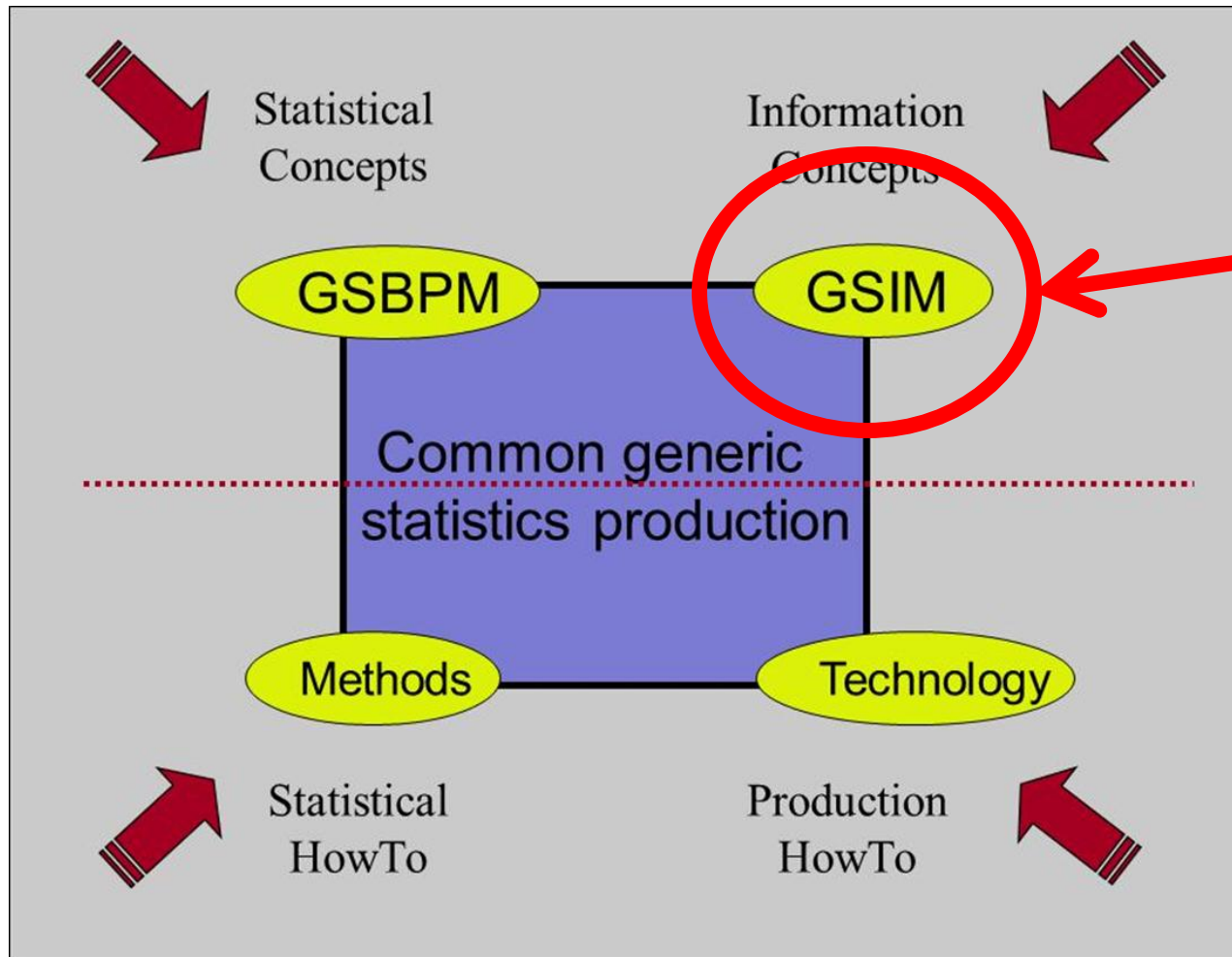


What is GSIM?



