# Update on (1) the CGE and (2) the regional capacity-building project on GHG inventories in Southeast Asia

### Expert Meeting Bonn, 25-26 May 2010

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**United Nations Framework Convention on Climate Change** 

### Status of work of the CGE

- The (CGE) Consultative Group of Experts on national communications from Parties not included in Annex I to the Convention, reconstituted by decision 5/CP.15 for three years from 2010 - 2012, held its first meeting under new mandate from 29 to 31 March 2010 in Bonn.
- Draft work programme of the CGE for 2010 2012 will be contained in the CGE report to the SBI 32 for its consideration.

The CGE intends, in the draft work programme for 2010 - 2012:

To collect and analyze information on difficulties faced by NAI Parties in preparing national communications, in using the guidelines, in sustaining national communication process through surveys to Parties, multilateral and bilateral agencies, as well as analysis of submitted second national communications (starting from June 2010).



### Status of work of the CGE

The CGE intends, in the draft work programme for 2010 – 2012 to:

Provide practical technical advice and support to NAI Parties, including through workshops, hands-on training and/or training of trainers based on the results of the analysis (beginning in 2011).

Prepare technical papers and reports containing recommendations to the SBI on the provision of technical advice and support to NAI Parties, as well as on the future revision of the guidelines (in 2010).

Make available to Parties, upon request, information on steps regarding integration of climate change consideration, as well as information on existing activities and programmes of financial and technical assistance.

For more information: FCCC/SBI/2010/INF.2 (Progress report on the work of the Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention. Note by the secretariat )

Overview of the "Regional Capacity Building Project for Sustainable National Greenhouse Gas Inventory Management Systems in Southeast Asia (SEA GHG Project)"



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### **Project Genesis**

In 2006 / 2007, the secretariat received requests for assistance on GHG inventories from eight non-Annex I Parties (Cambodia, Indonesia, Lao, Malaysia, Philippines, Singapore, Thailand, Vietnam, and in 2010, Papua New Guinea).

Based on the general mandate included in Article 8, paragraph 2
 (c) of the Convention, as recalled in Decision 17/CP.8, the UNFCCC secretariat will facilitate assistance to non-Annex I Parties.

➤The requests received were to strengthen the capacity of SEA countries to improve the quality of their national GHG inventories for the development of sustainable inventory management systems.

## **Collaborative Approach**

November 2006 – San José (Costa Rica), US-EPA regional workshop on CAALU

- First exchange of views on possible ways of addressing the needs expressed by NAI Parties from Southeast Asia. UNFCCC secretariat to coordinate a pilot project with supplementary funding.

Recruitment of a Regional Coordinator (former IPCC staff)

Preparation of Scoping Meeting (country-driven and bottomup approach)



### **Collaborative Approach**

June 2007 – Manila (Philippines), 3-Day Scoping Meeting (8 SEA countries + IPCC, IRRI, US-EPA, WGIA (Japan), UNFCCC)

First draft project concept produced and further refined during and after WGIA 5 (September 2007 - Kuala Lumpur, Malaysia).

April 2008 – Singapore, Workshop officially launched the SEA GHG Project (EPA Templates, ALU workbooks)

### **SEA GHG Project**

➢<u>Objective</u>: To strengthen the capacity of SEA countries to improve the quality of their national GHG inventory for the development of sustainable inventory management systems

### Components of the project:

Component 1: Improving National Inventory Management Systems Component 2: Comprehensive multi-tier GHG software for Agriculture and LULUCF (ALU software) Component 3: Targeted improvements to LULUCF sector (Forest land) Component 4: Targeted improvements to Agriculture sector Component 5: Targeted improvements to Energy sector



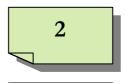
### **Component 1 - Use of Template Approach to support National GHG Inventory Management Capacity-Building**

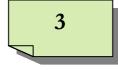
**Template 1** - Key category analysis (also software)

