

# **Summary of Session I: NC updating and discussion on WGIA- activity**

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*The 10<sup>th</sup> Workshop on GHG Inventories in Asia (WGIA10)  
10-12 July 2012, Hanoi, Viet Nam*

# Introduction

- The session was held for considering the future activities of WGIA member countries and the WGIA Secretariat through reviewing the followings:
  - ✓ outcomes of COP16, 17, etc.,
  - ✓ progress made by the WGIA member countries, and
  - ✓ WGIA-activity since 2003.
- The latest news in regard to the completion of SNC and TNC were reported by India and Republic of Korea, respectively.

# Presentations

- Update on non-Annex I National Communications
  - Dominique Revet (UNFCCC Secretariat)
- Update on India' s National Communication
  - Sumana Bhattacharya (India)
- Korea's 3rd NC and GHG Inventory in 2007
  - Sangwon Lee (Republic of Korea)
- Decisions taken in COP16 and 17
  - Elsa Hatanaka (GIO, Japan)
- Review the past, Proposal for the future of WGIA-activity
  - Junko Akagi (GIO, Japan) *Presented on 12 July*

# Update of UNFCCC negotiations

- The UNFCCC Secretariats presented the outcomes of COP16 and 17, etc. and shared information, which is considered as important for NAI Parties for planning future inventories.
- Background information for these enhanced reporting requirements for both developed countries and developing countries were supplemented by the WGIA Secretariat for reference, and new requirements decided for AI Parties, such as BRs, IAR, and AI Inventory Reporting Guidelines were also explained.
- Submissions of NC and BUR
  - **NC: Every 4 years**  
*Base year for the reporting of next NC has not been determined, and may be different depending on country situations.*
  - **BUR: Every 2 years (1<sup>st</sup> submission date: by December 2014)**  
*“shall cover, at a minimum, the inventory for the calendar year no more than 4 years prior to the date of submission or more recent years if information is available”*
- The following matters are also covered in the Secretariats’ presentations:
  - Consultative Group of Experts (CGE)
  - Financial and Technical (F&T) Support
  - International Consultation and Analysis (ICA)

# Update of UNFCCC negotiations (Cont.)

- Establishment of institutional arrangements is crucial for frequent inventory preparation.
- According to the guidelines for NAI NCs (Dec. 17/CP.8), use of the Revised 1996 GLs is minimum requirement for NAI Parties to prepare inventory. The two GPGs and latest GLs are encouraged to use. This is up to the Party's decision.
- The UNFCCC Secretariat encouraged the WGIA member countries to apply funding before completion of NCs for the next NCs to avoid the lack of continuity.
- For the e-learning program, though it has not decided yet, it is likely that the updated CGE training materials (available on the web) are used. For establishing institutional arrangements, the materials should provide hints.
- Summary table in the CP8's guidelines is getting old. The update of the table would be considered in future COPs.
- The application of fund (including that for BURs) is simple and straightforward. See the URL in green indicated in Mr. Revet's presentation (Session I).

# NC submissions by member countries

India and Republic of Korea submitted their latest NCs recently.

- India (SNC) May 2012

- Well-organized institutional arrangement

- MOEF is in charge of inventory
- 31 institutions are involved in the national GHG inventory preparation

- Korea (TNC) Nov. 2011

- Well-organized institutional arrangement

- MOE is in charge of inventory
- GIR established in 2011 is responsible for preparing inventory

- The Framework Act on Low Carbon, Green Growth enacted in 2010

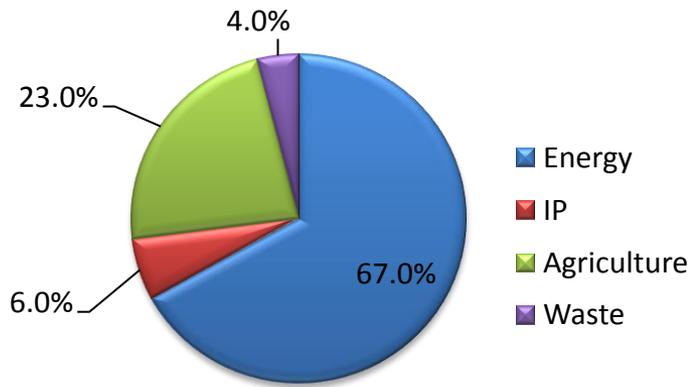
- Plans to submit the 4<sup>th</sup> NC in 2013

- Performing the bridging roll between AI and NAI countries

Both countries seem to be ready for the inventory preparation in two-year cycle due to well organized arrangements and inventory management, etc.

