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**EUROPEAN COMMISSION
STATISTICAL OFFICE OF THE
EUROPEAN COMMUNITIES (EUROSTAT)**

**ORGANIZATION FOR ECONOMIC COOPERATION
AND DEVELOPMENT (OECD)
STATISTICS DIRECTORATE**

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Sofia, Bulgaria, 21-23 June 2006

Special Session: Presentations of developing information systems in the Bulgarian National Statistical Institute

PRESENTATION OF THE INFORMATION SYSTEM “PLANNING AND DESIGN OF THE STATISTICAL SURVEY”

Invited Paper prepared by Antoaneta Nikolova, National Statistical Institute of Bulgaria

Summary

General goals

1. The building of the Information system “Planning and design of Statistical surveys” (PDSS) aims to settle important questions in the improvement of the organization and quality of work at the statistical office. The main purpose of the system is to provide a possibility to document the statistical survey metadata under a definite standard and to initiate an integrated and unified technology for the design of statistical tools (questionnaires, methodologies, technical specifications).

System architecture

2. The System architecture of the individual ISIS components is built as a multi-layer application.

Users

3. The various users of the system are:

- Methodologist-statistician – the NSI experts/employees responsible for the planning and conduct of statistical surveys and observations;

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- Statistical task/activity methodologist – the NSI experts/employees responsible for the planning and implementation of statistical tasks/activities;
- Expert in “Strategic Planning and Quality Management” department – responsible for development, coordination and adoption of the Plan for statistical surveys of the NSI for the corresponding year;
- NSI and RSO experts and external users of information from the System. (This type of workplace is every workplace from where the System is visible and there is not a higher access level defined);
- Expert in “Statistical tools” department – NSI experts who perform the methodological maintenance and development of the System;
- Administrator in “Statistical tools” department – NSI experts who administer the information content of the System.

Business processes

4. The System represents a complex software product that includes: instruments to support the planning, description, update of statistical surveys, the design of statistical tools; the definition of characteristics of observation units and standard statistical outputs; the documentation of arithmetic and logical control of statistical data collection and processing.
5. The System performs documentation and control of the changes in statistical surveys, provides authorized access to the statistical tools and methodological documents and provides a possibility to share them with all users.
6. Outputs of the System are standard inquiries such as: Plan for statistical surveys of the NSI for a specific year; Calendar presenting the results of the statistical surveys; List of standard statistical indicators for dissemination and other documents connected to the planning and design of the statistical surveys (questionnaires, methodologies, technical specifications).

Realization

7. The PDSS development stage should be completed in May 2006. According to the schedule, the implementation of the System should be finished by the end of June 2006.
