

Development of Generic Services @ Statistics Netherlands

A New Governance with New Sharing Opportunities?

ModernStats World Workshop

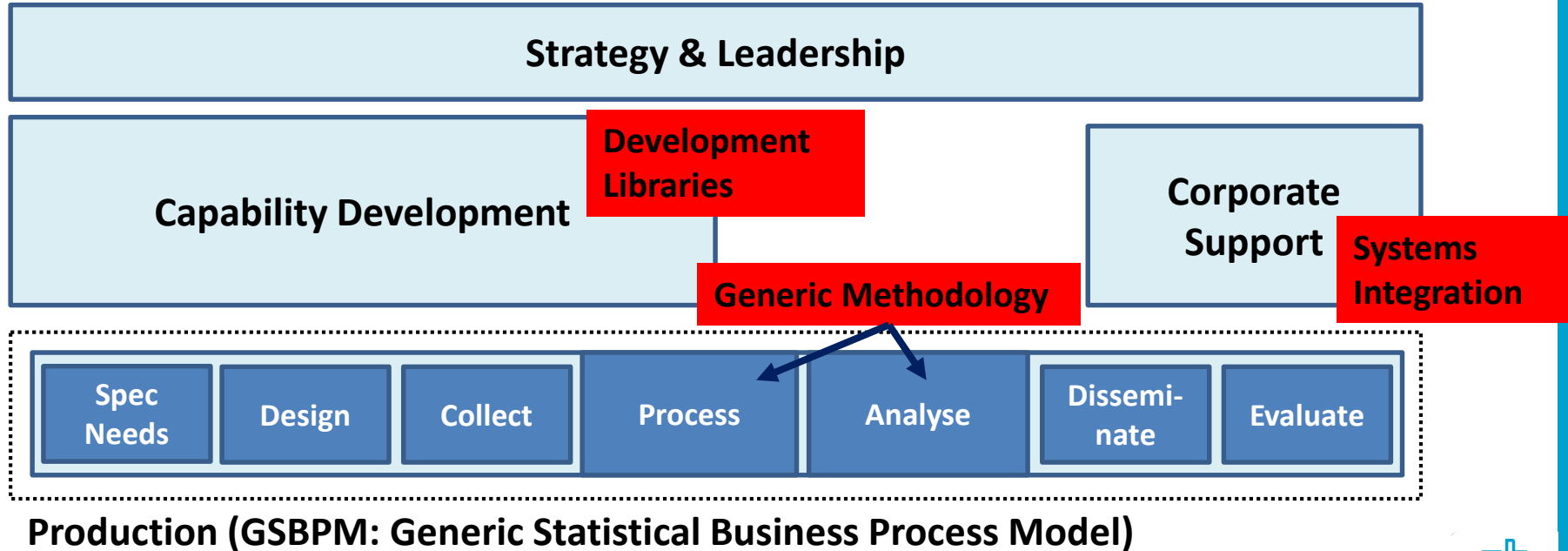
June 2019

CBS Agile Transition: A New Governance

- Since 2018, **all** processes within Statistics Netherlands have been grouped in **Value Streams**
- Each Value Stream has a **permanent, dedicated** Agile Software Development team
- In addition, a dedicated team was created to build and maintain **Generic Services** for all value streams
- The Generic Services Team:
 - Puts methodological experiments and prototypes to production
 - Transforms specific solutions to generic solutions
 - Might be the link to international sharing initiatives



Scope of Generic Services in GAMSO terms



 : Scope of the Generic Services Team

Incorporating CSPA in the Definition of Done

Language:

- User interfaces are either in English or can be configured for specific languages;
- Source code is written in English;
- User and support documentation is at least available in English.

Dependencies:

- Software only depends on publicly available components (open source or industry standards);
- Parts of the software that depend on specific technologies (like database servers, operating system functions) are separated from the core of the software that executes a statistical function (= infrastructure abstraction).

Interoperability:

- Inputs and outputs of the software comply with open standards (like REST);
- Statistical concepts in inputs and outputs align with the definitions in GSIM.

Openness:

- Software is available as open source and can be reused according to an open source license;
- Major releases are added to the CSPA Catalogue



Generic Services: Current Backlog

Backlog Item	GSBPM	Business Value
Rule based derivation of variables	5.5 Derive new variables and units	6
Automatic editing	5.4 Edit and impute	4
Calculation of weights	5.6 Calculate weights	4
Macro-editing	6.2 Validate Outputs & 5.4 Edit and impute	4
Webscrapers	4.2 & 4.3 Setup and run collection	3
Validation and postprocessing for dissemination	6.2 & 6.3 Validate, interpret and explain results	2
Seasonal adjustment	6.1 Prepare draft outputs	1

