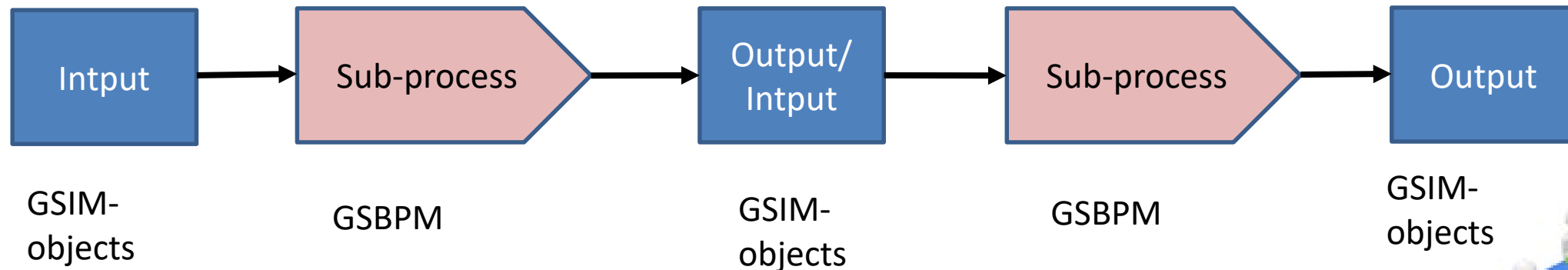


Generic Statistical Information Model - GSIM

Guillaume Duffes (presentation
from Eva Holm in the 2017
workshop)

GSIM

- To produce official statistics we need to follow a set of processes, GSBPM.
- We also have the information that flows between them like data, metadata, rules and parameters.
- Greater value will be obtained from both models if they are applied together.





Harmonized, standardised way

Important part in
modernizing work

Provides a common language for different roles

Define and describe
information objects

- their relationships,
definitions and attributes

Aligns with relevant standards -
DDI and SDMX

Platform-independent -
relevant to all stakeholders
and robust over time

More efficient exchange of
data and metadata

GSIM

Reusable attributes for information objects, identity, versioning etc

Base

- User needs
- The structure of a Statistical program, process steps, methods, rules
- Execution of the process

- How is it structured, what format it is in, where it is stored
- Reference metadata - documentation

The information that comes in and out of the organisation, exchange channels, agreements.

What statistical content - definitions of concepts, variables, population, unit type
The meaning of codes; statistical classifications, code lists

Business

Exchange

Structures

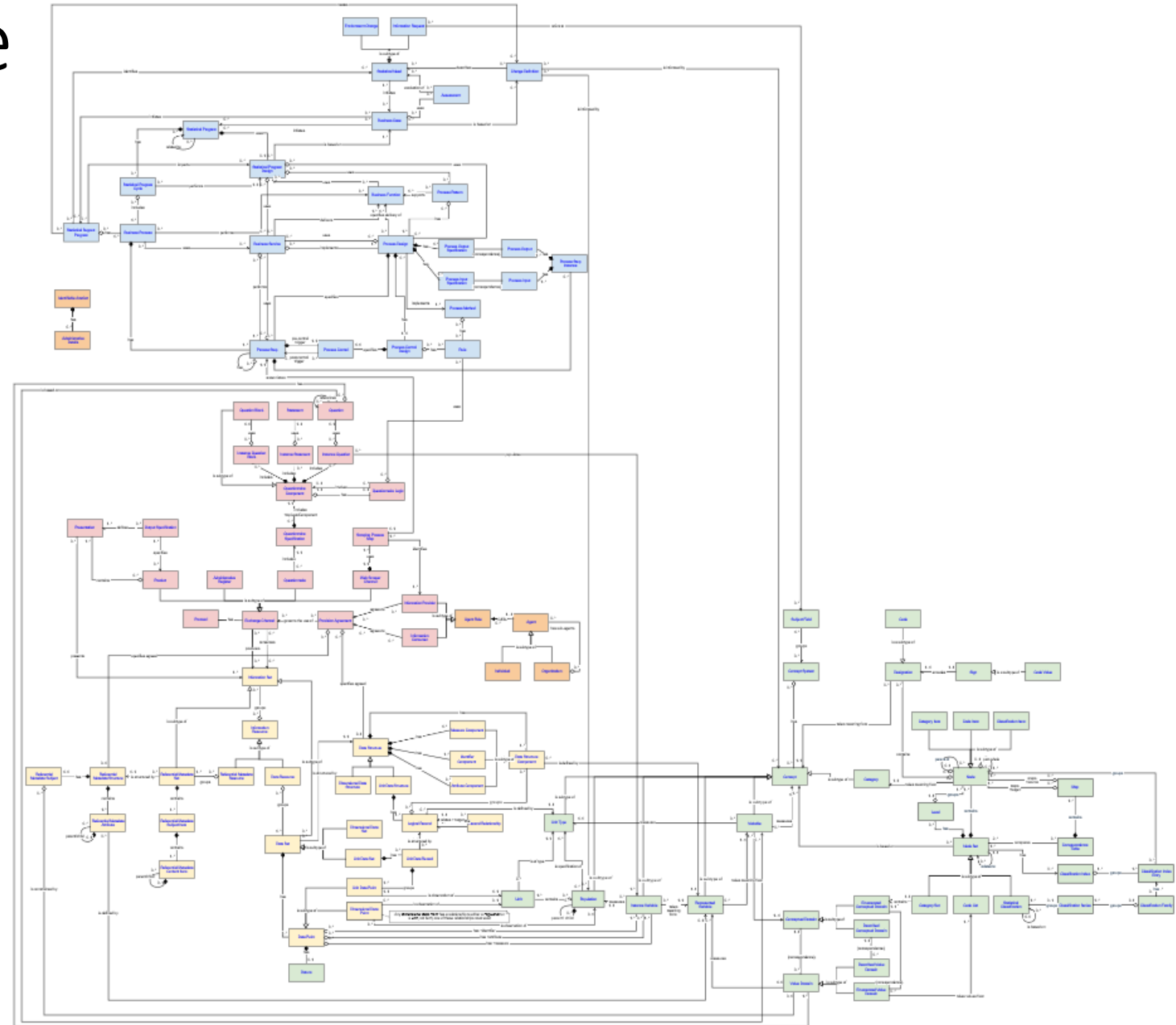
Concepts

An example

Statistical program – Population register ----->	Business
+ Unit type – Person ----->	Concepts
+ Population – Persons registered in Sweden ----->	Concepts
+ Variable – Country of birth ----->	Concepts
+ Value domain – Countries (code list; 752 - Sweden) ----->	Concepts
+ Data structure – Data structure ----->	Structures
+ Format – Text ----->	Structures
+ Column name – Fodelseland ----->	Structures
+ Process step – GSBPM 5.8 (Finalise data files) ----->	Business
+ Source – National tax office ----->	Exchange

GSIM on one page

A lot of knowledge
and experience
gathered in one
model



Where to find information?

<https://statswiki.unece.org/display/gsim>

Clickable GSIM is great!

Thank you!