

# WGIA8

## OPENING SESSION SUMMARY

CHAIR: KIYOTO TANABE

RAPPORTEUR: DB MAGCALE-MACANDOG

# Welcome Address

- **Yusuke Nakamura**, Deputy Director, Climate Change Policy Division, MOE Japan
- G8 summit and Major Economies Forum on Energy and Climate recognized, from a scientific view, the need of keeping global temperature rise below 2 °C above pre-industrial level
- Need countermeasures to reduce GHG emissions from countries
- 15th COP, Copenhagen – need to combat CC.
- MRV of GHG inventories are essential in the implementation and enhancement of mitigation actions
- Need to develop GHG inventory capacity in developing countries in Asia

# Welcome Address

- **Syamphone Sengchandala**, Director, Climate Change Office, DoE, WREA, Laos
- Welcome to Laos
- WGIA is important in sharing knowledge and experiences on GHG inventories in Asia.
- All participants are enjoined to actively share knowledge and experience in order to effectively achieve aims of the workshop.

# Overview of WGIA8

- **Junko Akagi, GIO/CGER/NIES**
- WGIA & WGIA8 information: objective, organizers, participants
- On-going relevant meetings 2007-2012: UNFCCC/KP, IPCC, WGIA, SEA GHG Project, SWGA, JICA, G8
- WGIA8 objectives and workshop flow

# WGIA8 Objectives

- Report on progress made by member countries since the WGIA7,
- Report of their latest inventories (to the extent possible),
- Discussions on future activities beyond the latest inventories,
- Exchange of MRV-related information, and
- Discussions on the sector-specific issues.

# YUSUKE NAKAMURA – JAPAN'S CLIMATE CHANGE POLICIES AND MRV INITIATIVES

- GHG emissions in the world
  - Global CO<sub>2</sub> emissions
  - Projections (developed and developing)
- Importance of MRV
  - G8 Environment Ministers' Meeting (May 2008)
  - Copenhagen Accord
  - AWG-LCA 10th session (June 2010)
  - Data collection – PDCA cycle
  - Japan's initiatives – WGIA, SWGA

# YUSUKE NAKAMURA – JAPAN'S CLIMATE CHANGE POLICIES AND MRV INITIATIVES

- GHG inventories in Japan
  - Japan's GHG emissions and reduction targets (mid- and long-term)
  - CO<sub>2</sub> emissions trends by sector
  - Factor analysis of GHG emissions trends
- GHG reduction policies in Japan
  - Continuous efforts
  - Challenge 25
  - Bill of Basic Law on Climate Change
  - Mid- and long-term roadmap

## Japanese Examples of Actions (Continuous Efforts)

- Annual Inventory
- Submitted 5<sup>th</sup> National Communication (~2010)
- Kyoto Target Achievement Plan (Revised in 2008)
- Action Plan for Achieving a Low-carbon Society (2008)
- Legislations for energy efficiency for vehicles, electric appliances and factories. (so called “Top Runner System”)
- Environmental Assessment Law including GHGs
- Tax for fossil fuel (gasoline price 1.40 US\$/L), E3 or E10 (Trial of Bio Ethanol Gasoline), and Feed in Tariff.
- Transportation: Modal shifts, Efficient Transportation
- Forest Management (Regeneration of neglected forests, Urban Greening)

.....etc

# Challenge 25

To achieve Japan's Mid-term goal of 25% reduction by 2020 and Long-term goal of 80% reduction by 2050

- All possible policy instruments should be mobilized
- Policy measures will include;
  - Cap & Trade Emissions Trading Scheme
  - Global Warming Tax
  - Utilization of Renewable Energy
  - Promotion of Energy Efficiency
  - Innovative technology development
  - Carbon disclosure
  - Creation of New Business etc.

# SYAMPHONE SENGCHANDALA - LAOS' CLIMATE CHANGE POLICIES

- Institutional framework for national GHG inventory
- Lao PDR's initiatives that complement CC initiatives
- National Strategy on CC –environmental, biodiversity, forestry, environmental education & awareness, renewable energy
- Initiatives on CC
- Next steps

## **LAO PDR's Initiatives and Programs to Mitigate and Adapt to Climate Change :**

- Initial National Communication (INC) in collaboration with UNDP/GEF, 2000
- National Capacity Needs Self Assessment (NCSA) for Global Environment Management under the three Rio Conventions: UNFCCC, UNCCD and UNCBD in collaboration with UNDP/GEF May 2009
- National Adaptation Plan of Action (NAPA) in collaboration with UNDP/GEF May 2009
- Second National Communication under preparation
- Reduction of Emission from Deforestation and Degradation (REDD) Readiness Preparation Planning (R-PP) and Framework-Dept of Forestry under implementation

# Discussion

- Institutional support for the Climate Change Office in terms of data collection
- Waste a priority sector in the future
- Mutual learning between Thai and Laos inventory teams
- Start to prepare and plan for NC3; proposal for GEF support

**DOMINIQUE REVET – UNFCCC SECRETARIAT**  
**UPDATES ON NON-ANNEX 1 NATIONAL COMMUNICATIONS**

- **SBI 32 (June 2010, Bonn)**
  - Proposal for funding for next NC
  - CGE work programme 2010-2012
  - Information contained in NC of NAI countries
  - Implementation of Art. 12, para. 5 of the Convention
  - Financial and Technical (F&T) support
- **SB 33 (Dec 2010, Cancun)**

# Discussion

- 75-80% completion of GHG inventory tasks for SNC, can start applying for funding for TNC
- Use best available method applicable to the country– revised 1996 guidelines, GPGs, etc.
- CGE training materials in CDs
- CGE to develop new guidelines for NC
- Capacity building for mitigation options (need to be discussed by Parties)

# Simon Eggleston – IPCC inventory development

- Providing assistance to users of UNFCCC Guidelines:
  - Datasets (list of FAO data for IPCC Agric and LUCF)
  - Managed lands as proxy to anthropogenic emissions and removals (documentation, time series consistency and good practice)
  - Stock taking for national forest inventories (forest monitoring, stratification, RS, modeling, ground truth, BEF, BCEF, peat)
  - Uncertainty and validation of emission inventories (Q/A guidelines)

# Simon Eggleston – IPCC inventory development

- EFDB
  - data collection
  - data meetings for identification, selection and approval
- Software development
  - 2006 Guidelines
- Website Information
  - FAQ
  - Presentations
- Future developments

# Discussion

- Big changes in LULUCF section in 2006 Guidelines vs 1996 Revised Guidelines
- Development of MRV Guidelines to be decided by Parties

Thank you !