



## 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 Latin America and Caribbean Region

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

Panama City, Panama  
6–10 June 2016

### Monday, 6 June 2016

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

#### Session 1 – Opening

09:00 - 9:40 **Opening session**

- Welcome remarks – Mr. Dominique Revet, UNFCCC Secretariat
- Keynote address – Ms. Mirei Endara, Minister of Environment of Panama
- Self-introduction by participants
- Presentation of workshop objectives, expectations and agenda – Mr. Dominique Revet, UNFCCC Secretariat

09:40 - 10:00 **Coffee break**

#### Session 1 – Opening (cont):

- 10:00 – 11:00 - Country Presentations
- Chile
  - Mexico
  - Panama
  - Trinidad and Tobago

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

- 11:00 - 11:30 - CGE Handbook on Building Sustainable National GHG Inventory Management Systems
- 11:30 - 12:25 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Institutional arrangements for national inventory systems

12:25 - 12:30 UN Security Video

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

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

- 14:00 - 16:15 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Practice of the Institutional Arrangements Template
- General discussion on the experience of countries in establishing their institutional arrangements for national GHG inventories

16:15 - 16:30 **Coffee break**



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

- 16:30 – 18:00 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Methods and Data Documentation Presentation
  - Practice of the Methods and Data Documentation Template

**Tuesday, 7 June 2016**

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

- 09:00 - 10:30 - 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

10:30 - 10:45 *Coffee break*

- 10:45 - 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 - 15:30 - US-EPA Template Workbook on Developing a National GHG Inventory System
- Key Category Analysis Presentation
  - Practice of the Key Category Analysis Template

15:30 - 15:45 *Coffee break*

- 15:45 - 18:00 - US-EPA Template Workbook on Developing a National GHG Inventory System
- National Inventory Improvement Plan Presentation
  - Group Discussion: experience of countries in using the proposed templates to support the establishment/refinement of their national GHG inventory management systems
  - Group Discussion: action plan for disseminating and utilizing proposed templates

**Wednesday, 8 June 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*

**2006 IPCC Guidelines - General guidance and reporting (cont)**

- 10:45 - 12:30
- 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	<b>Session 4A1: Energy Sector</b> <ul style="list-style-type: none"><li>- Energy 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 4B1: Agriculture Sector</b> <ul style="list-style-type: none"><li>- Agriculture 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>
15:45 - 16:00	<i>Coffee break</i>	
16:00 - 18:00	<b>Session 4A1: Energy Sector</b> <ul style="list-style-type: none"><li>- Energy 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 4B1: Agriculture Sector</b> <ul style="list-style-type: none"><li>- Agriculture 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>

**Thursday, 9 June 2016**

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

08:00 - 10:00	<b>Session 4A2: Industrial Processes and Product Use</b> <ul style="list-style-type: none"><li>- Industrial Processes and Product Use 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</b> <ul style="list-style-type: none"><li>- Forestry and other land use 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>
10:00 - 10:15	<i>Coffee break</i>	
10:15 - 12:30	<b>Session 4A2: Industrial Processes and Product Use (cont.)</b> <ul style="list-style-type: none"><li>- Industrial Processes and Product Use 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>- Forestry and other land use 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>
12:30 - 14:00	<i>Lunch break</i>	
14:00 - 15:45	<b>Session 4A3: Waste</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</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>
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, 10 June 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*

10:15 - 12:30 ***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 Mr. Dominique Revet, UNFCCC Secretariat)***

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