



**United Nations Economic Commission for Europe
Statistical Division**

Introducing the GSBPM





What is the GSBPM?

- ❖ A flexible model that describes and defines the set of business processes needed to produce official statistics
- ❖ Standard framework and harmonised terminology to help statistical organisations
 - Modernise statistical production processes
 - Share methods and components



Why do we need the GSBPM?

- ❖ To define and describe statistical processes in a coherent way
- ❖ To compare and benchmark processes within and between organisations
- ❖ To make better decisions on production systems and organisation of resources

GSBPM Version 5.0

❖ Released December 2013

Quality Management / Metadata Management							
Specify Needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate
1.1 Identify needs	2.1 Design outputs	3.1 Build collection instrument	4.1 Create frame & select sample	5.1 Integrate data	6.1 Prepare draft outputs	7.1 Update output systems	8.1 Gather evaluation inputs
1.2 Consult & confirm needs	2.2 Design variable descriptions	3.2 Build or enhance process components	4.2 Set up collection	5.2 Classify & code	6.2 Validate outputs	7.2 Produce dissemination products	8.2 Conduct evaluation
1.3 Establish output objectives	2.3 Design collection	3.3 Build or enhance dissemination components	4.3 Run collection	5.3 Review & validate	6.3 Interpret & explain outputs	7.3 Manage release of dissemination products	8.3 Agree an action plan
1.4 Identify concepts	2.4 Design frame & sample	3.4 Configure workflows	4.4 Finalise collection	5.4 Edit & impute	6.4 Apply disclosure control	7.4 Promote dissemination products	
1.5 Check data availability	2.5 Design processing & analysis	3.5 Test production system		5.5 Derive new variables & units	6.5 Finalise outputs	7.5 Manage user support	
1.6 Prepare business case	2.6 Design production systems & workflow	3.6 Test statistical business process		5.6 Calculate weights			
		3.7 Finalise production system		5.7 Calculate aggregates			
				5.8 Finalise data files			

Applicability

- ❖ All activities undertaken by producers of official statistics which result in data outputs
- ❖ All statistical domains
- ❖ All types of data source:
 - Surveys / censuses / administrative sources / “Big Data” / Mixed sources
- ❖ National and international statistical organisations

Structure of the Model

Process



Phases

Sub-processes

(Descriptions)



