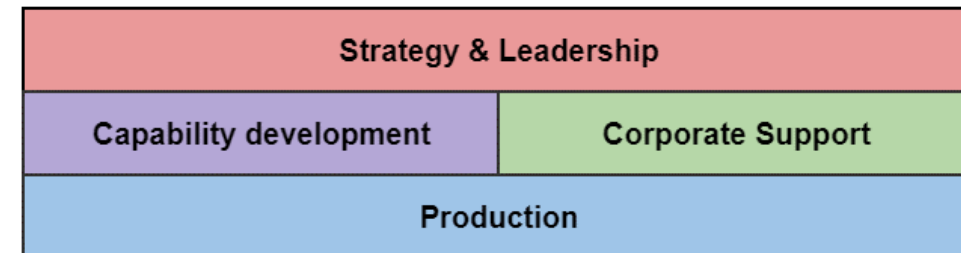


Introducing Statistical Standards -GAMSO

Marina Signore

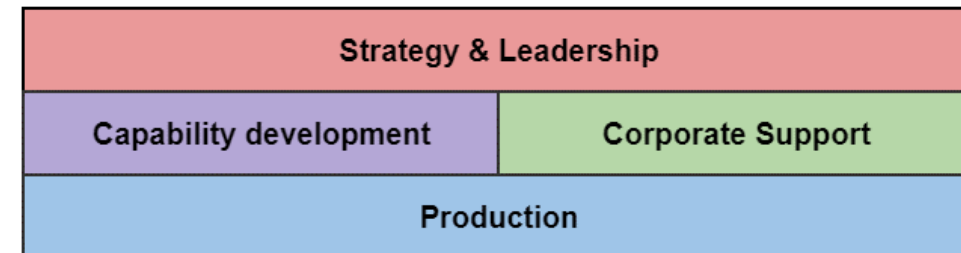
Modernstat Workshop 26-28 June 2019

Generic Activity Model for Statistical Organisations - GAMSO



Generic Activity Model for Statistical Organisations - GAMSO

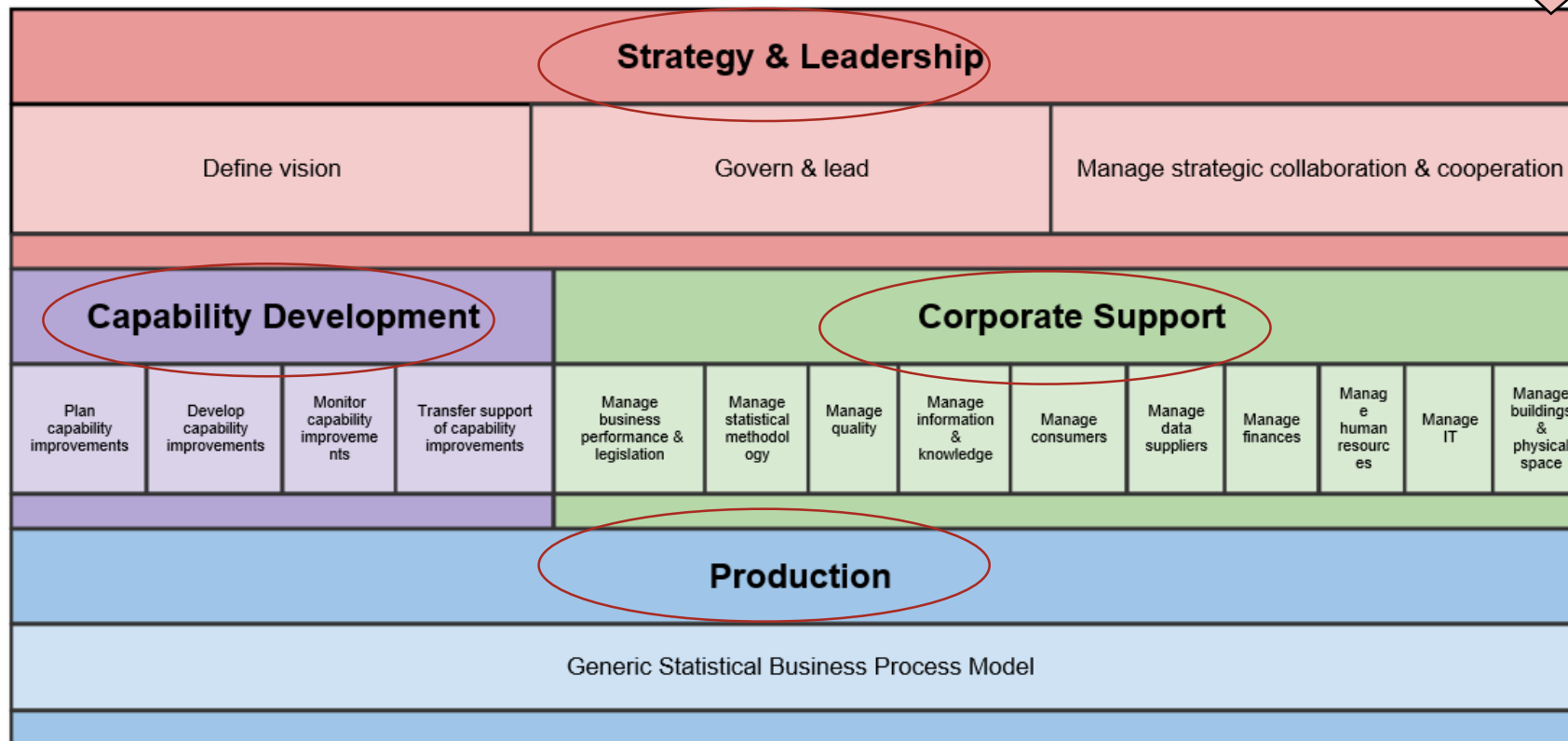
It describes and defines the activities that take place within a typical statistical organization. It **extends and complements** the Generic Statistical Business Process Model (GSBPM) by **adding additional activities** needed to **support** statistical production



GAMSO

- ✓ Current version v1.2 - 2019
