CENTRAL ASIA SYMPOSIUM ON ICT IN EDUCATION 2018
Strengthening Education Management Information Systems to monitor
the Sustainable Development Goal 4

24-26 October 2018
Dushanbe, Republic of Tajikistan
2011 - The first general education online information system

- produce basic education data to inform the Ministry and other stakeholders with timely, precise and reliable information;

2012 - Education Management Information System (EMIS)

- development of ICT in the education system by developing new efficient management systems and databases and providing IT support of various educational processes.
Implementing ICT and developing adequate infrastructure in the education system;

Developing e-management systems

Providing IT support and monitoring of various education processes and various electronic services;
Aim: efficient management of educational processes by gathering, online updating, processing and reporting of accurate and reliable data;

**Data**
- Students;
- Human resources;
- Geographical data of the educational institution;
- Information about the school infrastructure;
- Teacher time-table and hourly workload

**Functions**
- IT support of educational processes;
- Calculating education indicators;
- Monitoring of learning outcomes;
- Forecasting
accurate control of student performance
accurate control of absenteeism
Automatic evaluation at the end of the year;
Web and sms service for parents
Monitoring children at risk of dropping out
Main functions:

- electronic registration on vocational programs / mobility of students
- registry of teachers and administrative/technical staff
- material-technical database of vocational schools
- Evaluation and monitoring
Developing ICT in Education

- Unified IC network and Internet connection
- Netbooks for first graders
- www.buki.ge
- www.catalog.edu.ge
- www.el.ge
- Laptops for graduates
- CAT examination

2085 public schools

- 50% fiber-optic
- 50% radio technology
EMIS today
Challenges

- Horizontal exchange of information
- Data Accuracy ➔ invisible/semi-invisible data (special needs)
- Infrastructure
- OoSC – risk factors ➔ e-Journal
- Analysis
- Long-term tracking
EMIS
Future Plans

- Pre-school education
- Higher Education
- Automatic reporting
- Analytical approach → long-term vision
THANK YOU!