2.6 Design production systems and workflow

This sub-process determines the work flow from data collection to dissemination, taking an overview of all the processes required within the whole production process and ensuring that they fit together efficiently with no gaps or redundancies. Various systems and databases are needed throughout the process. The GSISP can be used as the basis of the business architecture layer when a statistical organisation has an existing enterprise architecture in place. The design might be adjusted to fit the organisation. A general principle is to reuse processes and technology across many statistical business processes, so existing production solutions (e.g., services, systems and databases) should be examined first to determine whether they are fit for purpose for this specific production process. Then, if any gaps are identified, new solutions should be designed. This sub-process also considers how staff will interact with systems and who will be responsible for what and when.

Quality indicators:
- Percentage of identified and documented GSISP processes (with sub-processes) with flows
- Specifications for production systems and workflow take into consideration the type of data being processed (respondent data or AIS or a combination)
- Percentage of Extent to which corporate solutions (e.g., tools, processes, technologies) are reused in subsequent phases and sub-processes
- Percentage of Extent to which responsibilities for subsequent phases and sub-processes have been set
- Estimated cost for producing and disseminate designed outputs
- Key Performance Indicators (KPIs)
- Percentage of Extent to which quality indicators are planned to be calculated for subsequent sub-processes
- Return on investment of GSISP
- Number of metadata consultations (MDS) within a statistical domain for a given time period
- Number of data tables within a statistical domain for a given time period

For details, see Quality indicators for GSISP (version 2.0)