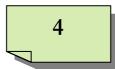
- **Template 2** Institutional arrangements for national system
- **Template 3** Documentation and source-by-source description (SBS)
- **Template 4** Quality Assurance and Quality Control (QA/QC) Measures
- **Template 5** Inventory Archive System

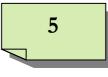
**Template 6** - National Inventory Improvement Plan (NIIP)













## **Component 2 - ALU Software**

### http://www.nrel.colostate.edu/projects/ghgtool/

ALU Tool (Version 2.0.2.2)	Contract Constitutions of Contractory	
File Help		
10		
Agriculture and Land Use National Greenhouse Gas Inventory Software		
Current User and Database	Module I: Specify Activity Data	
Current User: Leandro	Primary Data Specification	Secondary Data Specification
	C Land Use and Management	Crop Residue Management
Add / Change User	© Livestock	Livestock Management
	N Fertilizer	Rice Management
Current Database: Philippines	C Liming	Savanna/Grassland Burning
Create New /	Sewage Sludge Amendments	Biomass Carbon Loss
Change Database	Select	Select
Available Sessions by Source Category: Source Category: Select A Source Category	QA/QC Primary Data	QA/QC Secondary Data
Subsource Category: Reset	Module II: Specify Emission/Stock	Module III: Inventory Calculations
Select A Source Category Above	Change Factors	QA/QC
Current Sessions:	Enteric Methane	Enteric Methane
Sessions	Manure Methane	Manure Methane
Select a Source & Subsource above to display Sessions.	Manure Nitrous Oxide	Manure Nitrous Oxide
	Biomass Burning Non-CO2 GHG	Biomass Burning Non-CO2 GHG
	Soil Nitrous Oxide	Soil Nitrous Oxide
	Rice Methane	Rice Methane
	Biomass C Stocks	Biomass C Stocks
Data Management Utilities	Soil C Stocks	Soil C Stocks
Session & File Database Management	Select	Select
Quit Application	QA/QC Emission/Stock Change Factors	Create Emissions Report



#### **United Nations Framework Convention on Climate Change**

### **Milestones**

- June 2007, Manila, Philippines; Scoping Meeting
- Introduced to the GHG Management Templates (Component 1)
- April 2008, Singapore: Kick-off Workshop
  Introduced to ALU software and ALU Workbook, including a workshop on how to fill in primary and secondary data (manual distributed) (Component 2)
- July 2008, Tsukuba, Japan: Short Follow-up meeting
  Reported on the progress of the use of Templates and ALU Workbooks
- May 2009, Seam Reap, Cambodia: Regional Training on ALU Software
  Trained on how to accomplish the ALU Workbooks in preparation for the in-country training
- July 2009, Seoul, South Korea: Short Follow–up meeting
  Discussed status of ALU Workbook preparation and the schedules of ALU in-country trainings for SEA countries
- October and November 2009, Philippines and Thailand In-Country Training Workshops on ALU Software
- Conducted hands-on training on the use of ALU software
- February 2010, Vietnam and Cambodia In-Country Training Workshops on ALU Software
- conducted hands-on training on the use of ALU software
- February 2010, PNG Meeting for the country to join the Project
- April 2010, Malaysia and Indonesia In-Country Training Workshops on ALU Software conducted hands-on training on the use of ALU software

## **Catalytic Role of the Secretariat**

>The UNFCCC secretariat plays a **catalytic role** in:

-Addressing non-Annex I Parties' requests for assistance

-Coordinating with relevant organizations to avoid duplication of efforts, maximize efficiency and minimize costs

-Raising supplementary funding (for this project: USA, Japan, EU)

- Implementing the activities (regional coordination, MoU for workshops, logistics, etc.)



## **Catalytic Role of the Secretariat**

Lessons learned from this pilot initiative will undoubtedly facilitate further assistance (potential replication) to non-Annex I Parties in other regions (Africa, etc.) as moving to tier 2 methods is a real challenge for most countries.

➤We stand ready to facilitate assistance to Parties as needed, and to the extent possible.

# Thank you!

