



Supporting Standards Group Activities and Challenges

Supporting Standards Group
27 November 2018
Geneva, Switzerland



The Supporting Standards Group

The goal of the group is to find ways how to develop, enhance, integrate, promote, support and facilitate implementation of **the range of standards needed for statistical modernisation.**



Operational responsibility for the maintenance and development of:

GAMSO - Generic Activity Model for Statistical Organizations

GSBPM - Generic Statistical Business Process Model

GSIM - Generic Statistical Information Model

The Members

Member	Country	Organisation
<u>Marina Signore</u> - Chair	Italy	ISTAT
<u>Al Hamilton</u>	Australia	Australian Bureau of Statistics
<u>Alice Born</u>	Canada	Statistics Canada
<u>Guillaume Duffes</u>	France	INSEE
<u>John Dunne</u>	Ireland	CSO
<u>Mauro Scanu</u>	Italy	ISTAT
<u>Juan Muñoz</u>	Mexico	INEGI
<u>Manuel Cuellar</u>	Mexico	INEGI
<u>Becky Collett</u>	New Zealand	Statistics New Zealand
<u>Janusz Dygaszewicz</u>	Poland	Statistics Poland
<u>Anna Dlugosz</u>	Poland	Statistics Poland
<u>Catrin Karling</u>	Sweden	Statistics Sweden
<u>Nilgün Dorsan</u>	Turkey	Turkstat
<u>Dan Gillman</u>	United States	Bureau of Labor Statistics
<u>Márta Nagy-Rothengass</u>		Eurostat
<u>Jay Greenfield</u>		DDI
<u>Joachim Wackerow</u>		GESIS (DDI)
<u>Edgardo Greising</u>		ILO
<u>David Barraclough</u>		OECD

Activities in 2018

GSBPM Revision

GSIM Revision

GAMSO Update

Integrated View



Modernstat Workshop

together with Sharing Tools Group

11-13 April, Geneva

Revision of GSBPM & GSIM

Common aspects

- GSBPM v5.0 and GSIM v1.1 were released in 2013
- Need to take into account the changes in the statistical production environment
- Take into account experiences from countries implementing the models
- Ensure greater alignment with new developments (e.g. GAMSO)
- A dedicated task team for each model
- UNECE Stats Wikis: [GSBPM Discussion Forum](#) & [GSIM Discussion Forum](#)

GSBPM revision (1)

Purposes

- Increase clarity
- Improve consistency with other modernisation models (i.e. GAMSO and GSIM)
- Recognise the growing importance of integrating statistical data with geospatial data
- Make the model less survey-centric, account for new data sources including big data and relationships with data owners and data providers
- Ensure continuity with previous version. Major changes needed to be supported by a strong business case

GSBPM revision (2)

Three major tasks

- ✓ Compilation of user feedback (*July 2017 - October 2017*)
- ✓ Review of feedback and revision process (*October 2017 - June 2018*)
- ✓ Public consultation and revision (*July 2018 - November 2018*)

GSBPM revision (3)

Main changes

- Several sub-processes have been re-named to improve clarity
- As overarching processes at corporate level are covered by the GAMSO, descriptions of overarching processes in GSBPM have been updated accordingly
- The descriptions of the phases and the sub-processes have been updated to improve clarity
- Several terms have been modified to improve consistency with the GSIM and the GAMSO
- Examples and descriptions have been updated and expanded to encompass other exchange channels and data sources, such as administrative data, big data and geospatial data

➤ GSBPM new version: **GSBPM v5.1**

GSBPM revision (4)

Next steps – planned timetable

- ✓ New version of GSBPM – **GSBPM v5.1** - to be shared by HLG – *December 2018*
- ✓ GSBPM v5.1 to be shared by CES Bureau - *January 2019*
- ✓ GSBPM v5.1 to be endorsed by CES - *June 2019*

Is there a huge impact on the organisations already using GSBPM?

=> No. GSBPM structure is the same, but only made more applicable for different data sources, products, etc.

GSIM revision (1)

Purpose

- Incorporate experiences from countries implementing (part or whole of) GSIM
- Add more details
- Incorporate new data sources

GSIM revision (2)

Three major tasks

- ✓ Compilation of user feedback (*July 2017 - October 2017*) – via email and UNECE Stats Wikis
- ✓ Review of feedback and revision process (*October 2017 - July 2018*) – via WebEx, UNECE Stats Wikis
- ✓ Public consultation and revision (*August 2018 – exp. Q1 2019*)

GSIM revision (3)

Main changes

- Added 17 objects
 - new ways of producing statistics (e.g. *Data Harvesting*)
 - additional logical details incorporated from LIM works (e.g. *Parameter Input*, *Transformable Input*)
- Removed 5 objects (superseded by new objects)
- Modified definition, relationship and attributes (to reflect addition/removal of objects, improve consistency, better align with other standards, e.g. PROV-O)
- Corrected errors in Enterprise Architect and Clickable

GSIM revision (4)

Next steps – planned timetable

- ✓ New version of GSIM - to be shared by HLG & CES Bureau – *January 2019*
- ✓ New version to be endorsed by CES - *June 2019*