- ✓ First release v1.0 - March 2015

- four **activity areas**
- three hierarchical levels



Definitions for GAMSO

Activity is what we do.

- An activity is something that occurs over a period of time and acts upon or with entities; it may include consuming, processing, transforming, modifying, relocating, using, or generating entities. (Source PROV-O)
- Activities are grouped into 4 activity areas i.e. Strategy and leadership, Capability management activities, Corporate support and Production.

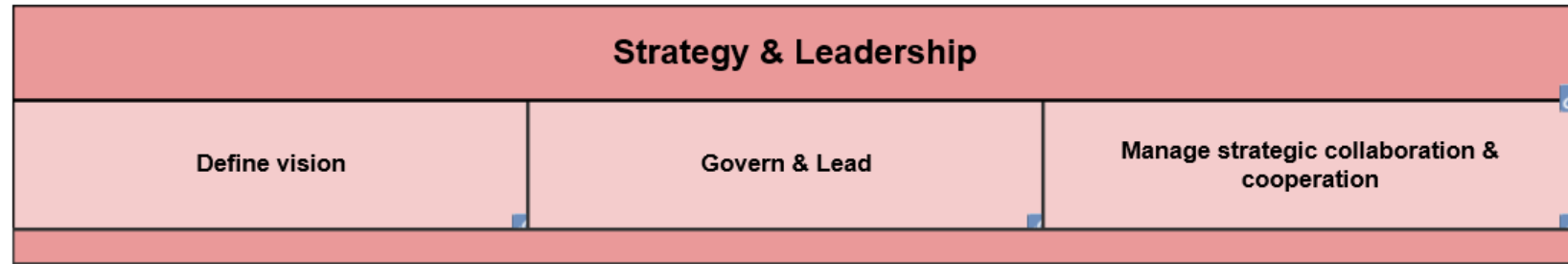
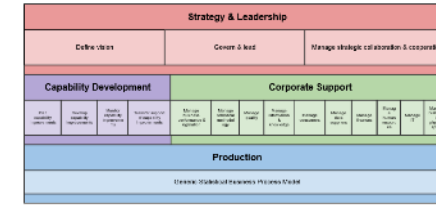
Capability is what enables us to do an activity.