Introducing the GSIM



You are here

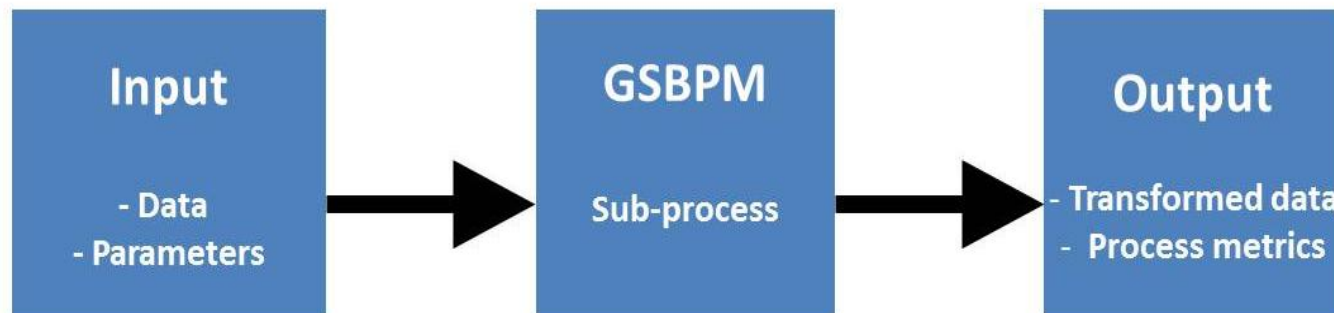
We need consistent information

- HLG-BAS Implementation Strategy seeks
 - i. reuse and sharing of methods, components, processes and data repositories
 - ii. definition of a shared “plug-and-play” modular component architecture
- Statistical business functions as described in GSBPM will help determine which components are required.



GSIM is complementary to GSBPM

Another model is needed to describe information objects and flows within the statistical business process



What is GSIM?

- A reference framework of information objects
- It sets out definitions, attributes and relationships regarding information objects
- It aligns with relevant standards such as DDI and SDMX



Purposes of GSIM

- Improve communication
- Generate economies of scale
- Enable greater automation
- Provide a basis for flexibility and innovation
- Build staff capability by using GSIM as a teaching aid
- Validate existing information systems

