Standards:

Issues and Challenges

Alice Born

Chair: Modernisation
Committee on Standards

Introducing the Modernisation Committee

- Terms of reference:
  - Develop, enhance, integrate, promote, support and facilitate implementation of the range of standards needed for statistical modernisation
  - Maintain an information resource about standards needed to support statistical modernisation
  - Operational responsibility for the maintenance and development of the GSBPM and the GSIM
  - Follow developments in geospatial standards

Membership

- Alice Born (Canada) (Chair)
- Achim Wackerow (DDI Alliance)
- Juan Muñoz (Mexico)
- Klas Blomqvist (Sweden)
- Benoit Rouppert (France)
- August Gotzfried (Eurostat)
- Marina Signore (Italy)
- John Dunne (Ireland)
- Dan Gillman (United States)
- Al Hamilton (Australia)
- Adam Brown (New Zealand)
- Jenny Linnerud (Norway)
- Nilgün Dorsan (Turkey)
- Stanislaw Sieluzycki (Poland)

Existing activities that will fall under this Committee

- Work Sessions on Statistical Metadata (METIS)
- SDMX/DDI Dialogue
- Common Metadata Framework
- GSBPM / GSIM

Issues and challenges (1)

- GSBPM / GSIM
  - Support further development and implementation
  - More work on links with other standards, particularly DDI and SDMX
  - More detail on GSBPM over-arching processes (particularly quality management)
  - Publishing use-cases and establishing practitioner communities

Issues and challenges (2)

- DDI Profiles
  - Promote the use of the profiles developed in the Frameworks and Standards project
  - Define additional DDI profiles to support the use of DDI in different aspects of official statistics

Issues and challenges (3)

- SDMX

  – Support for greater standardisation through SDMX data structure definitions, cross-domain code-lists etc.

  – In collaboration with the SDMX Statistical Working Group

Issues and challenges (4)

- Common Statistical Production Architecture
  - Support the implementation of CSPA from a standards perspective

Issues and challenges (5)

- Semantic web
  - Investigate the potential use of semantic web standards in official statistics
  - Consider the use of semantic web standards in relation to Big Data and Open Data
  - Collaborate with the proposed new W3C group on semantic statistics

Issues and challenges (6)

- Promoting standards
  - Encourage the greater visibility and use of standards within statistical organisations
  - Pre-requisite: Define what we mean by standards, how they should be managed and maintained
  - Build on work done by the European Statistical System Sponsorship on Standardisation, and other relevant European projects

Issues and challenges (7)

- Glossary
  - Develop a general glossary of metadata and/or modernisation terminology
  - Combine existing glossaries (GSIM, CSPA ...)
  - Complement to the proposed SDMX Glossary

Issues and challenges (8)

- Overview of standards
  - Create a coherent overview of the standards needed for statistical modernisation
  - Including:
    - Mapping existing standards and tool sets to the GSBPM
    - Outreach to other standards initiatives, e.g. XBRL, Geospatial standards, ….