



## Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia-Pacific and the Eastern European Regions

Organized by the UNFCCC Secretariat in collaboration with the Technical Support Unit of the IPCC Task Force on National Greenhouse Gas Inventories and the Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention

Incheon, Republic of Korea  
5-9 September 2016

### Monday, 5 September 2016

08:00 - 09:00 **Registration**

#### *Session 1 – Opening*

09:00 - 10:00 **Opening session**

- Welcome remarks – Mr. William Agyemang-Bonsu, Manager, UNFCCC Secretariat
- Keynote address – Mr. Min-ho Lee, Deputy Minister, Republic of Korea Ministry of Environment
- Self-introduction by participants

10:00 – 10:30 - Presentation of workshop objectives, expectations and agenda – Mr. Dominique Revet, UNFCCC Secretariat

10:30 - 10:45 *Coffee break*

#### *Session 2 – The Key Role of the National GHG Inventory Management System*

10:45 - 11:15 - CGE Handbook on Building Sustainable National GHG Inventory Management Systems

11:15 - 11:35 - Country Presentation: Republic of Korea

11:35 - 12:30 - US-EPA Template Workbook on Developing a National GHG Inventory System

- Institutional arrangements for national inventory systems

12:30 - 14:00 *Lunch break, DSA Payment*

#### *Session 2 – The Key Role of the National GHG Inventory Management System (cont)*

14:00 - 14:30 - US-EPA Template Workbook on Developing a National GHG Inventory System

- Practice of the Institutional Arrangements Template
- Exercise #1

14:30 - 15:30 - General discussion on the experience of countries in establishing their institutional arrangements for national GHG inventories

15:30 - 15:50 *Coffee break*

#### *Session 2 – The Key Role of the National GHG Inventory Management System (cont)*

15:50 - 16:10 - Country Presentation: Cook Islands

16:10 – 17:30 - US-EPA Template Workbook on Developing a National GHG Inventory System

- Methods and Data Documentation Presentation
- Practice of the Methods and Data Documentation Template

18:00 Welcome Reception hosted by K eco for all participants (Grand Ballroom 1)



**Tuesday, 6 September 2016**

**Session 2 – The Key Role of the National GHG Inventory Management System (cont)**

- 09:00 - 9:20 - Country Presentation: Papua New Guinea
- 9:20 - 10:45 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Quality Assurance and Quality Control (QA/QC) Presentation
  - Practice of the QA/QC Template
  - Exercise #2
- 10:45 - 11:00 *Coffee break*
- 11:00 - 12:30 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Archiving Documentation Presentation
  - Practice of the Archiving Template
- 12:30 - 14:00 *Lunch break*
- 14:00 - 14:20 - Country Presentation: India
- 14:20 - 15:30 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Key Category Analysis Presentation
  - Practice of the Key Category Analysis Template
  - Exercise #3
- 15:30 - 15:45 *Coffee break*
- 15:45 - 16:45 - US-EPA Template Workbook on Developing a National GHG Inventory System
- National Inventory Improvement Plan Presentation
  - Exercise #4
- 16:45 - 17:30 - Group Discussion:
- experience of countries in using the proposed templates to support the establishment/refinement of their national GHG inventory management systems
  - action plan for disseminating and utilizing proposed templates

**Wednesday, 7 September 2016**

**Session 3 – 2006 IPCC Guidelines - General guidance and reporting**

- 09:00 - 10:30 - Overview of 2006 IPCC Guidelines for national greenhouse gas inventory – including differences between Revised 1996 and the 2006 IPCC Guidelines
- Uncertainty analysis
  - Key category analysis
  - Questions and answers
- 10:30 - 10:45 *Coffee break*
- 10:45 - 12:30 **2006 IPCC Guidelines - General guidance and reporting (cont)**
- Introduction to the IPCC software and Emission Factor Database (EFDB)
  - Hands-on session on EFDB
  - Introduction to the IPCC Inventory software



- Installation of the IPCC software

12:30 - 14:00 *Lunch break*

**Session 4 – Methodology on each sector (two break-out Groups in parallel: Group A on Energy, IPPU and Waste, Group B on AFOLU)**

14:00 - 15:45

**Session 4A1: Energy Sector**

- Energy sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

**Session 4B1: Agriculture Sector**

- Agriculture sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

15:45 - 16:00 *Coffee break*

16:00 - 16:20

- Country Presentation: Philippines

- Country Presentation: Malaysia

16:20 - 18:00

**Session 4A1: Energy Sector**

- Energy sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

**Session 4B1: Agriculture Sector**

- Agriculture sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

**Thursday, 8 September 2016**

**Session 4 – Methodology on each sector (cont.)**

08:00 - 10:00

**Session 4A2: Industrial Processes and Product Use**

- Industrial Processes and Product Use sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

- Country Presentation: Korea

**Session 4B2: Forestry and Other Land Use Sector**

- Forestry and other land use sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

10:00 - 10:15 *Coffee break*

10:15 - 12:30

**Session 4A2: Industrial Processes and Product Use (cont.)**

- Industrial Processes and Product Use sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector
- Country Presentation: India

**Session 4B2: Forestry and Other Land Use Sector (cont.)**

- Forestry and other land use sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

12:30 - 14:00 *Lunch break*

14:00 - 15:45

**Session 4A3: Waste**

- Waste sector – source categories, methodology and improvement under 2006 methodology
- Hands-on session on the IPCC software based on an exercise for the sector

- Country Presentation: Indonesia
- Session 4B2: Forestry and Other Land Use Sector**

- Hands-on session on the IPCC software based on an exercise for the sector – continued



15:45 - 16:00	<i>Coffee break</i>	
16:00 - 18:00	<b>Session 4A3: Waste (cont.)</b> <ul style="list-style-type: none"><li>- Waste sector – source categories, methodology and improvement under 2006 methodology</li><li>- Hands-on session on the IPCC software based on an exercise for the sector</li></ul>	<b>Session 4B2: Forestry and Other Land Use Sector (cont.)</b> <ul style="list-style-type: none"><li>- Hands-on session on the IPCC software based on an exercise for the sector – continued</li></ul>

**Friday, 9 September 2016**

***Session 5 – Integration of work done for each sector***

- 8:00 - 10:00
- Simulation exercise on inventory compilation using the IPCC Inventory Software
  - Key category analysis using the IPCC Inventory Software
  - Uncertainty analysis using the IPCC Inventory Software

10:00 - 10:15 *Coffee break*

***Integration of work done for each sector (cont.)***

- 10:15 - 12:30
- Producing reporting tables using the IPCC Inventory Software
  - Time series consistency
  - Hands-on session on ensuring time-series consistency using an Excel file

12:30 - 14:00 *Lunch break*

***Session 5 – Integration of work done for each sector (Cont.)***

- 14:00 - 15:30
- Hands-on session on ensuring time-series consistency using an Excel file (Cont.)
  - Questions and answers (overall)

15:30 - 15:45 *Coffee break*

***Session 6 - Closing (Moderated by the UNFCCC Secretariat)***

- 15:45 - 16:15
- Discussion on lessons learnt throughout the workshop
  - Closing remarks
  - Workshop evaluation