

2. Data Readiness

Data readiness assessment will be performed based on the availability of the data those are required for IMIS. The data requirements for IMIS were initially identified during the conceptualization phase and have since been continuously updated, incorporating insights gained from the preparation of CWIS planning TA (Technical Assistance) for different International Financial Institutions (IFIs) in Bangladesh (ADB, AIIB, IsDB, WB) and Nepal (WB). Data Requirements for IMIS (Appendix B) comprises a comprehensive list of data sets along with their descriptions, value proposition, data type (spatial/non-spatial), and usefulness for the outcomes and functions of the CWIS (Citywide Inclusive Sanitation). Additionally, the importance of each data set is categorized as either mandatory or good to have for effective planning, management, and monitoring of sanitation systems and services. The listed data sets required for IMIS are further divided into four main categories:

- Urban data: Data about the city's urban pattern, topography, environmental data, and related aspects.
- Sanitation data: Data pertaining to the sanitation system and services.
- Revenue data: Data related to revenue collection associated with sanitation services.
- Business operation data: Micro-level containment database and data generated during the process of delivering sanitation services.

These data sets are considered essential for fulfilling the core purpose of CWIS. However, it is important to note that data sets related to Solid Waste Management (SWM), is not included. During the data readiness assessment, available data layers (spatial/non spatial) will be scrutinized for presence/absence of required necessary attributes as well. All spatial data layers will be examined in GIS software to ascertain if data layers need further update or must be created again through a survey.

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