Institutional cooperation between Statistics Norway and the National Statistical Committee of the Kyrgyz Republic - 2014-2016

Omurbek Ibraev
Project coordinator
December 2014
Background

- Cooperation with Statistics Norway started in 2005
- Phases of cooperation:
  - Phase 1 (first pilot projects on electronic reporting, capacity building, hardware procurement, installing VPN between central office and regional offices)
  - Phase 2 (modernisation of household books, HR management, CAPI)
- SN applied for and received funding for Phase 3 which covers 2014-2016
GA and NSDS

During the course of the project, two major processes have taken place in NSC:

• UNECE has carried out a “Global assessment” of the National System of Official Statistics of the Kyrgyz Republic
• Based on the assessment, the World Bank has developed a NSDS (National Strategy for Development of Statistics) for 2013-2017
GA and NSDS as Basis for Phase 3 project proposal

• A broad picture of the state of development of official statistics in the country, including recommendations for further improvement

• Enhancing coordination and prioritisation of capacity building activities in the field of statistics provided by international organisations and other bilateral cooperation partners

• High commitment of NSC top management to follow recommendations of GA and NSDS
Phase 3 components

- Organisational Development
  - Establishment of a quality assurance framework
  - System for metadata management
  - Project management methodology and framework
  - Human Resource Management
  - Overall plan for IT development
  - Establishment of an intranet

- IT
  - Capacity building on statistical tools for statisticians
  - Capacity building for IT staff in database design and programming
  - Upgrade of existing IT systems

- Agricultural register
Project resources

- SN applied for and received funds from MFA of Norway to keep up the current involvement in NSC
- A Long Term Adviser from SN present in Bishkek during the whole project period (Can be first an expert on organisational development, then an IT expert)
- Will continue with local coordinator in NSC
- Have frequent short term missions and study visits between the two institutions.
  - Already done: several missions to NSC on quality assurance framework, metadata management and project management methodology
Organisational development - QA

• Quality assurance
  – The Global Assessment found that work at NSC is of a “stove pipe” kind. Good routines on statistics production, but little cooperation and knowledge sharing between the subject matter areas.
  – NSC wants to modernise the IT systems. A framework for QA has to be established ahead of the IT modernisation, to ensure quality in all processes from data collection via analysis to dissemination.
  – The Project aims to initialise the QA work, and wants to establish awareness of QA as an ongoing process. Will not cover all areas of QA, as that has to mature with the organisation over time.

• Metadata
  – A system for metadata management need to be established, with the main goal to serve as input to the IT component of the project.
Organisational development - contd

• Project management methodology
  – NSC lacks a general methodology for project specifications and management. This is important for planning of IT projects.

• HR - Human Resource Management
  – SN wants to continue the fruitful work on HR. Develop further the HR strategy and criteria for management and focus on HR management during institutional changes.

• Plan for IT development for the NSC
  – The IT component of the project aims at modernising IT in some of the statistics areas. An overall plan for statistical areas needs to be made.
Upgrade of existing IT systems

• The project cannot upgrade all systems in NSC, that is a huge job that has to be done over many years

• Organisational component and capacity building a fundament for IT development

• May cover IT implementation for 2-3 statistical domains, and make NSC capable of doing the rest
  – Goal to re-use modules and standardize solutions
  – Attempt to establish general application framework that covers the whole production process
  – Metadata a basis for data collection, editing and dissemination
Final notes – sample fundamentals

• Have compliance with guidelines in QA framework
• Decide on metadata scheme and implementation strategy
• Decide on general IT architecture principles, for example:
  – Platform independent and component based - make use of shared components whenever possible
  – Distinguish between user interface, business logic and data management
  – End-user systems must have uniform user interfaces
  – Data and metadata must be uniquely identifiable across systems
• Use stepwise approach to develop new production model
• Ensure process standardisation across domains
Thank you