

Business Case for task team for Relationship between SDMX/DDI and ModernStats (2022)

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

Type of Activity			
<input type="checkbox"/>	New project	<input checked="" type="checkbox"/>	New activity
<input type="checkbox"/>	Extension of existing project	<input type="checkbox"/>	Extension of existing activity
Purpose			
<p>The efficient data governance in the statistical organizations requires standards and models that support the harmonized description and management of data and metadata throughout the data life cycle and the production process. In the suite of standards and models at the disposal of official statistics community, GSBPM and GSIM provides conceptual models for this and standards such as SDMX and DDI provide implementation models to facilitate the efficient management and exchange of data and metadata within and between statistical organizations.</p> <p>However, the complex landscape of standards that have different scopes and strengths often confuses users as to which standards are used for which stage of production process and for which use case. The situation has become even more complex in the last years with newer versions offering more options to the organizations on how to use them in the production processes individually or together. Organizations looking for guidance usually turn to generic frameworks, such as the GSBPM, to understand the relevance of the implementation models.</p> <p>The latest study exploring the relationship among the models took place around 2010 (Vale (2010-)), but the models have evolved significantly since then and the recent development in ModernStats (such as the linking GSBPM-GSIM task team) provides a more practical way to describe how these implementation models can be used throughout the production process. The objective of this activity is to help the community to better understand the implementation models by providing a guidance on how to use them throughout the production process.</p>			
Description of the activity			
<p>The activity will be carried out by a task team under the Supporting Standards Group which will include experts on SDMX, DDI, GSIM and GSBPM. The output of the activity will be a paper</p> <ul style="list-style-type: none"> • Describing the high-level view of where/how SDMX and DDI can be used across data life cycle based on GSBPM; • Identifying SDMX and DDI artefacts used for GSBPM sub-processes based on the outputs from the Linking GSBPM-GSIM task team and other related works; • Demonstrating the production process using results above (SDMX, DDI, GSIM) based on real-life use case. 			
Alternatives considered			
<p>The alternative would be non-action. This would mean that the important piece of knowledge remains grossly outdated and we miss the opportunity to utilize the great potential of the results of linking GSBPM-GSIM work. As organizations usually look for easy representations to help them understand the different implementation models, with no action, the currently available material will remain the most recent and because it is outdated, it will be potentially misleading to the community.</p>			
How does it relate to the HLG-MOS vision and other activities under the HLG-MOS?			

SDMX and DDI are widely used implementation standards in the statistical community, this activity will help increasing the understanding of these models in the statistical production process and support the use of standard-based modernisation which is in line with the vision of HLG-MOS.

Proposed start and end dates

Start: July 2022

End: December 2023