



---

United Nations Economic Commission for Europe  
Statistical Division

# **The Generic Statistical Business Process Model**

**Steven Vale, UNECE**



---

## **Contents**



- ❖ Introducing the GSBPM
- ❖ Links to other standards
- ❖ Further development of the GSBPM

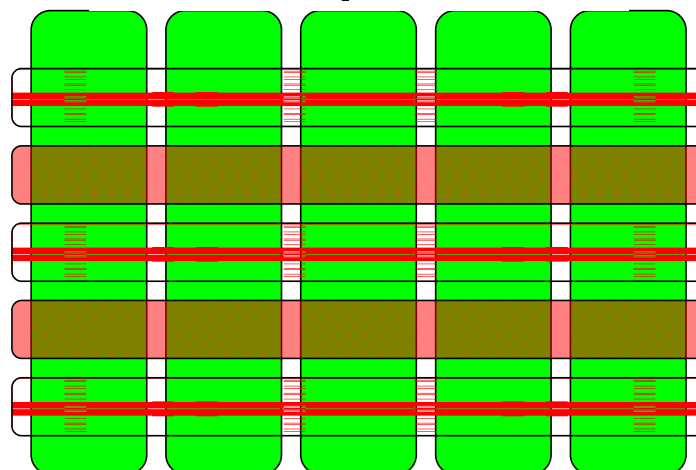
## GSBPM – The Background



- ❖ Statistical production has traditionally been organised by topic, e.g. transport, trade, ...
- ❖ Financial pressures are encouraging new ways of thinking
- ❖ Some statistical organisations are moving towards a process-based approach
- ❖ Others are considering a matrix approach

### Topics

P  
r  
o  
c  
e  
s  
s  
e  
s



---

## Why do we need a model?



- ❖ To define and describe statistical processes in a coherent way
- ❖ To standardize process terminology
- ❖ To compare and benchmark processes within and between organisations
- ❖ To identify synergies between processes
- ❖ To inform decisions on systems architectures and organisation of resources

---

## Developing the GSBPM



- ❖ Developed by the UNECE Steering Group on Statistical Metadata (METIS)
- ❖ Based on the business process model developed by Statistics New Zealand
- ❖ Three rounds of comments made the terminology and descriptions more generic
- ❖ Adopted in April 2009



## Applicability

- ❖ All activities undertaken by producers of official statistics which result in data outputs
- ❖ National and international statistical organisations
- ❖ Independent of data source, can be used for:
  - Surveys / censuses
  - Administrative sources / register-based statistics
  - Mixed sources



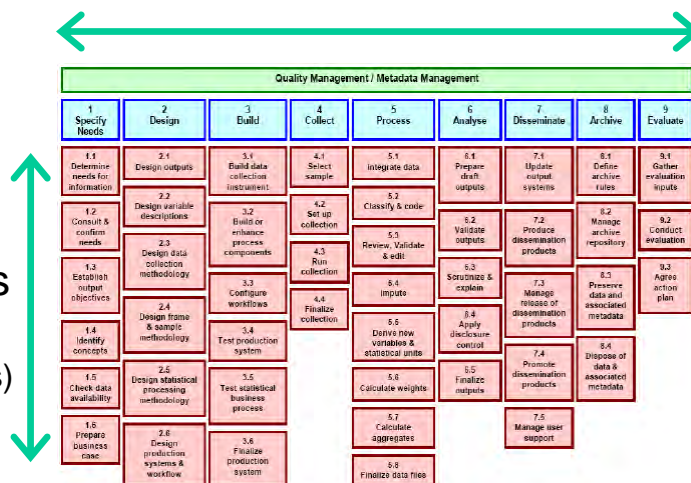
## Structure of the GSBPM

Process

Phases

Sub-processes

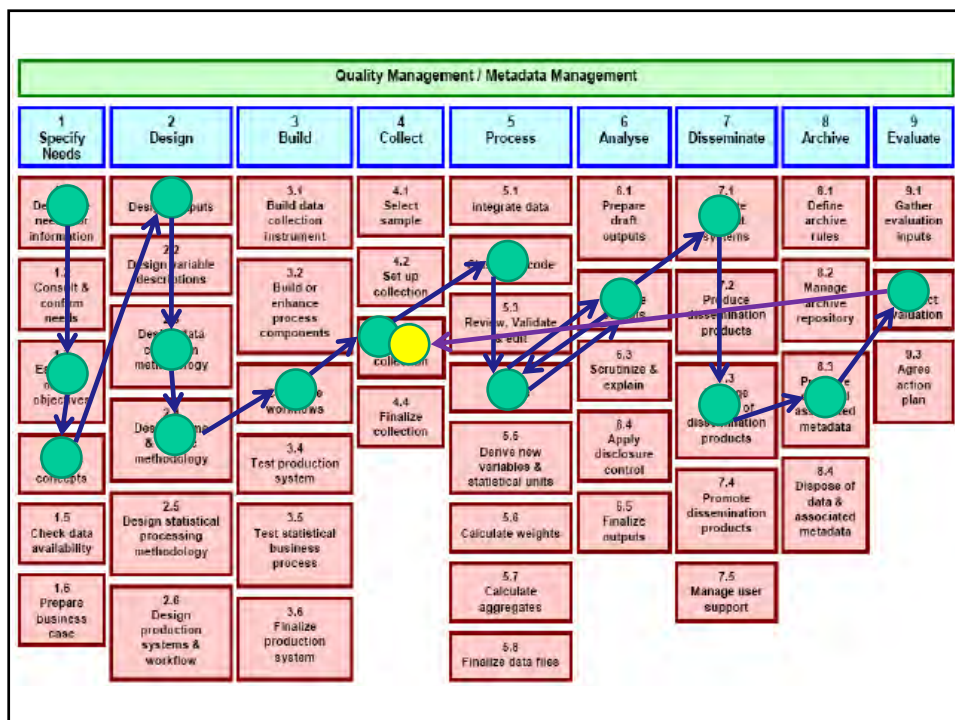
(Descriptions)