- An ability that an organisation, person, or system possesses. Capabilities are typically expressed in general and high-level terms and typically require a combination of organisation, people, processes, and technology to achieve. (Source The Open Group Architecture Framework (TOGAF).)
- Capabilities provide the agency with the ability to undertake a specific activity. A capability is only achieved through the integration of all relevant capability elements (e.g. methods, processes, standards and frameworks, IT systems and people skills).

Process is how we do an activity

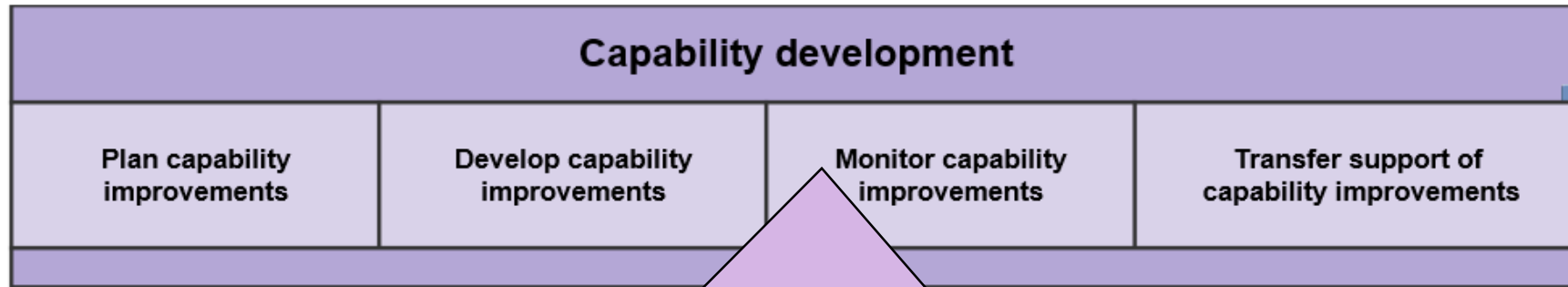
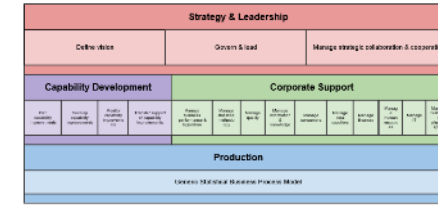
Strategy and leadership

high-level strategic activities that enable statistical organisations to deliver the products and services needed by governments and communities nationally and internationally



- Understand national and international needs, directions and factors, determine vision, mission and strategic goals
- The development of strategies to achieve the goals and directions set under *Define vision*.
- Collaboration, cooperation and coordination with other statistical organisations and other external stakeholders

