

Tools of Open Data Implementation in Local Government

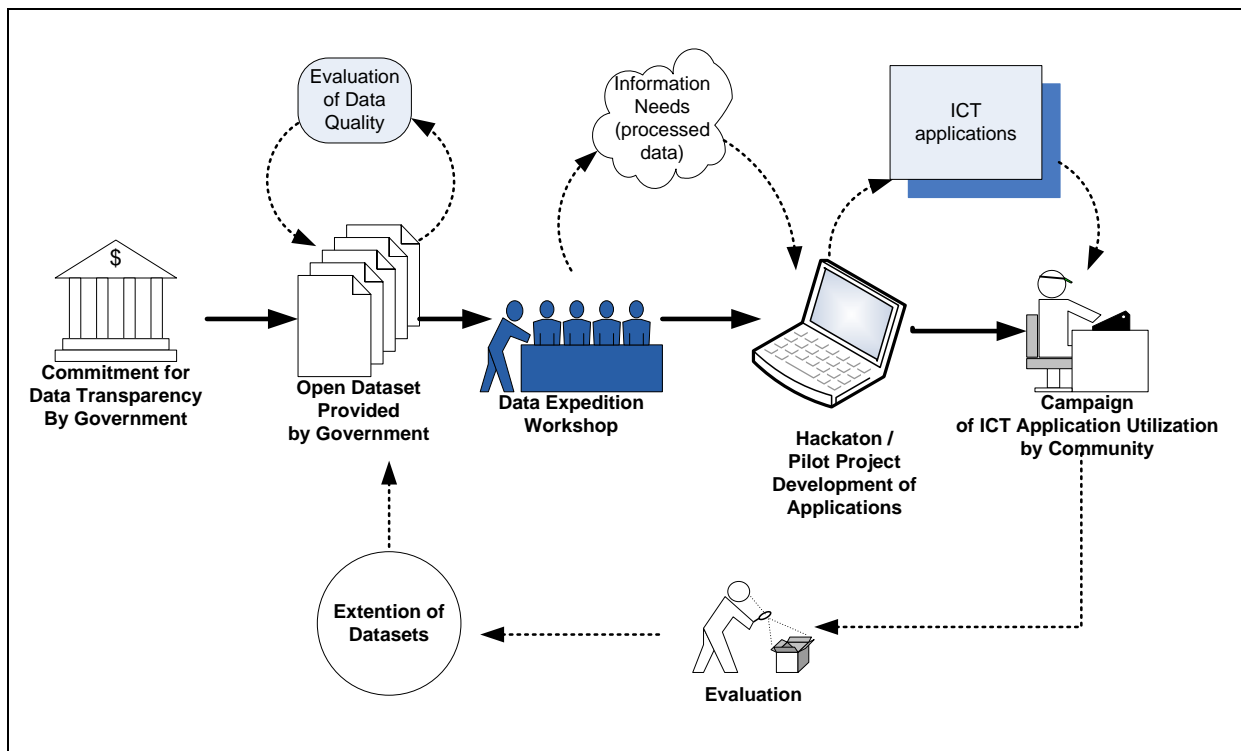
Goal

Improving usefulness of data that have been made transparent by local government by implementing Open Data, improving data quality, and improving community capacity in understanding data.

Objectives

1. To identify the condition of data availability at supply side and capacity of demand side in reading/understanding available data.
2. To improve quality of government data that have been published, so that it complies with criteria of Open Data (open, machine/computer readable, and have license that is usable for public).
3. To facilitate utilization of datasets opened by local government into ICT applications that can produce information that is needed by public.

Road Map



Actions

1. Helping local governments that implement public information transparency for **creating open data** using the implemented transparency as the basis.
2. **Building thematic datasets.** Helping local governments understand “dataset” concept, helping local governments provide and publish datasets on certain themes (such as local health dataset, education budget dataset, etc.), and giving inputs to ensure the data quality complies with Open Data criteria.
3. **Data Evaluation** as a part of assisting in dataset provision. Data evaluation is conducted to improve quality of data (provided by government) to ensure that data will be usable when it is published. Data evaluation includes:
 - Ensuring the scope of published data: (1) whether the scope includes all available data in the topic (if there is any exception, it should be followed by explanation) ; (2) whether the data in “computer readable” format; (3) whether the data has been permitted for being accessed and reused by public.
 - Conducting assistance for improvement of data quality, if possible. The assistance may include helping in re-typing *non computer readable* (such as PDF documents or text-scanned images) into *computer readable* data format (such as CVS or XLS).
4. **Data Expedition:** It is an activity to improve capacity of potential data users in understanding a dataset, understanding benefits of the data, and finding ideas of using the data. Data expedition may involve civil society organizations (CSO), press, and ICT developers (particularly Social Tech Community).
5. **Hackaton or Pilot Project of Application Development:** The activity of Hackaton (competition of developing ICT applications using available datasets) or Pilot Project of ICT application development is a practice of using datasets into ICT applications (in cellular phone or computer) that are usable for public. Example of these applications is cellphone application for tracking the health budget of local government.
6. **ICT Application Utilization Campaign:** Public may explore in utilizing datasets provided by government using applications that have been developed. This campaign is to make public aware of the available facilities and to make the applications effective for public’s needs.
7. **Evaluation:** This activity is to evaluate how Open Data practices are implemented through the abovementioned activities, utilized by society, and able to give impacts. The evaluation is also to assess other datasets that are need to be developed by local government in subsequent year.