



# Overview of WGIA10

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The 10<sup>th</sup> Workshop on Greenhouse Gas Inventories in Asia

Hanoi, Vietnam  
July 11-12, 2012

(July 10: Mutual Learning)

# WGIA

- Capacity building for Measurability, Reportability and Verifiability -



**Workshop title:** Workshop on Greenhouse Gas Inventories in Asia (WGIA)

**Objective:** To support countries in Asia to improve the quality of inventories via regional information exchange

**Organizers:** Ministry of the Environment of Japan  
National Institute for Environmental Studies

**Participating countries:** Cambodia, China, India, Indonesia, Japan, Republic of Korea, Lao P.D.R., Malaysia, Mongolia, Myanmar, Philippines, Singapore, Thailand, Vietnam (14 countries)

**Co organizers for WGIA10:** Ministry of Natural Resources and Environment, Vietnam  
Department of Metrology Hydrology and Climate Change

**Style:** Annual workshop since 2003

**Funds:** Ministry of the Environment of Japan

# NC\* Submission Status

Based on information provided in FCCC/SBI/2011/INF.4, etc.

Inventory:  
Under prep.

Inventory:  
Completed

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Cambodia					NC1									NC2		
China							NC1									NC2
India							NC1									NC2
Indonesia		NC1												NC2		
Lao P.D.R.			NC1													NC2
Malaysia			NC1											NC2		
Mongolia				NC1									NC2			
Myanmar														NC1		
Philippines			NC1											NC2		
Republic of Korea	NC1					NC2										NC3
Singapore			NC1											NC2		
Thailand			NC1											NC2		
Vietnam					NC1									NC2		

\*NC: National Communication

# On-going meetings

	2007	2008	2009	2010	2011	2012
UNFCCC /KP	SB26 COP13 /MOP3 (BAP)	SB28 COP14 /MOP4	SB30 COP15 /MOP5 (CP)	SB32 COP16 /MOP6 (CA)	SB34 COP17 /MOP7	SB36 COP18 /MOP8
IPCC	← EFDB →					
WGIA	WGIA4: Indonesia WGIA5: Malaysia	WGIA6: Japan	WGIA7: Republic of Korea	WGIA8: Lao PDR	WGIA9: Cambodia	WGIA10: Vietnam
SEA GHG Project	●	●	●	●	● (Phase II)	● (Phase II)
JICA				Thailand →	Viet Nam →	Indonesia →
Other		G8 in Japan		Submission of the latest NCs and preparation of next NCs		

**SEA GHG Project:** Regional Capacity Building Project for Sustainable National GHG Inventory Management Systems in Southeast Asia

# Welcome Participants!



Total of **140~** participants from

..14 Countries in Asia:	<u>Government officials , researchers, compilers from:</u> Cambodia, China, India, Indonesia, Japan, Republic of Korea, Singapore, Lao P.D.R., Malaysia, Mongolia, Myanmar, Philippines, Thailand, and Viet Nam.
Japan's Organizations:	<ul style="list-style-type: none"><li>● Ministry of the Environment ,</li><li>● National Institute for Environmental Studies,</li><li>● Japan International Cooperation Agency (JICA),</li><li>● Institute for Global Environmental Strategies (IGES),</li><li>● Mitsubishi UFJ Research &amp; Consulting, and</li><li>● Suuri Keikaku Co. Ltd.</li></ul>
Vietnam's Organizations :	<ul style="list-style-type: none"><li>● Ministry of Natural Resources and Environment,</li><li>● Department of Meteorology Hydrology and Climate Change,</li><li>● ADB, AUSAID, CIDA, EDF, FAO, UNDP, MARD, etc.</li></ul>
International Organizations :	<ul style="list-style-type: none"><li>● UNFCCC Secretariat,</li><li>● IPCC Technical Support Unit ,</li><li>● GHG Inventory Management Systems in Southeast Asia,</li><li>● US Agency for International Development / LEAD Program,</li><li>● U.S. Environmental Protection Agency ,</li><li>● Department of Climate Change and Energy Efficiency(Australia)</li></ul>

# Programs for limited participants already finished on 10<sup>th</sup> July



## Mutual Learning:

- In-depth methodological discussion between two countries
- Summary will be presented in Wrap Up Session on 12<sup>th</sup> July
- On Agriculture: Indonesia and Vietnam,
- On Waste: China and Republic of Korea,
- On Energy: Cambodia and Thailand, and
- On Industrial Processes: Indonesia and Japan

## Side Event, SEA GHG Project meeting:

- Overview the current activities / Plans and Updates of Phase II
- Summary will be presented in Session III on 12<sup>th</sup> July
- Participated countries:  
Cambodia, Malaysia, Philippines, Thailand, and Vietnam

# Workshop flow on 11<sup>th</sup> and 12<sup>th</sup> July

## Day 1, 11<sup>th</sup> July, Wednesday, Morning

### Opening Session:

- After this presentation, both host countries (MONRE and MOEJ) will present their policy schemes to combat climate change.

### Session I : NC updating and discussion on WGIA-Activity;

- UNFCCC will share updated information on Non Annex I NCs.
- India and Republic of Korea will present overviews of their NCs.
- GIO will share information relating COP17 focusing on inventories.
- GIO will propose future plan of WGIA-activity.

## Day 1, 11<sup>th</sup> July, Wednesday, Afternoon

### Session II-1: Hands-on Training using the new IPCC Inventory Software;

- We will split into two groups and try calculations using the new IPCC Inventory Software pre-installed laptop PCs.
- Energy / IPPU: Consumption of F-gases, CO<sub>2</sub> from Transport, etc.
- Waste: Solid Waste Disposal on Land

## Day 1, 11<sup>th</sup> July, Wednesday, Afternoon

### Session II-2: Discussion on AFOLU;

- The member countries will give presentations and exchange information on the details of estimation methodologies and/or mitigation measures.

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## Day 2, 12<sup>th</sup> July, Thursday, Morning

### Session III : Presentations by donors and international organizations;

- (1)“Challenges in development of GHG inventory-Experiences from JICA technical cooperation”
- (2)“Update on SEA GHG Project Phase II”
- (3)“Overview of US Government Programs and LEAD Program”
- (4)“Inventory systems and carbon markets – the Australian story ”
- (5)“Future Low Carbon Society Scenarios in Vietnam and Asia” by NIES

## Day 2, 12<sup>th</sup> July, Thursday, Morning

### Wrap-up Session-1:

- (1) Summary of Mutual Learning on Agriculture,
- (2) Summary of Mutual Learning on Waste,
- (3) Summary of Mutual Learning on Energy,
- (4) Summary of Mutual Learning on Industrial Processes

## Day 2, 12<sup>th</sup> July, Thursday, Afternoon

### Wrap-up Session-2:

- (5) Summary of Opening Session,
- (6) Summary of Session I
- (7) Summary of Session II-1
- (8) Summary of Session II-2
- (9) Summary of Session III

16:00~16:10: Closing Remarks by Vietnam and Japan



# Thank you

## Cám ơn

GIO website: <http://www-gio.nies.go.jp/index.html>

WGIA website: <http://www-gio.nies.go.jp/wwd/wgia/wgiaindex-e.html>