Capability Development

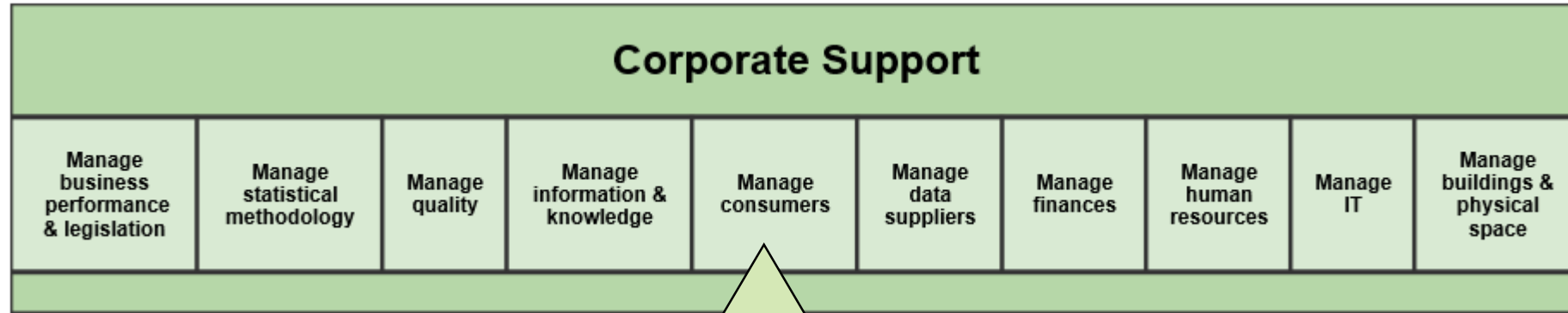


support the successful development and monitoring of the capabilities that underpin an organisation's ability to conduct its business.

Promoting the re-use and sharing of infrastructure (statistical and technical), both inside the organisation and across organisations, thus facilitating harmonisation and coherence of statistical outputs.

Corporate Support

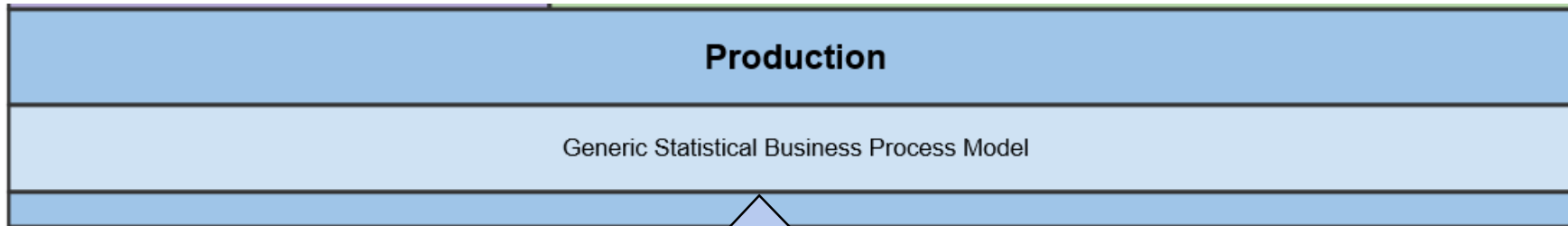
Strategy & Leadership											
Define vision			Govern & lead			Manage strategic collaboration & cooperation					
Capability Development			Corporate Support								
Plan business strategy	Develop business strategy	Implement business strategy	Monitor business strategy	Review business strategy	Update business strategy	Plan corporate strategy	Develop corporate strategy	Implement corporate strategy	Monitor corporate strategy	Review corporate strategy	Update corporate strategy
Production											
University Statistical Modelling Platform Model											



These activities cover the cross-cutting functions required by the organisation to deliver its work programme efficiently and effectively