## Key features

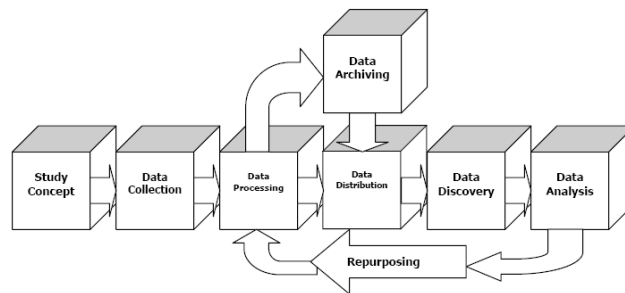
### ❖ Not a linear model

- ❖ Sub-processes do not have to be followed in a strict order
- ❖ It is a matrix, through which there are many possible paths, including iterative loops within and between phases
- ❖ Some iterations of a regular process may skip certain sub-processes

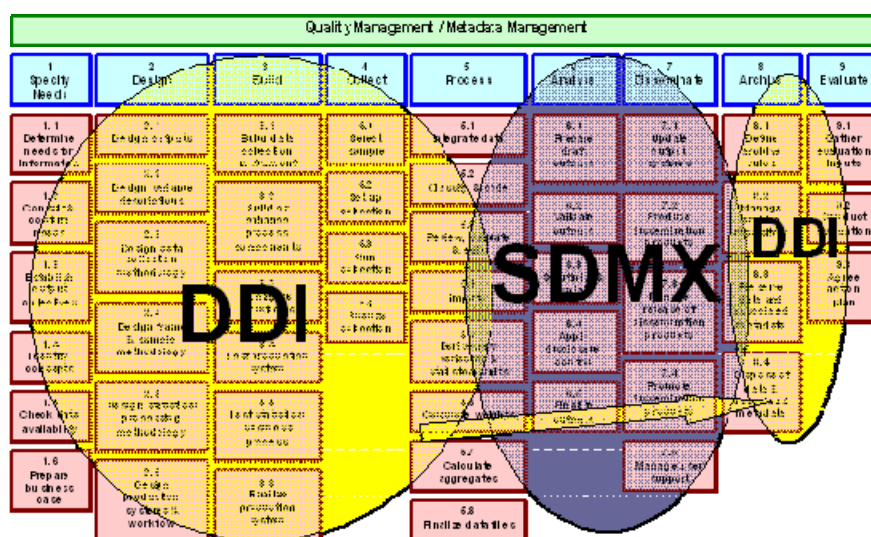


## Links to other standards

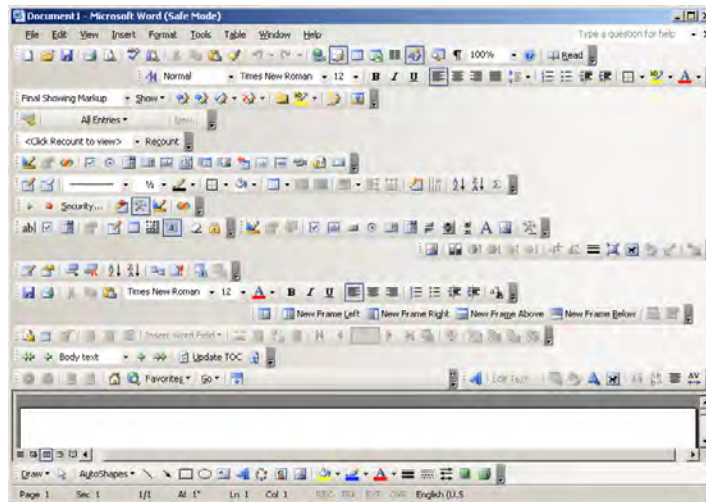
- ❖ SDMX standards refer to business processes, but do not have a model
- ❖ DDI has the Combined Life Cycle Model



## Combining standards?



## Functionality stretched too far?



## Further development of the GSBPM



- ❖ UNECE Task Force
- ❖ No change to model (for at least 2 years)
- ❖ 5 themes:
  - National Implementations of the GSBPM
  - Communication resources
  - Metadata flows within the GSBPM
  - GSBPM and process quality management
  - Other groups using the GSBPM as a framework for their activities

---

## Workshop on Statistical Metadata



- ❖ Theme: Implementing the GSBPM and combining metadata standards
- ❖ Where: Geneva
- ❖ When: 5-7 October 2011
- ❖ More information: UNECE website - [www.unece.org/stats/documents/2011.10.metis.htm](http://www.unece.org/stats/documents/2011.10.metis.htm)
- ❖ All welcome!

---

## Questions and Comments?

[steven.vale@unece.org](mailto:steven.vale@unece.org)

