

Linking GSBPM and GSIM

ModernStats World Workshop

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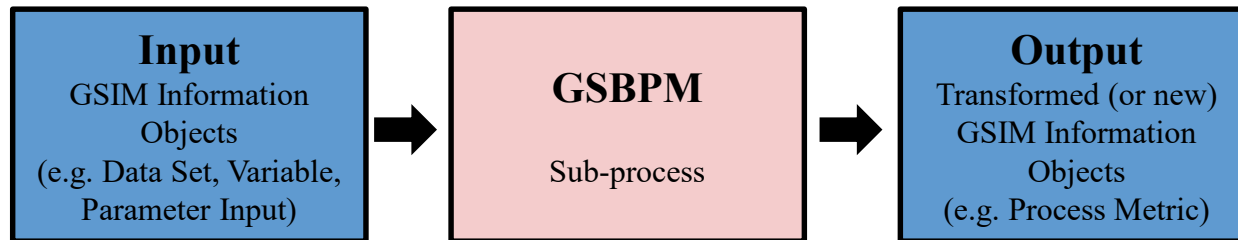
At the November meeting, the High-Level Group for the Modernisation of Official Statistics (HLG-MOS) approved this activity proposal from the Supporting Standards Group for 2019

Members of the task team

Name	Country/Organization
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Objectives

- Two models are conceptually closely linked as GSIM information objects are input/output of GSBPM phase/sub-process. As usage of both models is growing, it is important to provide clear view on how they can be used together in an integrated way
- The activity will **map the information objects of GSIM** to the corresponding sub-processes in GSBPM as **input** or **output** of individual steps



Work done so far

- Common understanding on the work to be done, the level of details, the concepts in GSIM,
- Review of previous attempts, particularly the paper “METADATA FLOWS IN THE GSBPM” presented at the UNECE Work Session on Statistical Metadata (Geneva, Switzerland 6-8 May 2013)
- Definition of a template for the mapping
- Agreement on which phase of the GSBPM to start with (Phase 5 – Process)

The template

For each GSBPM sub-process

Two levels for the mapping:

- A *specification level* corresponding to a conceptual/generic description of the mapping
- An *execution level* corresponding to a concrete implementation/ examples from NSOs of the mapping
- Each template defines the information objects to be considered
- <https://statswiki.unece.org/pages/viewpage.action?pageId=243269671&preview=/243269671/250348064/Template%20April%2018.docx>

Examples available so far

GSBPM sub-process	Examples
Sub-process 5.1 Integrate data	Canada, DDI
Sub-process 5.2 Classify and code	Finland, Sweden, Korea
Sub-process 5.3 Review and validate	Australia
Sub-process 5.4 Edit and impute	Italy, Hungary
Sub-process 5.5 Derive new variables and units	Canada
Sub-process 5.6 Calculate weights	Hungary
Sub-process 5.7 Calculate aggregates	Italy, Korea
Sub-process 5.8 Finalise data files	-

Next steps for 2019

- Harmonise the mapping done by the different countries at the Specification level
- Organise the examples from different countries in a single document for each sub-process
- Fine-tuning of the templates on the bases of the exercises
- Extend the mapping to one/two additional GSBPM phases (e.g. phase 4 Collect, phase 6 Analyse,...)
- Present the work done to the HLG-MOS at November seminar
- Complete the mapping next year (2020)

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Expected benefits

1. Better understanding of how the two models are related, thus supporting a wider use of the models themselves
2. Contributing to build “de facto” a more integrated view of the ModernStats Models
3. This integration makes it easier to create CSPA Services
4. This integration makes it easier to review and align the terminology used in the models in agreement with the activities undertaken by the Ontology and Metadata Glossary teams