Greenhouse gas Inventory Office of Japan



## Summary of session I, II, III

Chair of session I : Dr. Nguyen Khac Hieu Chair of session II : Mr. Kiyoto Tanabe Chair of session III: Dr. Rizaldi Boer

Rapporteur: Junko Akagi WGIA11, 5-7 July 2013, Tsukuba, Japan



Following information was shared in session I - III:

- Reporting requirements under the UNFCCC
- NC submission status
- BUR1 preparation status
- Gaps and needs for preparing NC & BUR
- Institutional arrangements

of WGIA member countries

- Available supports by Int. organizations & AI Parties

Workshop on Greenhouse Gas Inventories in Asia

Reporting requirements under the UNFCCC for NAI Parties

### **Enhanced Reporting Elements**

Decisions -1/CP.16 and 2/CP.17: Enhanced (BURs)	
(I) National circumstances and Institutional Arrangements	
port r to	
<ul> <li>(III) Mitigation Actions, Effects, methodologies and assumptions</li> <li>More specific details beyond assessment and identifying measures</li> <li>Action and Effectsemissions reduction</li> <li>Progress on implementation</li> <li>International market mechanisms</li> <li>Domestic MRV</li> </ul>	
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Reporting requirements under the UNFCCC for NAI Parties

### Decision 2/CP.17- Durban

- a) Adoption
  - BUR Guidelines (Annex III)
  - Modalities and guidelines for ICA (Annex IV)
- b) Submission of first BUR by December 2014
  - Subsequently every 2 years
    - 1. Summary of parts of NC
    - 2. Stand alone update report

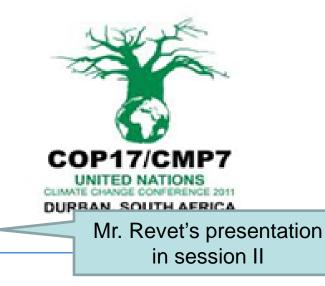
#### c) Inventory year

- Minimum, no more than four years prior to the date of submission/more recent
- Subsequent...does not precede by more than four years

d) Enhanced support (AI):

e) First round of the ICA (NA-I) will commence within six months of submission of the first round of BUR

f) To review and revise the modalities and guidelines as appropriate, in accordance with decisions of the COP





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#### Current status of NC & BUR preparation

## Preparation status of NC & BUR

- Most of WGIA member countries have completed their latest NCs and started actions to the next NCs & BUR1.
  - Summary of Myanmar's INC
  - Preparation status of BUR1 in Vietnam
  - Preparation status of BUR1 in Mongolia

→Already submitted NAMAs and quantification of emission reductions is expected to be feasible (Mongolia).







#### Current status of NC & BUR preparation

### Gaps and Needs for preparing NC & BUR



- Gaps Finance
  - No national budget allocated for NC preparation
  - No budget from GEF for establishing institutional arrangement
  - Human resources
    - Lack of experienced technical experts
  - Institutional arrangement / Administrative cooperation
    - Lack of legal systems for GHG inventory
    - Lack of sustainable system (ad-hoc based preparation of NCs)
    - Insufficient capacity of core team of NC (coordina tion, management)
    - Limited cooperation among related agencies
    - Lack of data collection system (network, channel)
    - Limited activities on climate change in country
  - Data (AD, EF, parameters) & Database
    - Lack of data / national statistics / data at an appropriate level
    - Lack of consistent way of data reporting
    - No central repository of data (e.g., industrial processes)
    - Limited QC activity
  - Skills using a mitigation model for mitigation
- **Needs** Technology for adaptation assessment
  - Capacity building for human resources and enhancing cooperation among relevant ministries and agencies.