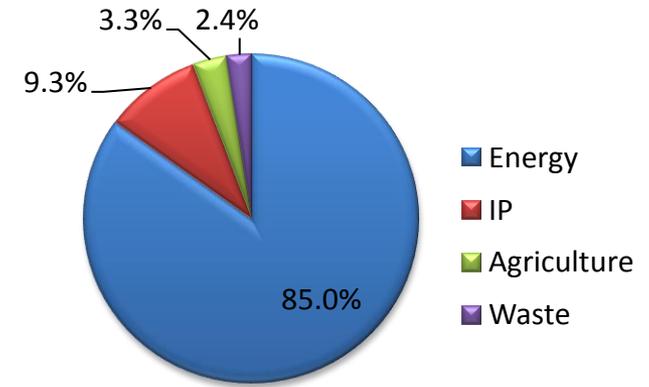
## India's SNC

1,301.21 Mt CO<sub>2</sub> eq. (2000 inventory)



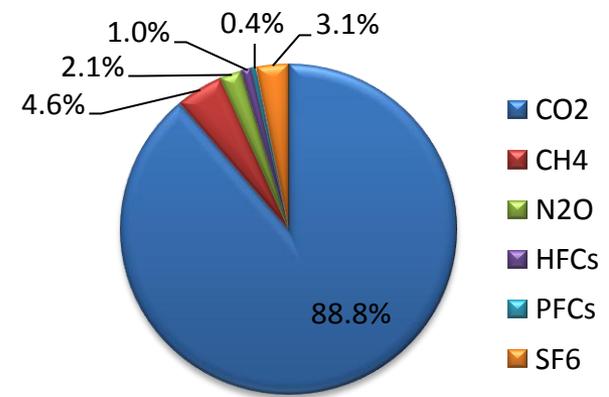
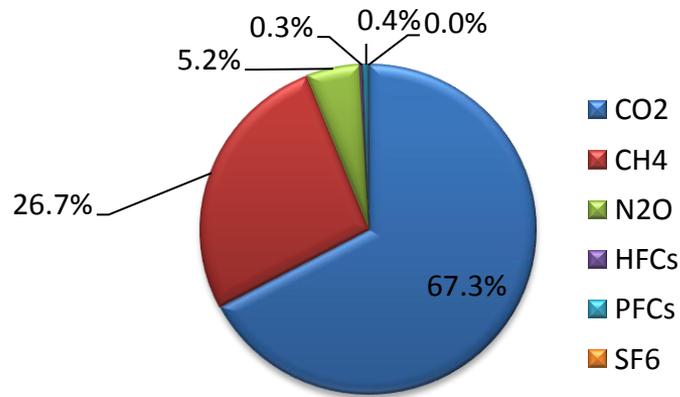
## Korea's TNC