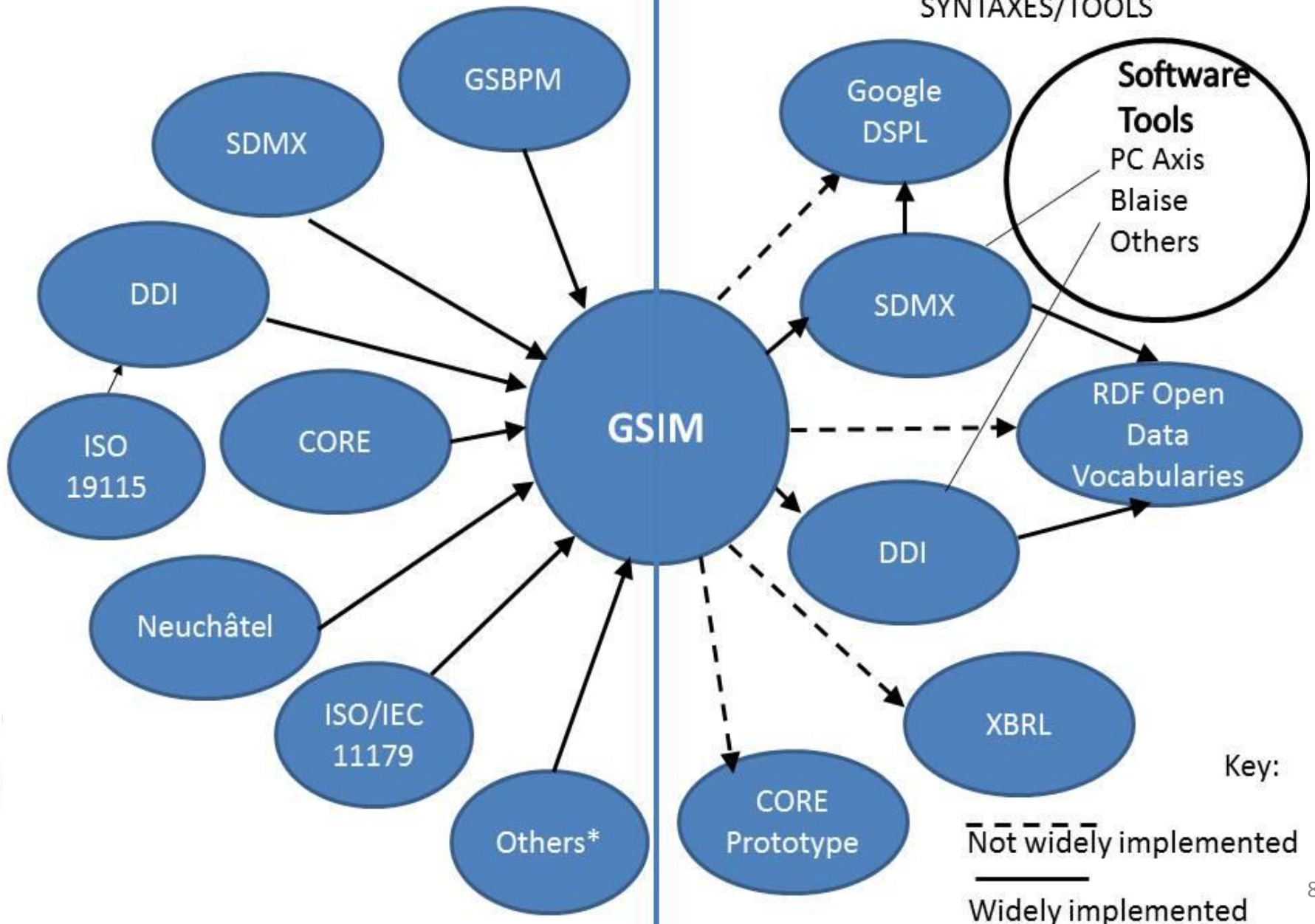


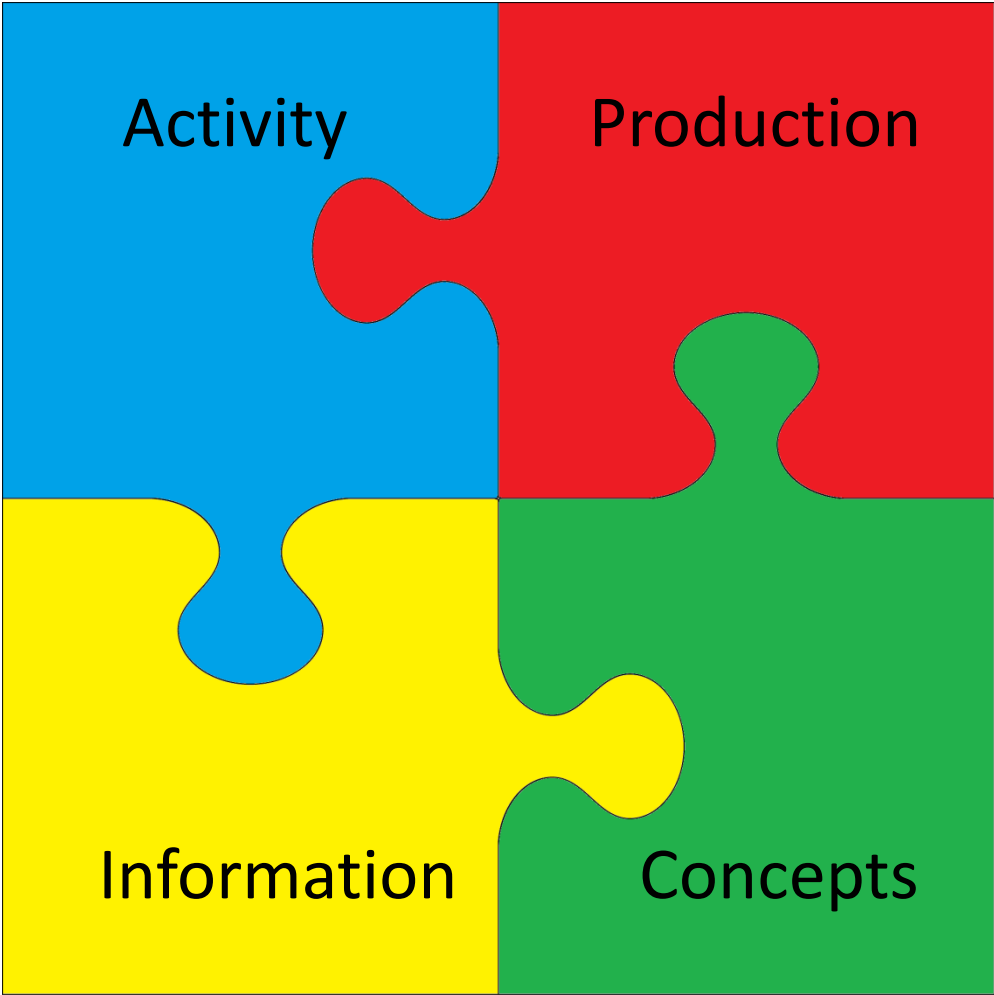
GSIM is not a software tool:
it is a new way of thinking



