Data Collecting Activity and Verification for Generating Credible GHG Inventory

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Abstract

Malaysia has been building a sustainable greenhouse gas inventory system since 2008. Continuous capacity building includes improving the activity data and emission factors data. Understanding the national data and then translating into an activity data was a challenge during the Second National Communication period. However, this has improved over the years.

Activity data is obtained from national statistic, national reports National Energy Balance, directly from private sectors and international databases. The collection, verification and quality control (QC) check of activity data was done through series of workshops with relevant data providers. In addition, focus discussion was also organized to obtain better activity data and in some cases emission factors.

Activity data for LULUCF sector is generated from a combination of data from national registry and verified through the geospatial images, levy or licenses issued. Additionally, these activity data are compared against international databases.

Two -track approach for quality assurance (QA) process is undertaken where the Project manager would verify the activity data against national data. Secondly, international experts are also appointed to verify the sectoral reports.