Tajikistan;

- development and renovation of different brunches and types of activities (education, culture, health, transport, agro industry, public life, social security and ctr.) based on the wide utilization of ICT.

- realization of Document on Poverty Reduction Strategy, creation of new job places, improvement of labour efficiency base on the ICT utilization.

*c) **Role of SCS Tajikistan on the estimation of IT utilization.***

IT utilization has got its main importance in Tajikistan after acceptation of Resolution No 468 from December 3, 2004 of the Government of Tajikistan on the Affirmation of State Program on "Development and implementation of ICT in Tajikistan".

For implementation of this resolution by the SCS and Ministry of Communication was developed and accepted two special statistical forms of accountabilities:
- Accountability questionnaire No 1 (annual - postal) «ICT condition and utilization in different spheres of activities in Tajikistan»;
- Questionnaire ? 2 – ICT (quarterly - postal) «Accounts of operators – licensees of communication, conducting communication services».

IT management facilities

For the purpose of strengthening the technical bases of statistical system in the framework of different projects main intention was given to automatic statistical data processing (processing program describing in agriculture, industry, transport etc.) and utilization of modern technique.

In the framework of following projects: "Population living standard survey" (PLSS-2002), "Labour force survey" (World Bank-2004), "Women and children condition in Tajikistan" (MICS-3, UNICEF-2005) and other projects certain investments are given for the strengthening of statistical system, which allows to improve quality and timeliness of processed and published materials.

IT investment and costs, nexus of Government with SCS on the IT utilization issue

The issue of investment of the event has very important role for IT implementation to the system of statistics. In 2006 over 94,5% of the total amount of investment were given from the local and governmental budget (461 600 somoni or 133 700 USD).

This indication once more shows that Tajikistan Government pays special attention to development of IT in the system of statistics in the country.

IT utilization estimates in
the system of statistics

IT utilization analyze in the statistical system of Tajikistan shows, that the quantity of statistical workers all over the country is 783 people, amount of personal computers is 411 and every second person is equipped with the computer. At the main building the quantity of staff is 83 and there is 92 computer of different kinds.

This given information indicates that the issue of computerization needs to be discussed for the regional offices.

IT utilization estimates in economical and social spheres of Tajikistan
(IT utilization results in Tajikistan for 2005)

At this stage the share of organization equipped with computers is equal to 83%, but only 25,8% of them are connected to the Internet.

The numbers of Internet users according to the statistical reports of IT is 19278;

- on the estimation of Internet cards and Internet café services (made by the Ministry of transport and communication of Tajikistan) the number of subscribers are 610 539:

The number of Internet users according to the statistical report for every 100 citizen is equal to 0.4:
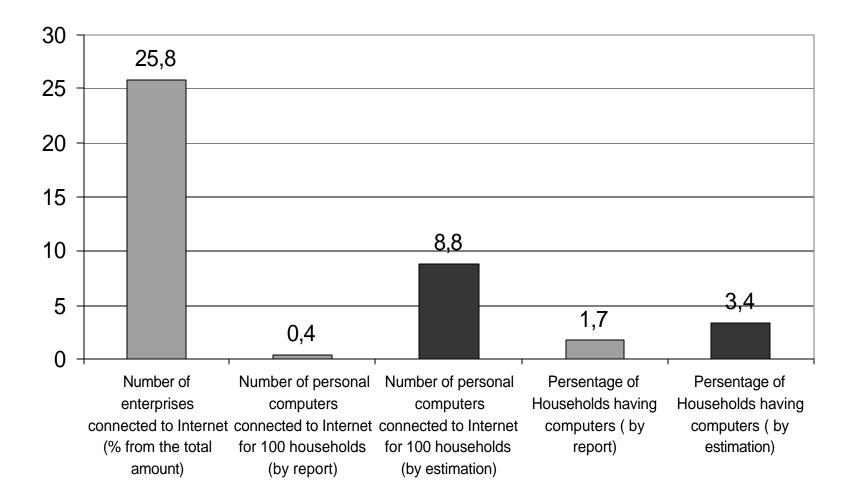
- on the estimation of Internet cards through trade outlets (of the Ministry of transport and communication) it is equal to 8,8;

Percentage of total numbers of household are equipped with computers: according to the reports is 1,7

- on the estimation of soled Internet cards and computers (through Ministry of transport and communication) it is 3,4;

Contribution of households equipped with connection to Internet (at the end of 2005) from the total amount of household was 0,3

IT utilization estimation in economical and social spheres (based on the IT utilization summary in Tajikistan for 2005)

IT utilization estimation in the statistical system

After acceptance of Multiyear Integrated Statistical Program (MISP) of Tajikistan at the end of 2004 the website of SCS was opened (www.stat.tj). On the webpage were located over 100 tables and diagrams. All the statistical information on the social-economic development is updated on the monthly, quarter and annual bases (depends on the regularity of information) for each region.

The central building of SCS and Main Computer Centers are linked with two internet lines for over 23 computers now.

Moreover, the MISP reflects most of the issues related to IT implementation in the statistical system of Tajikistan.

Programs and trainings on IT utilization
in the statistical system of Tajikistan

At the moment along with the UNICEF project SCS has been realizing DEVINFO program, one of the main issue of which is the creation of data base for the economical and social situation of the country for last several years (project realization started at the end of 2006)

Together with the Project of ? ? ? IS (Statistics - 9, Eurostat) and with the presence of international consultant has planned a training course for MCC staff on statistical information processing and implementation of IT in the statistical system (April 2007)

For the purpose of providing security for the population and risk mitigation of unforeseen situation there was signed an agreement among SCS and Committee on Emergency Situation and civil defense of Tajikistan as well as other ministries and agencies on information exchange via Internet.

Main obstacles on IT utilization in the statistical system of Tajikistan

- Absence of modern technology at the regional statistical agencies level;
- Absence of local network between the central and the regional statistical offices;
- Lack of financial resources for purchasing the technique (computers, scanners and etc.);
- Shortage of trainings for the specialists on the IT implementation in the system of statistics of Tajikistan;
- Absence of data processing programs.

Future plans on IT utilization

◆ Moving to electronic government;

◆ Training of specialists from the Central and Regional Statistical Offices on IT implementation and utilization;

◆ Conducting of different trainings according to MISP;

◆ Strengthening of technical basis of SCS Tajikistan through attracting of International Donors;

◆ Creation of local network among the Central and Regional offices;

THANK YOU FOR YOUR ATTENTION!