REFERENCE STANDARDS/MODELS

IMPLEMENTATION SYNTAXES/TOOLS





GSIMPROJECT



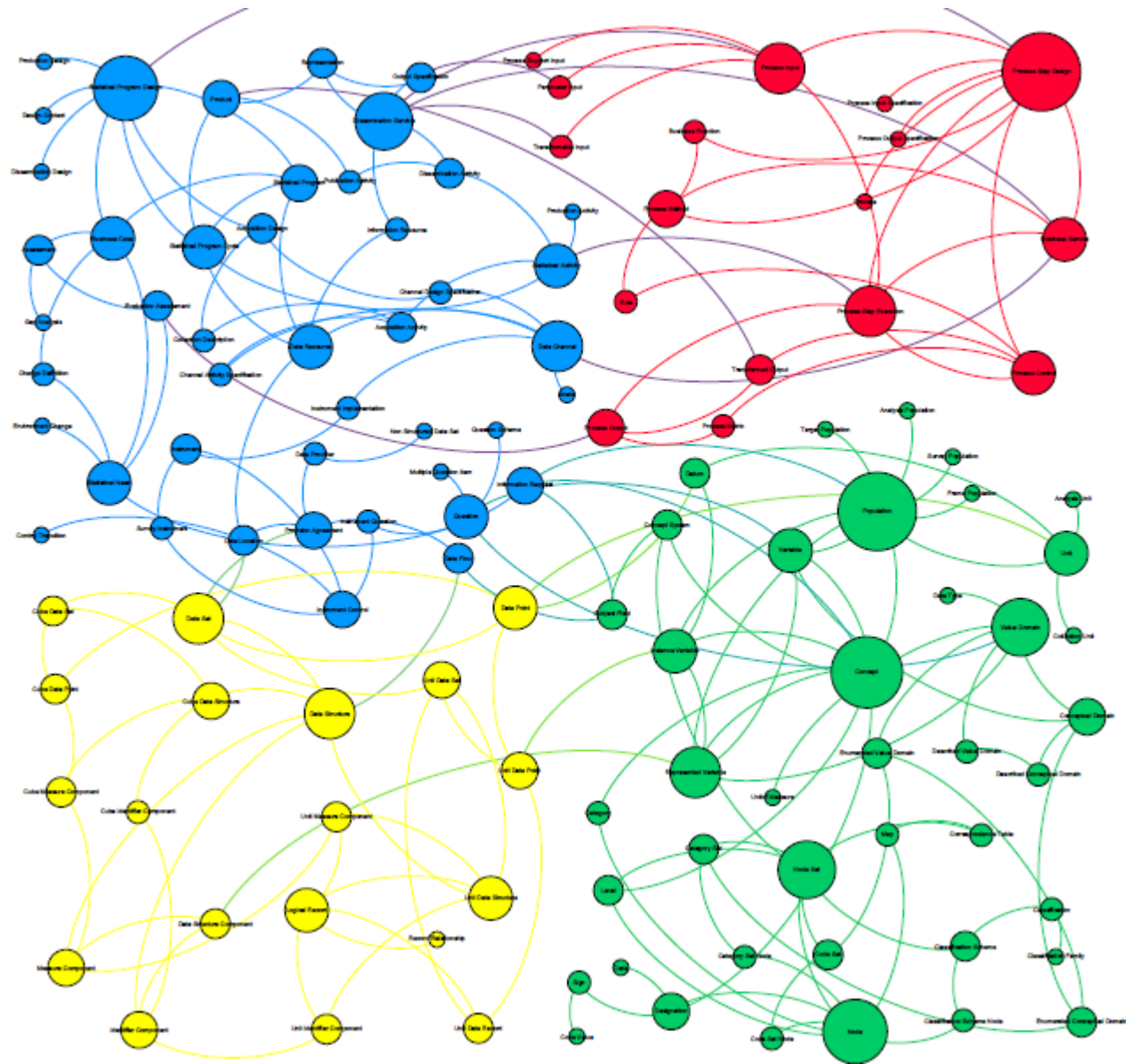
GSIM v0.8

Activity	Production	Conceptual	Information
Information Request	Process Step Execution	Concept	Cube Data Structure
Change Definition	Process Step Design	Classification	Unit Data Structure
Business Case	Process Control	Code Value	Cube Data Set
Statistical Program	Process Input	Level	Unit Data Set
Statistical Program Design	Process Output	Variable	Cube Data Point
Statistical Program Cycle	Business Function	Value Domain	Unit Data Point
Data Resource	Process Method	Population	Record Relationship
Data Provider	Rule	Unit	Dimension Component
Data Channel	Business Service		Measure Component
Provision Agreement			
Instrument			

The above table presents a selection of objects associated with each Group



GSIMPROJECT



GSIMPROJECT

SUCCESS



GSIM: The “sprint” approach

- The HLG-BAS decided to accelerate the development of the GSIM
- “Sprints” – 2 week workshops for 10-12 experts (IT, methodology, statistics, ...)
- Sprint 1 – Slovenia, February 2012
- Sprint 2 – Republic of Korea, April 2012





Study Methodology

Study series

Process

Process instance

Execution

Data Collection

Data sources

Component

Production

Notes

Study — Events



조영실
관계자외출입금지



Leechul Bae



Creating the Specification

- 28 people working virtually across four teams for 3 months.
- Integration Workshop, Netherlands, September 2012



GSIMPROJECT

Moving to GSIM in practice

- Common terminology across and between statistical agencies.
- It allows NSIs and standards bodies, such as SDMX and DDI, to understand and map common statistical information and processes.
- Standards-based modernisation envisages that maximum benefit will accrue, if GSIM is implemented together with GSPBM or local business processes.

Moving to GSIM in practice

GSIM could lead to:

- A foundation for standardized statistical metadata use throughout systems
- A standardized framework to aid in consistent and coherent design capture
- Increased sharing of system components



What is required to implement GSIM?

- For NSIs to realise these strategic and business benefits, a critical mass will need to collaborate, adopt and use GSIM.
- It is assumed each NSI will determine the level and scope of uptake for GSIM within their existing Executive decision and governance processes.



Current focus of project

- Focus on
 - Communications
 - Training materials
- Release of GSIM v1.0 in December 2012



More information

- GSIM
 - [http://www1.unece.org/stat/platform/display/metis/Generic+Statistical+Information+Model+\(GSIM\)](http://www1.unece.org/stat/platform/display/metis/Generic+Statistical+Information+Model+(GSIM))