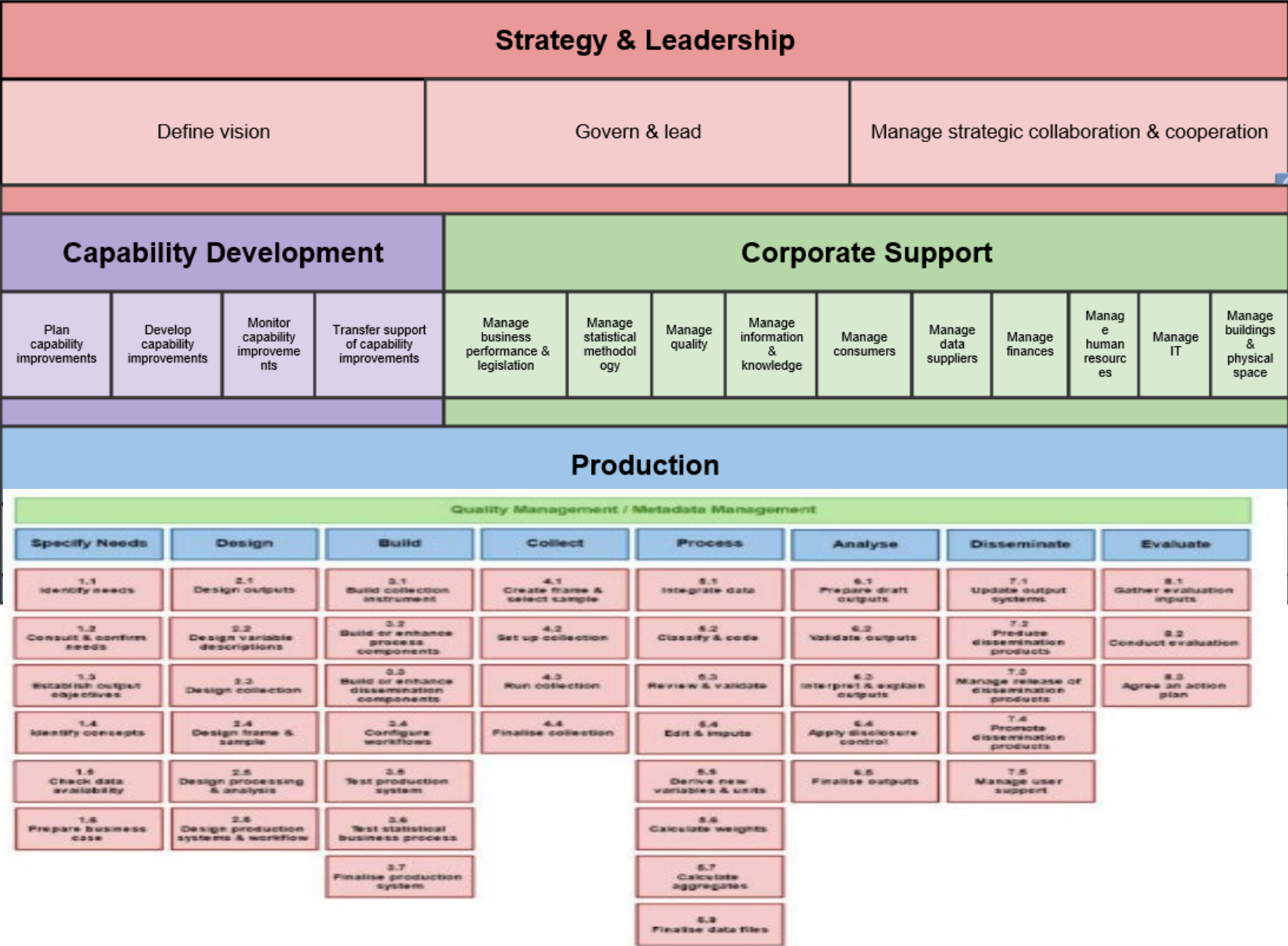
Production

Strategy & Leadership											
Define vision				Govern & lead				Manage strategic collaboration & cooperation			
Capability Development						Corporate Support					
Business Strategy	Business Model	Business Processes	Business Capabilities	Business Resources	Business Risks	Business Opportunities	Business Challenges	Business Constraints	Business Enablers	Business Outcomes	Business Impacts
Production											
Generic Statistical Business Process Model											



- Covers all steps necessary to manage, design and implement statistical production processes or cycles, including surveys, collections based on data from administrative or other sources and account compilations. They deliver the outputs approved under *Strategy and leadership*, utilizing the capabilities developed under *Capability development* and the resources managed under *Corporate Support*.

GAMSO and GSBPM



How to use GAMSO

Common vocabulary and framework

- basis for resource planning within a statistical organisation
- basis for the measurement of costs of producing official statistics in a comparable way
- support risk management systems