





Linkage of main components of GSBP model through integrated statistical information system

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Authors Helena Glaser- Opitzova, Ľudmila Ivančikova

Affiliations The Statistical Office of the SR, Bratislava, Slovakia;

Email helena.glaser-opitzova@statistics.sk;

ludmila.ivancikova@statistics.sk

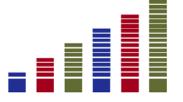




Linkage of main components of GSBP model through integrated statistical information system

Content

- 1. Integrated Statistical Information System (global architecture and major milestones of the process)
- 2. The Statistical Business Process Model
- 3. The Directive for Statistical Business Process and IŠIS integration





Integrated Statistical Information System (IŠIS)

Challenges

- ✓ To carry out activities in systematic and planned way
- ✓ To have higher standardization in working procedure
- ✓ To eliminate of specific individual solution
- ✓ To ensure adequate tools and instruments

The starting points

- ✓ Model of Statistical Business Process
- ✓ Unifies information model
- ✓ Standard methodological procedures and instruments
- ✓ Technology modernization





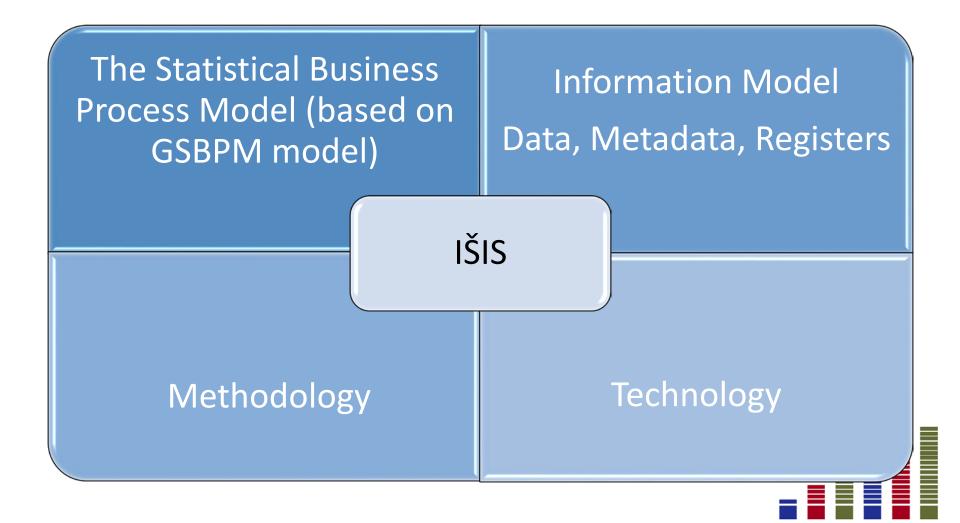
Part of the Statistical Business Process Model supported by IŠIS

Quality Management / Metadata Management / Data Management / Management of Data Describing Processes							
Specify Needs	Design	Build and Test	Data Collection	Process	Analyse	Disseminate	Evaluate
Identify needs	Design statistical outputs	Build/enhance collection, processing and analysis instruments	Create frame & select sample	Integrate data from different sources	Prepare draft outputs	Update systems	Gather evaluation inputs
Consult & confirm needs	Definition and description of indicators and survey variables	Build/enhance components for dissemination of statistical outputs	Technical and organizational data collection ensuring	Classify & code	Validate, interpret and explain outputs	Produce outputs	Prepare quality report
Establish output objectives	Design collection	Configure workflow	Run collection	Edit, validate and impute	Apply methods of disclosure control	Manage release of dissemnination outputs	Summarize and agree improv. actions and check their performance and efficiency
Identify concepts	Design frame & sample	Test production system	Finalise data collection	Derive new variables & units	Finalise outputs	Promote dissemination outputs	
Check data & sources availability; feasibility requirements	Design processing & analysis	Test statistical business process		Calculate weights		Manage user support	
Prepare business case	Design workflow & production systems	Finalize production system		Calculate agregated data and indicators	TČ	IS	
				Finalise data files	10	10	



