2. Modelling the Information and Processes of a Statistical Organization (Statistics Norway)

2.1 Statistical information model

Our current information models are fragmented and mostly in Norwegian. However, we are in the process of adopting GSIM.

2.2 Adoption of GSIM

Statistics Norway has participated in the development of GSIM v1.0 from the initial idea within the Statistical Network through sprint 1 in Slovenia, sprint 2 in south Korea and the integration workshop in Statistics Netherlands including reviews of v0.4 and v0.8. We participated in the GSIM Implementers Group and the MetaData Task Force looking at the flow of GSIM v1.0 information objects throughout the GSBPM v4.0. We contributed our experience with the Neuchâtel terminology for classifications to the GSIM Statistical Classification Model in GSIM v1.1.We will continue to work with GSIM and DDI in connection with the RAIRD (Remote Access Infrastructure for Data to researchers) project together with the Norwegian data archive. We intend to adopt v1.1 with extensions and give constructive feedback intended to strengthen GSIM in its fit for purpose role.

2.3 Statistical business process model

Our statistical business process model is based on the work done by Statistics New Zealand, by Statistics Sweden and by METIS.

The phases we are currently using are as follows: 1. Specify Needs, 2. Design, 3. Build, 4. Collect, 5. Process, 6. Analyse and 7. Disseminate. We also have two overarching phases 8 Quality management - evaluate and feedback and 9 Support and infrastructure.

Comparison with the Generic Statistical Process Model v5.0 from December 2013 by the UNECE secretariat: The quality management part of the overarching phase Quality management/Metadata management is covered by our phase 8 Quality management - evaluate and feedback, while the Metadata management part is covered in our model by sub-processes and by our master metadata systems in the overarching phase 9 Support and infrastructure.

For more information on Statistics Norway's Business Process Model see

http://www.ssb.no/english/subjects/00/90/doc_200817_en/doc_200817_en.pdf

We have a clickable version of our business process model in Norwegian on our intranet. For each subprocess we have documented the subprocesses that can precede, those that can come after, the guidelines to be used, the activities to be considered, the supporting roles and applications and any feedback loops.

We encourage documentation, archiving and hours worked in statistical production to be recorded according to the phases 1 - 9 of our business process model.

2.4 Relation to other models

We intend to use GSIM in conjunction with the GSBPM internationally and with our own business process model nationally. We are currently exploring the use of GSIM in combination with DDI and in combination with SDMX.