

Quality Assurance & Quality Control in Japan

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Japan's QA/QC procedures has installed to each step of the inventory preparation and development

- Inventory Planning
- Inventory Preparation including QA/QC
- Inventory Management
- Further Improvement



1. Inventory Planning

1-2. Institutional Arrangement for the Preparation of the GHG Inventories





Based on the Law Concerning the Promotion of Measures to Cope with Global Warming Greenhouse gas Inventory Office of Japan



- Current QA/QC plan was established 2nd February 2006 which is included in the report of the Estimation Method Committee (*only in Japanese*).
- Summary of the QA/QC plan is indicated in the Initial Report.
 - QC: conducted by the MOE (including GIO and consultants), as well as by other related agencies and organizations
 - QA: conducted by Japanese experts within the Committee for the Greenhouse Gases Emissions Estimation Methods



- ➢In the case that changes in the estimate are made, study is carried out in the Committee for the Greenhouse Gas Emissions Estimation Methods.
- ➤The prepared GHG inventories are circulated with electrical basis such as CD-ROM among the related ministries and after they have all confirmed and approved them.
- ➢If necessary, a report is also made to the Global Warming Prevention Headquarters.



1-5. Inventory Improvement Process





* The area shaded in grey shows the emissions and removals inventory preparation process.



2. Inventory Preparation including QA/QC

2-1. GHG Inventories Compilation Processes





2-2. GHG Inventories Compilation Processes (cont.)







3. Inventory Management



- Historical data on GHG inventories are archived in Electric Basis in GHG Inventory Office of Japan (GIO).
- ➤MOE, GIO and relevant ministries and organization have been responding to review processes and have been providing archived information.





4. Further Improvement



- ➢By definition quality assurance (QA) activities include a planned system of review procedures conducted by personnel not directly involved in the inventory compilation process, to verify that data quality objectives are met, ensure that the inventory represents the best possible estimate of emissions and sinks given the current state of scientific knowledge and so on.
- ➤We will establish further QA process in line with the definition above.
- ►ISO like document archive system is needed to establish.