

Data Governance framework for Vietnam General Statistical Office

Data Governance is a new term for GSO and line ministries. In Vietnam, so far, we do not have clear and common guidance on data governance. However, each ministry, agency has their own way to implement that meet their criterias (in which IT infrastructure system).

For GSO, since May 2020, we have re-organized our organization structure that Dept for Data collection and IT applications is newly formed with the responsibility of collecting data from various sources (including administrative and bigdata), managing, disseminating and making use of official statistics. The job related to formulating data governance framework, guidance the implementation. Our framework consists of 4 components: Organization Structure; Standards and Guidelines; Process; IT Infrastructure and Tool.

- There are 3 layers of our Organization Structure: Top management, Central management (Statistical staff and ICT staff); Local management (PSOs and DSOs).

- Standards and Guidelines: GSO built an Enterprise Architecture (EA) in 2011. However, it has not been upgraded eventhough standards and guidelines has been changed since then.

- Process: Data collection mode and data management have been changed since 2018, we now use CAPI and Webform instead of PAPI for surveys and censuses; Applying self administration instead of interviewing in some surveys. We are studying to investigate data from other sources likes administrative, bigdata.

- IT Infrastructure and Tool: Continuing upgrade IT infrastructure, using virtual server with cloud technique instead of physical servers; upgrading Data Unit into Data Center.

To take data governance into account, we are forming several related governmental projects in which GSO take the role of pooling data from various sources (ministries, local offices to private organizations); processing and disseminating. In which, 3 projects are under implementation.

There are some shortcomings that we are looking for assistance:

- To develop standards and guidelines.
- To process and explore Administrative data; bigdata for statistics purposes.
- To disseminate and share data including micro-data.