GAMSO – Generic Activity Model for Statistical Organisations

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GAMSO, SN-BAM & GSBPM

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The Generic Activity Model for Statistical Organizations (GAMSO) draws heavily on two existing models:

- The GSBPM (Version 5.0), which provides the contents of the "Production" area
- **The Statistical Network Business Activity Model (SN-BAM), which provides the basis for the "Strategy", "Capability" and "Corporate Support" areas.**

The Generic Activity Model for Statistical Organizations (GAMSO) is fully coherent with the GSBPM Version 5.0. It is approximately 80% coherent with the SN-BAM.

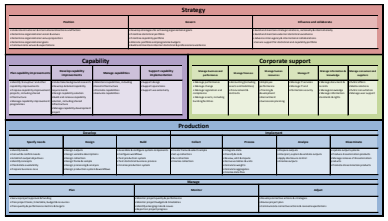
"Develop capability improvements" is defined more narrowly in GAMSO to include just those capability improvements that are common to several statistical business processes. Capability improvements specific to one statistical business process are included in 4.1.3 "Build".

Statistical Network Business Architecture (SN BA) Project - Business Activity Model

Common organizing view of an NSI

Members of SNBA Project: ***2012-2014***

Rob McLellan (Canada)
Nadia Mignolli (Italy)
Jenny Linnerud (Norway)
Rosemary McGrath (New Zealand)
Eden Brinkley, Sebastian Dubrovsky (Australia)



SN-BAM & GAMSO

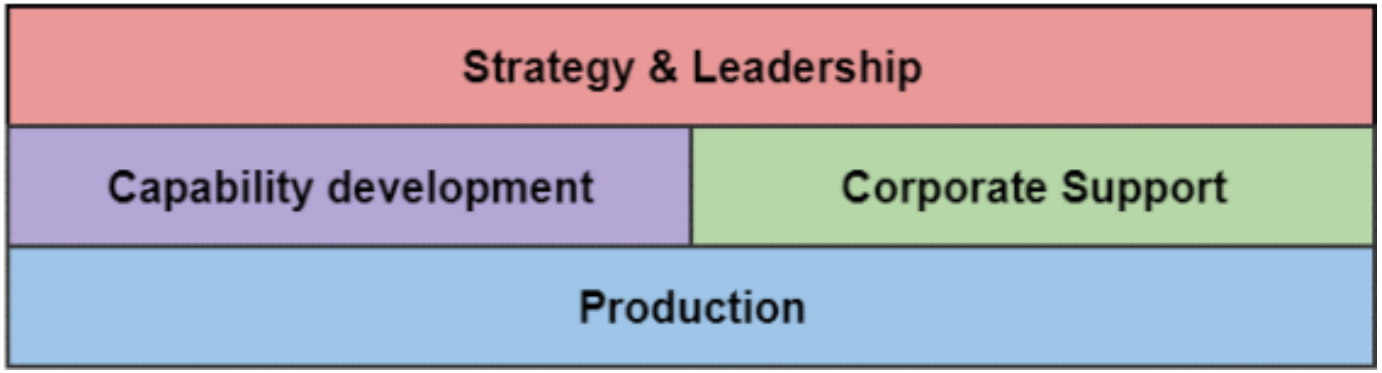
Target audience:

Designed to cover the whole of an NSI, so everyone working in the organisation can find their place(s) in the model and see where they are contributing to the big picture.

Aim:

An activity model that provides a 'common organizing view of an NSI’

4 activity areas:



GAMSO & GSBPM

• GAMSO extends and complements the Generic Statistical Business Process Model (GSBPM) by adding additional activities needed to support statistical production.

• When GSBPM was developed, such activities were referred to as over-arching processes, and were listed, but not elaborated in any great detail.

• Over the years there were several requests to expand the GSBPM to better cover these activities. GAMSO was developed to meet these needs.

Activity areas

Strategy and leadership

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

The activities influence, shape and drive future directions and investments through the development and consideration of high-level strategies to develop organisational capabilities and the statistical product and service portfolio.

Corporate support

These activities support standardisation. They cover the cross-cutting activities required by the organisation to deliver its work programme efficiently and effectively. When a capability improvement is fully integrated in Production, its support is transferred to one or more activities of Corporate Support.

Activity areas

Capability development

Includes research, development and innovation activities i.e. the development of capabilities that enable the organisation to undertake new activities, or to improve the efficiency of existing ones. It promotes the re-use and sharing of infrastructure (statistical and technical), both inside the organisation and across organisations, to facilitate harmonisation and to improve the coherence of statistical outputs.

Production

Covers all steps necessary to design, implement and manage 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.

Design considerations

The four activity areas are designed to:

- be futuristic, and support needs for at least the next 5 years
- give focus on those activities which need either increased or explicit attention moving towards a 'future state'
- have activity names and descriptions that are intuitive to business areas
- have activities that are discrete and non-overlapping with other activities in the model wherever practical
- have activities that can be undertaken in any order - there is no set or prescribed sequence of activities
- be independent of organisational structure or lines of management and distribution of human resources.

How can it be used?

The model:

- supports business re-engineering activity
- facilitates implementation of Enterprise Architecture design principles and an ‘assemble to order’ or Service Oriented Architecture approach to delivering services
- supports organizational planning and governance
- supports production cycle and project planning and scheduling
- promotes a common language that staff both within and across NSIs can relate to and are comfortable to use
- facilitates knowledge management in production cycles and other projects
- supports effort recording, a key metric for evaluating expenditure on different activities across an NSI.

Further reading

Inconsistencies/missing

https://unece.org/fileadmin/DAM/stats/documents/ece/ces/ge.58/2016/mtg4/Paper_6_Eurostat_-_GAMSO_in_context.pdf

Use of ModStats Models

https://statswiki.unece.org/display/hlgbas/2021/10/20/Use+of+ModernStats+Models%3A+Progress+and+Way+Forward

Handbook on Management and Organization of National Statistical Systems

https://unstats.un.org/capacity-development/handbook/html/topic.htm#t=Handbook%2FCover%2FCover.htm