#### Available supports by Int. organizations & AI Parties

## Available supports

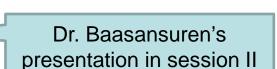


- UNFCCC
  - ✓ Upgraded NAIIS web-based software
  - $\checkmark$  User manual for the guidelines on the preparation of NCs & BURs
  - $\checkmark$  E-Learning programmes to support the preparation of NCs & BURs
  - ✓ BUR Workshops (CGE Expert Workshop, CGE Global BUR Workshop)
  - ✓ Updated CGE training materials for NCs
  - $\checkmark$  Training activities for review experts under the Convention and the KP

### IPCC/TFI/TSU

- ✓ IPCC inventory software
- ✓ Emission Factor Database (EFDB)
- ✓ Frequently Asked Questions (FAQs)
- ✓ Expert Meetings
- ✓ Inventory Internship Programme
- Support to Training Programmes on Inventories
- Methodological Reports

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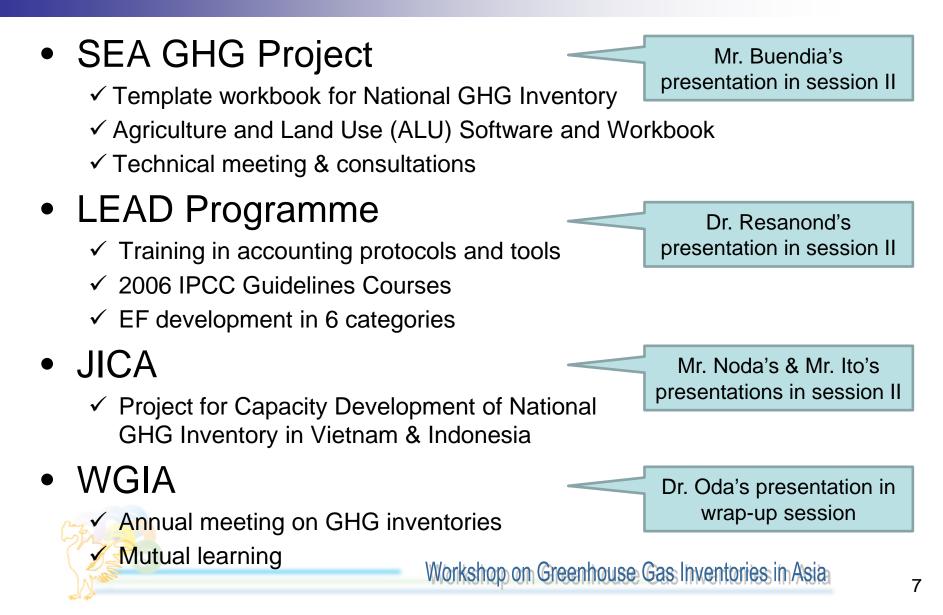


Mr. Revet's presentation in session II

#### Available supports by Int. organizations & AI Parties

# Available supports (cont.)





#### Institutional arrangements of WGIA member countries

# Institutional arrangements

• Korea, Malaysia, Thailand, Japan presented the development history and current status of institutional arrangements.

Presentations by Dr. Lee (Korea) Mr. Yusoff (Malaysia) Ms. Wannasiri (Thailand) Ms. Hatanaka (Japan) in session III

- → Learning practices conducted in other countries is a good approach to reconsider the institutional arrangements within own country.
- → The common challenges in developing countries in institutionalizing the process:
  - Agencies responsible for collecting AD do not have mandatory for supporting the national GHG inventory and there are no dedicated human resources for the GHG related tasks
  - $\checkmark\,$  Lack of coordination among agencies who manage data used for the inventory
  - No good system for managing data and information for the inventory coming from various agencies/institutions
  - ✓ Quality of statistical data → need improvement in QA/QC process (data inconsistency, discontinuity, level of data disaggregation, etc.)
  - Limited financial resources for establishing effective institutional system for GHG Inventory

# Summary of session I, II & III



- Reporting requirements for NAI Parties are elaborated.
- About one year and half to go to the submission of BUR.
- Urgent need for setting up institutional arrangements for periodical reporting for NC and especially for BUR.
- Transparency for both inventory and mitigation sections needs to be ensured (documentation and data archiving).
- Regarding the available supports, donor coordination is important in order to avoid duplication. In a meanwhile, coordination of available financial & technical supports within each country is also encouraged.
- Information sharing among WGIA member countries is useful and needs to be enhanced (e.g., experiences, good practices, lessons learnt)