



Session III: National System for Periodical National GHG Inventory Preparation Introduction

Kohei Sakai

***Greenhouse Gas Inventory Office of Japan (GIO)
National Institute for Environmental Studies (NIES)***

***11th Workshop on GHG Inventories in Asia
Tsukuba, Japan, 6th July 2013***

National system for Annex I Parties

- The following provisions are described in UNFCCC reporting guidelines on Annual inventories for Annex I Parties (Paragraph 41(a), (h), (i), UNFCCC/SBSTA/2006/9) ;
NIR should include;
 - ✓ Description of the institutional arrangement
 - ✓ Information on QA/QC (QA/QC plan and QA/QC activities)
 - ✓ Information on anticipated future improvement
- In addition, **structure of NIR** are indicated in the UNFCCC reporting guidelines;
 - 1.2 Description of the institutional arrangement
 - 1.6 Information on the QA/QC plan including verification
 - 10.4 Planned improvement to the inventory

National system for Annex I Parties

- Kyoto Protocol required each Annex I Party to have its **National System for GHG inventory preparation** in place by the end of 2006 (Article 5). (Decision 19/CMP.1 - Guidelines for National Systems)
- A “**National System**” includes everything relevant to national GHG inventory preparation.
 - ✓ Legal basis
 - ✓ Institutional Arrangements
 - ✓ Flow of the Inventory Compilation Process
 - ✓ Quality Assurance and Quality Control (QA/QC) of the Inventory
 - ✓ Inventory Improvement Plan
- This information is included in the NIR (National Inventory Report), as well as in the QA/QC plan.



For the future submission of BUR in Non-Annex I countries

- By decision 1/CP.16, paragraph 60 (b), the COP decided that **non-Annex I Parties** should submit their national communications every four years.
- In addition, the COP, by decision 2/CP.17, paragraph 41(f), further decided that **non-Annex I Parties** shall submit Biennial Update Reports (BUR) every two years.
- In the BUR, **non-Annex I Parties** provide information on national circumstances and institutional arrangements relevant to the preparation of the national communications on a continuous basis;



For the future submission of BUR in Non-Annex I countries

- Sustainable national system to prepare BUR and national GHG inventory continuously is needed in the near future.
- To conduct sustainable data collection and inventory preparation, long-term and inter-ministerial cooperation is important.



Discussion in past WGIA

- **WGIA 8 Inventory WG : Institutional Arrangement**
 - Most Asian countries face problems such as lack of continuity of inventory preparation.
 - Improvement of institutional arrangement for inventory preparation may be linked to institutional arrangement for estimating emission reduction from mitigation actions such as NAMA.
- **WGIA 6 GHG Inventory WG**
 - The importance of raising awareness about GHG Inventory, possible applications of inventory data, and promotion of information exchange was highlighted.
- **WGIA 5 Session II:**
 - Institutional Arrangements for National Inventory System**
 - The importance of promoting awareness of the additional benefits of statistical data is important to motivate relevant ministries/agencies to develop sustainable data collection schemes was highlighted.

Topics & Schedule

Day 2, 6th July (Sat.)

14:00-14:05	Introduction	Mr. Kohei Sakai (GIO)
14:05-14:20	Korea's National System and GHG Inventory in 2010	Dr. Sang-won Lee (Korea)
14:20-14:35	Development of National GHG Inventory System: The Malaysia Experience	Mr. Mohd Famey Bin Yusoff (Malaysia)
<i>14:35-14:50</i>	<i>Discussion</i>	<i>All</i>
14:50-15:05	National GHG Inventory Development and History of Thailand's National System	Ms. Wasinee Wannasiri (Thailand)
15:05-15:20	The Development of Japan's National System	Ms. Elsa Hatanaka (GIO)
<i>15:20-15:45</i>	<i>Discussion</i>	<i>All</i>

Now, let's start this session!!