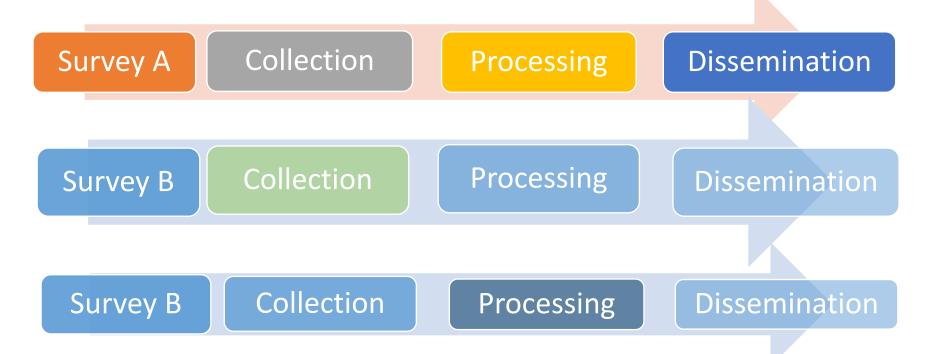


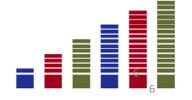
Pillars for IŠIS building





"Stovepipe system" individual solutions







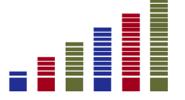
Integrated system – common solutions

Survey A, B, C

Collection

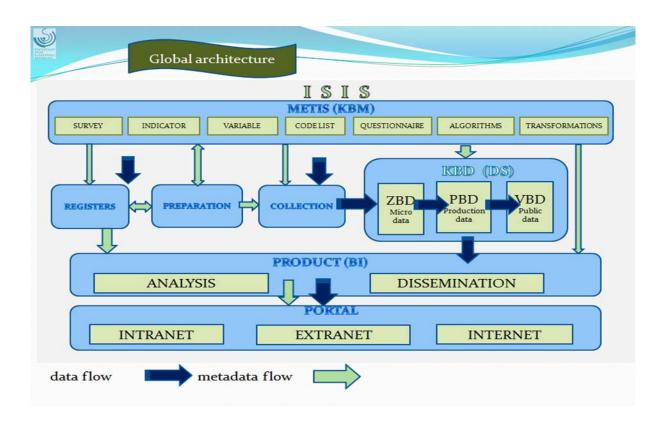
Processing

Dissemination





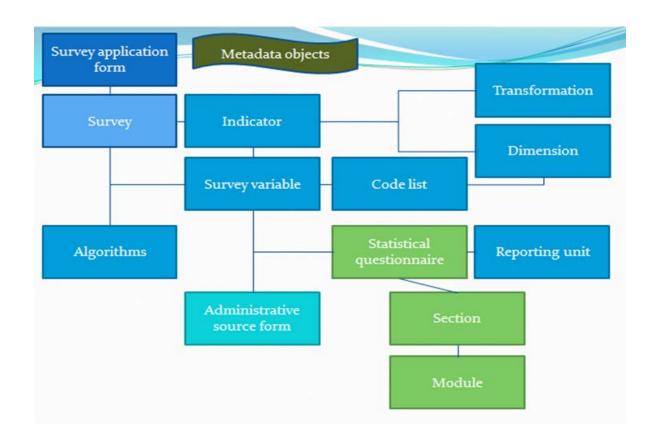
Description of total global architecture of the IŠIS







Metadata objects



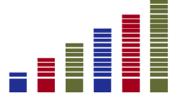




Major milestones

- 1. Defining survey
- 1. Creating application form
- 2. Defining algorithms
- 1. Defining reporting units sets

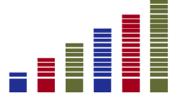
- 5. Generating questionnaires
- 6. Testing questionnaires
- 7. Questionnaires finalisation
- 8. Collection administration
- 9. Dissemination





IŠIS - Services

- electronic services for the provision of specific statistical products
- notification on setting up code lists, updating the values and their validity termination,
- notifications on reporting obligation,
- notification on questionnaire availability,
- notifications on coming collection deadlines and reminders

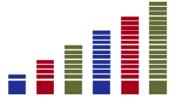




The Directive for Statistical Business Process

the Directive for Statistical Business Process, 2015:

- The SO SR internal document
- Designed on the GSBPM and its implementation into the IŠIS
- Activities in the entire process of statistical outputs production
- Section I represents customers` needs specification; sections II and III include design and building; sections IV – VI cover the output production; section VII dissemination and section VIII covers evaluation
- Can be regarded as a Quality guidelines





Thank you for your attention

