



# **Agricultural Sector Group Discussion**

## ***INTRODUCTION***

**14 July 2010, Vientiane, Lao PDR  
8th Workshop on GHG Inventories in Asia**

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# Background Information



## WGIA3

- A number of good practices, challenges and solutions are identified.

## WGIA4

- Focused on **Rice Cultivation** and **Enteric Fermentation**.
- **Summarized rice ecosystem activity data status** (water regime management & organic amendment) in each country.

## WGIA6

- Focused on **strategies to improve reliability and current status and challenges in agriculture sector inventory**.
- Discussed how to get reliable data of agriculture.
- Stressed that it was necessary to share information by building framework, including both international collaboration and in-national one.



# Background Information



## WGIA7

- Theme is **Emission Factors utilized for the NCs**
- Discussion Point
  - Understanding of CS-EFs development and reporting progress of NCs,
  - Availability of CS-EFs to the other countries, and possibility of joint research,
  - Exchange of agricultural information including mitigation potential.
- CS-EFs for Rice Cultivation were found in many countries.
- Few countries had developed CS-EFs for *Enteric Fermentation, Livestock Manure Management* and *Agricultural Soils*.

# Background Information



## WGIA7

- For *Enteric Fermentation*, *Livestock Manure Management* and *Agricultural Soils*, however, participants shared the view that it was not always necessary to develop CS-EFs, since some EFs developed in one country could be shared with neighboring countries.
- The participants recommended in the future WGIA
  - (1) to share experiences in using software and other tools that help improve methodologies from simple tier 1 to tier 2,
  - (2) to consider models (e.g., the ALU and the DNDC model),
  - (3) to organize a joint WG of the LULUCF and Agriculture sectors,
  - (4) to focus on improvement of emission estimates for agricultural soil and livestock
  - (5) to discuss mitigation options

# Agriculture WG in WGIA 8



➤ Theme: *Estimation Methods and Development of Parameters*

Discussion Points

- Improvement of estimation method of Enteric fermentation and Manure management
- Improvement of estimation method of Agricultural Soils,
- Development of parameters by joint research
- Mutual Learning
- Exchange agriculture information  
(including mitigation potential)

➤ Chair: *Kazuyuki YAGI*

➤ Rapporteur: *Amnat CHIDTHAISONG*



# Time Schedule (WGIA8 Day 2, 9:30~12:30)



## WGIA8 Day 2, 9:30 ~ 12:30

➤ 10min. **Introductory Presentation**

➤ 15min. **Takashi Osada (Japan)**

GHG measurement for manure management of Livestock

➤ 15min. **Sultan Singh (India)** Enteric CH<sub>4</sub> emissions of Indian livestock from prevalent feeding systems in different agro ecological regions

➤ 15min. **Kazuyuki Yagi (Japan)** Recent Research Progress for Improving Japanese GHG Inventories of Agricultural Soils

➤ 15min. **Chhemendra Sharma (India)**

GHG emissions from Agriculture Soils in India

➤ 15min. **Amnat Chidthaisong (Thailand)**

Emissions of N<sub>2</sub>O from Agricultural Soils in Thailand

➤ **15min. 10:55-11:10 ----Caffee Break----**

➤ 15min. **Khin Lay Swe (Myanmar)**

National Inventory of GHG Emissions in Myanmar

➤ 65min. **Group discussion, Make WG Report for Wrap-up Session**

# Summary for agricultural sector WG



- Status of CS-EFs development in agricultural sector
  - Enteric Fermentation
  
  - Manure Management
  
  - Agricultural Soils



# Summary for agricultural sector WG



## ➤ Other Discussion Points

- Possibility of joint research to develop Country-Specific EF or Region-Specific EFs

- Mutual Learning

- Other (Mitigation potential)





# Summary for agricultural sector WG



- What do you want to discuss in WGIA9 and in future WGIA ?
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