GAMSO update

Purposes

- The revision of the GSBPM, in particular regarding the overarching processes, required some consistency in the GAMSO
- GAMSO v1.1 was released in 2017 so too early for a new full-scale revision
- The update and alignment was done by UNECE and shared with the Supporting Standards Group in July 2018
- Text changes in the introductory paragraphs

➤ New version: **GAMSO v1.2**

ModernStats World Workshop (1)

- 11-13 April 2018
- Joint workshop with Sharing Tools Group
- **Purposes:** facilitate the sharing of the ideas and plans for modernising statistical production by implementing the standards; increase the understanding of standards and their interrelations
- **Survey:** questionnaire on the implementation of the models by countries, benefits and difficulties
- Interactive sessions and foot-voting to stimulate active participation

ModernStats World Workshop (2)

Achievements:

- An overall view on how countries are implementing the Modernstat models and the challenges they are facing
- Bringing people with different expertise together: common language
- Better understanding of joint use of models
- Feedback for the GSBPM and GSIM review work
- Feedback to address future work

ModernStats World Workshop (3)

Survey An overall view on how countries are implementing the Modernstat models and the challenges they are facing

- Bringing people with different expertise together: common language
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Integrated view of Modernisation Standards (1)

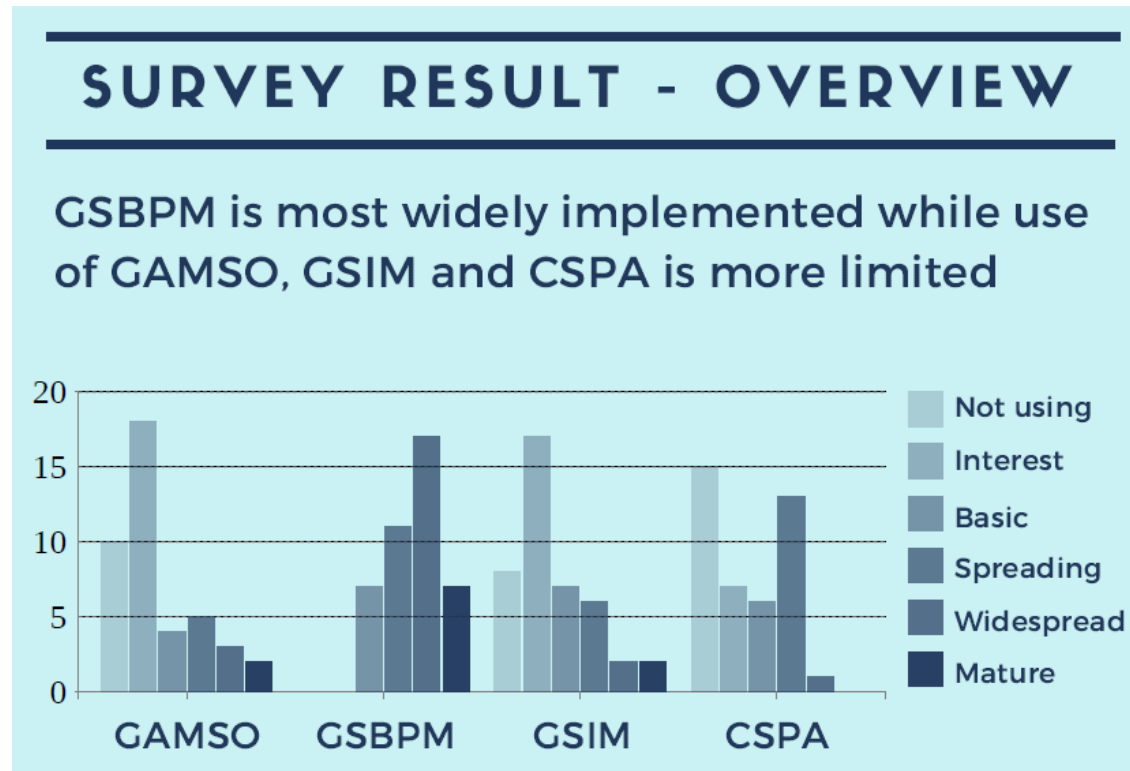
Aims

- ✓ Support to the implementation of the ModernStats model by taking advantage of their interrelationships
- ✓ Provide answers to recurring questions (e.g. relationship between different standards, how to implement them together, which model comes first)

Background

- Project proposal presented to HLG-MOS in November 2017
- Initial work carried out by Supporting Standards Group
- Discussion and countries feedback from the 2018 ModernStats World Workshop

Integrated view of Modernisation Standards (2)



Survey on the use of ModernStats Models (2018)

Survey results shows that GSBPM has most widespread usage and that maturity level of “multiple model” is not high yet

Future activities and challenges (1)

Activity proposals submitted by the Supporting Standards Group

- Aligning Overarching Processes in GSBPM with GAMSO
- Linking GSBPM and GSIM
- Communicating the ModernStats Models
- Core Ontology for Official Statistics
- Metadata Glossary

New activity proposals contribute de facto to setting up a more integrated view of the modernisation standards

Future activities and challenges (2)

- Encourage greater visibility and use of standards within statistical organisations
- Advertise the release of the new versions of the models (GSBPM, GSIM and GAMSO)
- Getting support from the Communication Task Team
- Maintain cooperation with international organisations (Eurostat, OECD, ILO,...) to ensure the maximum of convergence