

GSBPM IMPLEMENTATION IN THE STATISTICAL COMMITTEE OF THE REPUBLIC OF ARMENIA (Armstat)

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Introduction of GSBPM

- In 2014 the Working Group on Quality Management has started the work on the introduction of the Generic Statistical Business Process Model (GSBPM) to document the statistical products according to GSBPM.
- Quality Management Division has been established on 15 February 2016 with the staff of 3 persons and has continued the work on GSBPM started by the Working Group.

Objectives

- To define and document statistical processes in a standard way using common terminology
- To compare, optimize and standardize processes of the production of statistical products
- To promote communication, awareness, coordination and team work across the office
- To make better decisions on planning, organizing and using of resources for each process.

Statistical Products

139 statistical products have been organized in 17 statistical domains
<https://www.armstat.am/en/?nid=373>

- Economy and finance
- Population and social processes
- Industry, construction, trade and services
- Transport and tourism
- Foreign trade
- Agriculture, forestry, fishing and food security
- Statistical business register
- Environment and energy

Activities on GSBPM

- GSBPM (Version 5.0, December 2013) has been translated into Armenian and approved by the Resolution N 30-A of the State Council on Statistics dated 21 November 2016.
- Statistical business processes for 139 statistical products have been documented according to the GSBPM, of which 117 are grouped into 53 groups, for example, electricity transport (subway, cableway, trolleybus).
- Statistical business processes for statistical products documented according to the GSBPM are posted on Armstat website (<http://www.armstat.am/en/?nid=373>) and are regularly updated.
- Statistical business processes for 1 new statistical product have been documented according to the GSBPM in 2021.

Cooperation Project

- Cooperation project with Statistics Norway supported by EFTA in 2015.
- Activities
 - Mission by Norwegian experts to Armstat (14-17 April 2015)
 - Study visit by Armenian experts to Statistics Norway (5-6 October 2015)

Objectives of the project

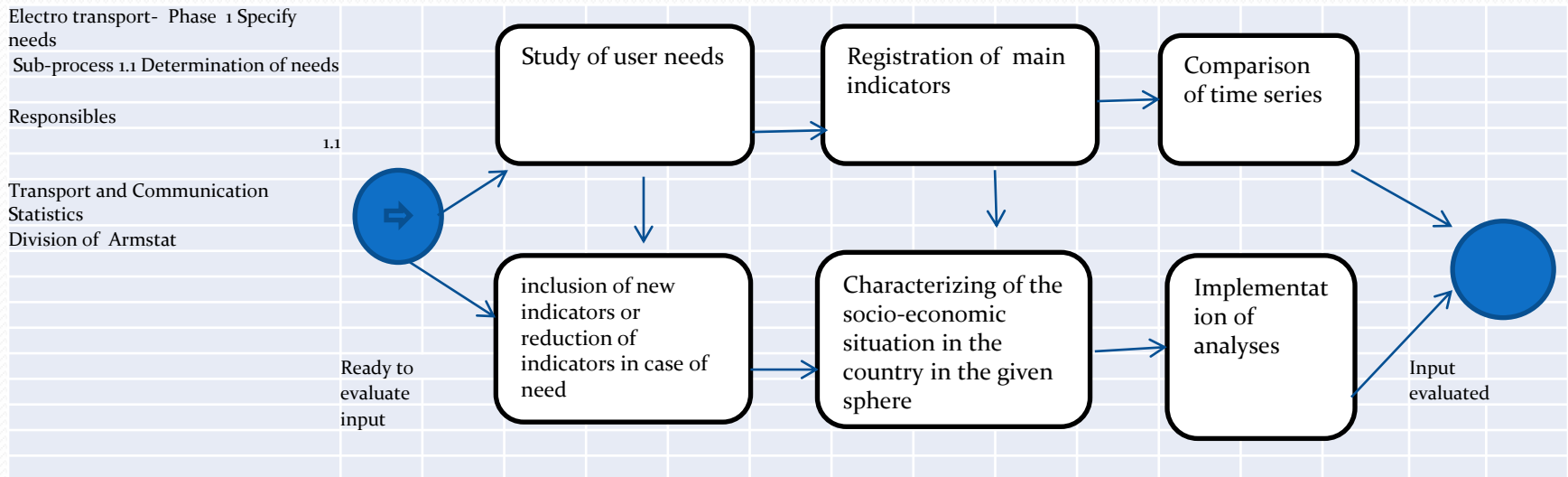
The main objective was to study the best practice of a country that has developed quality management tools and introduced the GSBPM.

- To study and assess the current situation regarding quality management and use of the GSBPM, following the recommendations from the EU Twinning project (2011-2013) and Light Peer Review in 2014.
- To present the experience and best practice.
- To make recommendations on Quality Management and further GSBPM implementation.

Visualization of statistical processes

- The process of visualization of the statistical processes of statistical products that have been documented according to the GSBPM started in 2017, based on the recommendations of the expert from Statistics Denmark /EU Twinning project, 2015-2017/.
- Visualization of statistical processes is implemented in Excel format and is called “swimming pool model”.

GSBPM /Swimming pool



Swimming pool model

- The swimming pool model allows to bring GSBPM to life and shows the whole picture, reveals and displays the entire chain of processes and sub-processes and demonstrates connections within the organization.
- 139 statistical products documented based on GSBPM have been visualized by graphs (swimming pools) and grouped in 53 groups. /<http://www.armstat.am/en/?nid=373/>

Visualization/Swimming pool

- The visualization process is aimed at providing in more detailed and perceptible way the statistical processes of the GSBPM-based documented statistical products.
- It also includes the actor responsible for sub-processes of each phase.
- In the “swimming pool model”, the separate lines (swim lanes) present the sub – processes under the responsibility of the responsible actor.
- From the beginning to the end, the arrows are illustrating the chain of implementation of statistical business processes.
- Each phase starts with the starting point "ready to perform this operation" and ends with the finishing point “operation is implemented”.

Benefits of the “Swimming Pool”

- To use for trainings
- To facilitate communication
- To define and describe statistical processes in a coherent way
- To make better decisions on how to organise statistical production.

Thank you



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