607.6 Mt CO<sub>2</sub> eq. (2009 inventory)

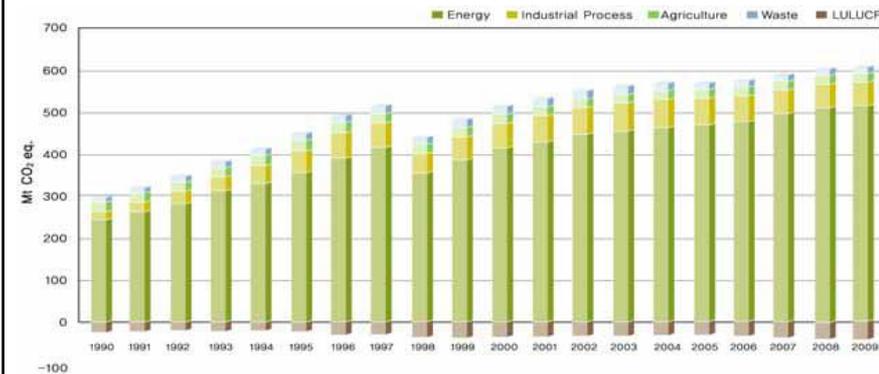
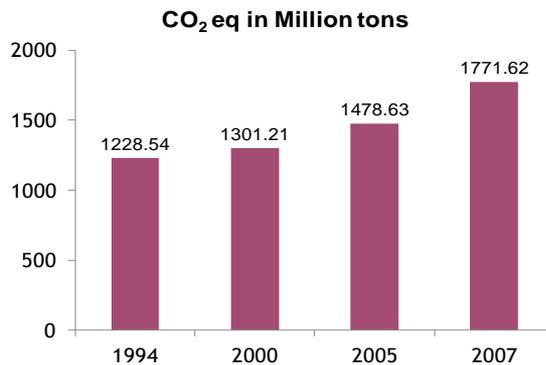


Sector

Gas



Trend



	India's SNC	Republic of Korea's TNC
Year	2000 (1994, 2000, 2005, 2007)	2009 (1990-2009)
Sector	Energy, IP, Agri., LULUCF, Waste	Energy, IP, Agri., LULUCF, Waste
Gas	CO2, CH4, N2O, HFCs, PFCs, SF6	CO2, CH4, N2O, HFCs, PFCs, SF6
Guidelines	Revised IPCC 1996 GLs, GPG(2000), GPG-LULUCF, IPCC 2006 GLs	Revised IPCC 1996 GLs, GPG(2000), GPG-LULUCF
Methodology	Tier 1, Tier 2, Tier 3	Tier 1, Tier 2
EFs	Default and country-specific EFs	Used mainly IPCC default values
AD	Provided by relevant ministries, etc.	Official data from Statistics Korea
Key category	25 categories mostly Energy, IP and Agriculture	1A1-3 (CO2), 5A1 (CO2), 2A1 (CO2), etc.
Uncertainty assessment	Implemented	Implemented
QA/QC	Implemented	Implemented
Other	✓ Published "India: GHG emissions 2007" in 2010	<ul style="list-style-type: none"> <li>✓ Published 2009 GHG Inventory in 2011</li> <li>✓ Domestic verification for inventory</li> <li>✓ Preparation of MRV guidelines for inventory</li> </ul>

**Inventories have been enhanced in terms of completeness, etc.**

# Review of WGIA-activity

- The WGIA-activity has been expanded in terms of the number of participants (number of member countries and observers) and approaches for information sharing:

- Annual workshop

- Hands-on training

- Mutual learning

- WGIA mailing list

**Extensive** information exchange  
among all participants

**Intensive** information exchange  
among inventory compilers, etc.

- Taking into account the limitations described in the latest NCs of the WGIA member countries, key category analysis, and new requirements for NAI countries (e.g., BUR), the following issues seem needed to be focused at the future workshops:

- Institutional arrangements for sustainable inventory preparation

- Energy, Agriculture and LULUCF sectors

# Proposal by the WGIA Secretariat

- WGIA-activity will be continued beyond the 10<sup>th</sup> anniversary
- Draft TOR including new two bodies (i.e., Organizing committee and Advisory board) were proposed at the WGIA10.
  - The WGIA Secretariat would appreciate if you could let us know to whom we should consult this matter in each member country (Organizing committee);
  - Should you have any questions and/or concerns, please send e-mail to the WGIA Secretariat (cgergio"at"nies.go.jp) **by the end of October 2012**;
  - WGIA11 is planned to be held in accordance with the TOR if there were no messages from the member countries.

# Proposal by the WGIA Secretariat (Cont.)

- History of the WGIA-activity should be reported more, as it is informative;
  - Can be provided as a preamble or an annex to the draft TOR
- Regarding the tools prepared by the WGIA Secretariat;
  - Roster of regional experts should be useful
  - Running the mailing list should be re-considered, as it seems not being used
- Objectives of WGIA can be more elaborated;
- WGIA's approach is "exchange" rather than "assist";
- Increase in the number of entities (i.e., OC, AB) may slow processes.