UNECE High-level Group for the Modernisation of Official Statistics

Business Case for Linking GSBPM and GSIM

This business case was prepared by Supporting Standards Group and is submitted to the HLG-MOS for their approval.

Type of Activity			
☐	New project	☐	New activity
☐	Extension of existing project	☒	Extension of existing activity
Purpose			

GSBPM provides a standard framework and harmonised terminology to help statistical organisations to modernise their statistical production processes. GSIM is a reference framework for statistical information that provides a set of standardised, consistently described information objects. Conceptually the two models are closely related and complementary as GSIM describes information objects used as input/output in statistical production process. As usage of both models is growing, it is important to provide clearer view on how these two models can be used together in an integrated way. This integration will make it easier to create/use CSPA Services, design systems to track information flows through statistical business process, thus making processes and services more efficient and potentially automated to some degree.

Linking GSIM information objects as input and output of GSBPM sub-processes aims to achieve following purposes:

1) Better understanding of how the two models are related, thus supporting a wider use of the models themselves (especially GSIM which is sometimes considered too technical)
2) Contributing to build "de facto" a more integrated view of the ModernStats Models
3) This integration makes it easier to create CSPA Services and is a prerequisite for implementing CSPA services created elsewhere.
4) This integration makes it easier to review and align the terminology used in the models that could be an activity undertaken by the Metadata Glossary team

Description of the activity

In the beginning of 2019, a task team consisted of GSBPM experts and GSIM experts was created under the Supporting Standards Group. During the year, the task team reviewed existing work (Metadata flows in GSBPM, 2013[1]) and defined a conceptual template and diagrams linking GSBPM sub-processes with GSIM information objects, which were used to collect examples from countries for GSBPM phase 5. Task team identified commonalities observed in these examples to reach a standardized set GSIM inputs and outputs for sub-processes of GSBPM phase 5.

For 2020, the task team aims to produce following deliverables:

1) Mapping of GSIM and GSBPM for other GSBPM phases
2) Creating governance model to GSIM-GSBPM mapping
3) Creating relevant documentation, including communication paper
4) Adding the relevant GSIM objects into clickable GSBPM

Alternatives considered

The alternative would be non-action and complete the linking exercise for GSBPM phase 5 only. Experience and knowledge gained during the work in 2019 can be used to produce consistent mapping of GSBPM and GSIM for the remaining GSBPM phases. Non-action will mean multiple countries attempting to do the same

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[1] Work Session on Statistical Metadata 2013 Topic (iii) Metadata in statistical business process

work for other phases on their own which might lead to inconsistent mapping as well as results in duplication of efforts.
How does it relate to the HLG-MOS vision and other activities under the HLG-MOS?
Production of official statistics is the core business of statistical organisations and standard-based production is fundamental prerequisite for modernising organisations to be agile and innovative. The proposed activity will provide integrated view on how GSBPM and GSIM working together which will further advance the standardisation of production process. The proposed activity will enhance the usability of GSIM. The proposed activity is also related to the other HLG-MOS activities on CSPA as it will provide clear set of languages to define and document CSPA services.
Proposed start and end dates

Start: January 2020	**End:** December 2020