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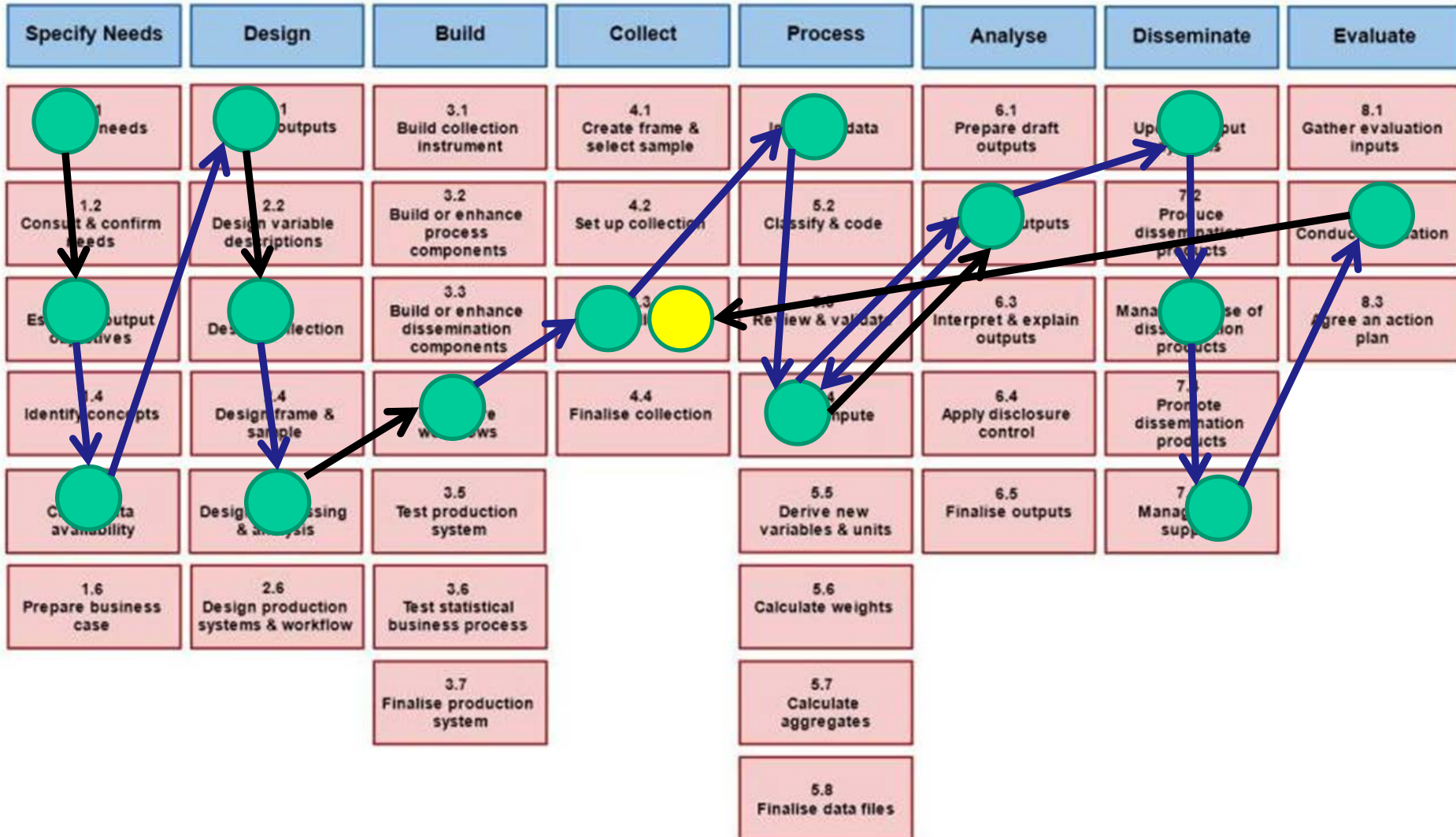
Key features

❖ **Not a linear model**

- ❖ Sub-processes are not followed in a strict order
- ❖ It is a matrix, through which there are many possible paths



Quality Management / Metadata Management





Uses of the GSBPM

- ❖ Managing statistical programmes
- ❖ Cost / resource allocation
- ❖ Documenting statistical processes
- ❖ Framework for quality assessment
- ❖ Sharing statistical software



**The GSBPM is used by more than
50 statistical organisations
worldwide**



The future of the GSBPM

- ❖ The GSBPM will have to change over time to reflect new realities
 - But not too often!
- ❖ Collect ideas and feedback to inform future revisions
- ❖ More detail?
- ❖ Broader scope?



More information

❖ GSBPM Wiki

UNECE Statistics Wikis Spaces People Calendars [Create](#)

Pages

Generic Statistical Business Process Model

9 Added by Steven Vale, last edited by Alice Kovarikova on 03 May, 2014 (view change)

- GSBPM v5.0**
Current version of GSBPM (released December 2013)
- Profiles of GSBPM**
Mappings to specific processes and national implementations of GSBPM
- Uses of GSBPM**
Ideas for how you could use GSBPM
- Communicating GSBPM**
Ideas for communicating GSBPM
- GSBPM and other standards**
Papers on how GSBPM links to other standards
- GSBPM Discussion Forum**
Questions about GSBPM? Post them here!
- Previous versions of GSBPM**
Previous versions of GSBPM

❖ www1.unece.org/stat/platform/display/GSBPM