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### CONFERENCE OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY

Ninth meeting

Nagoya, Japan, 18–29 October 2010

Item 4.5 of the provisional agenda\*

#### **CLEARING-HOUSE MECHANISM ESTABLISHMENT AND DEVELOPMENT UPDATE IN THE ASEAN REGION**

*Note by the Executive Secretary*

1. The Executive Secretary is pleased to circulate herewith, for the information of participants in the tenth meeting of the Conference of the Parties, an information document entitled “Clearing-House Mechanism Establishment and Development Update in the ASEAN Region” submitted by the ASEAN Centre for Biodiversity as a contribution to the progress report on the clearing-house mechanism (document UNEP/CBD/COP/10/15).
2. The document is being circulated in the form and language in which it was provided to the Secretariat.

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\* UNEP/CBD/COP/10/1.

## CHM Establishment and Development Updates in the ASEAN Region

### Introduction

As signatories to the Convention on Biological Diversity (CBD), the 10 Member States of the Association of Southeast Asian Nations (ASEAN) have taken concrete steps to establish strong and sustainable national Clearing-House Mechanisms (CHMs) as a medium to share knowledge and facilitate scientific and technical cooperation in biodiversity conservation. As part of its continuing support to ASEAN Member States (AMS) on national CHM establishment/development, the ASEAN Centre for Biodiversity (ACB) has conducted several activities including the following:

- conduct of a series of information sharing and CHM capacity building workshops;
- provision of technical assistance fund for CHM establishment;
- participation in stakeholders' meetings; and
- establishment and maintenance of the ASEAN CHM, a regional website designed to showcase the CHM development in the ASEAN region.

### Status of National CHM Establishment/Development in the ASEAN Region

To date, the national CHMs of nine out of the 10 AMS are at various stages of development, five of which are already operational, such as:

- Indonesia (<http://indonesianchm.bplhdjapar.go.id>)
- Malaysia (<http://www.chm.frim.gov.my/>)
- Philippines (<http://chmphil.98labs.com/>)
- Thailand ([http://chm-thai.onep.go.th/index\\_eng.html](http://chm-thai.onep.go.th/index_eng.html))
- Singapore (<http://www.nparks.gov.sg/>)

In addition, ACB is hosting Lao PDR's national CHM which is undergoing beta-testing and can be accessed at <http://chm.aseanbiodiversity.org/chm-laopdr/>.

Vietnam and Cambodia have done preparatory works such as website design and stakeholders consultations while Myanmar started its national CHM-related activities in February 2010.

Providing a single entry point is the ASEAN CHM, where all of the above-cited websites can be accessed. The ASEAN CHM can be directly viewed at <http://chm.aseanbiodiversity.org>

Details of the status of national establishment/development of each AMS are presented in Tables 1 and 2.

**Tables 1. Status of national CHM Establishment in Select AMS in the ASEAN Region, 1 July 2010**

Country	Contact Persons	Stakeholders	Website
Cambodia	NFP: Ms. Somaly Chan, GDANCP Email:somalychan@hotmail.com, CHM Contact:: Ms. Somaly Chan	Stakeholders meeting conducted	Website design and content development are ongoing
Indonesia	NFP: Ms. Utami Andayani, Ministry of Environment Email: <a href="mailto:utamikun@yahoo.com">utamikun@yahoo.com</a> CHM Contact:Mr. Ghofar Ismail Email:gofarism@yahoo.com	Stakeholders network established and being expanded to include local government agencies and other potential members	URL: ( <a href="http://indonesiachm.bplhdjapar.go.id">http://indonesiachm.bplhdjapar.go.id</a> ) Website enhancement is ongoing including translation of content from Bahasa to English
Lao PDR	NFP: Mdm. Keobang Keola, GMS Secretariat Email: <a href="mailto:keobang@hotmail.com">keobang@hotmail.com</a> CHM Contact: Dr. Chanthachith Ampaychith Email: Chith3458@yahoo.cm	Conducted 1 <sup>st</sup> stakeholders' network last February 2010 and specific roles were identified and established.	Website is being beta-tested. It can be viewed at <a href="http://chm.aseanbiodiversity.org/chm-laopdr/">http://chm.aseanbiodiversity.org/chm-laopdr/</a>
Malaysia	NFP: CHM Contact: Ms. Aslina Binti Baharum, FRIM Email: <a href="mailto:aslina@frim.gov.my">aslina@frim.gov.my</a>	Stakeholders' network was strengthened by including agencies from Sabah and Sarawak	URL: <a href="http://www.chm.frim.gov.my/">http://www.chm.frim.gov.my/</a> Website is impressive
Myanmar	NFP:Mr. Win Naing Thaw, NWCD-FD Email:nwcdfd@gmail.com CHM Contact: None identified yet	Conducted 1 <sup>st</sup> stakeholders' network last February 2010 and specific roles were identified and established	Not yet developed
Philippines	NFP: Dr. Theresa Mundita S. Lim Email: <a href="mailto:planning@pawb.gov.ph">planning@pawb.gov.ph</a> CHM Contact: Ms. Meriden Maranan Email:meridenmaranan@yahoo.com	Strengthened the stakeholders' network BIOWEB comprising of 24 government and non-government organizations	URL: <a href="http://chmpl.98labs.com/">http://chmpl.98labs.com/</a> Launched the improved website in May 2010
Singapore	NFP: CHM Contact: Ms. Cheryl Chia, NParks Email: <a href="mailto:cheryl_chia@nparks.gov.sg">cheryl_chia@nparks.gov.sg</a>		URL: <a href="http://www.nparks.gov.sg/">http://www.nparks.gov.sg/</a> Website is fully developed
Thailand	NFP: Dr. Sirikul Bunpapong, ONEP Email:sirikb@yahoo.com CHM Contact: Mr. Chatchai Silpsoonthorn Email:chm_thai@onep.go.th	Stakeholders' network was established	URL: <a href="http://chm-thai.onep.go.th/index_eng.html">http://chm-thai.onep.go.th/index_eng.html</a> Improvements is ongoing including content translation from Thai to English
Viet Nam	NFP:Dr. Le Than Binh (BCA) Email:lbinh@nea.gov.vn	Stakeholders' meeting was conducted	Website development is ongoing

**Table 2. Checklist of Contents of National CHMs of Select AMS in the ASEAN Region**

National CHM Content	ID	MY	PH	TH	SG
Homepage – Objectives, Vision, Mission	✓	✓	✓	✓	✓
Biodiversity Highlights	✗	✓	✗	✓	✗
Cooperation section – description of initiatives undertaken	✓	✓	✓	✓	✓
Laws and Policies	✓	✓	✓	✓	✓
Biodiversity Information					
• Species – Flora and Fauna	✓	Online interactive	Static stats	✗	Static list
• Protected Areas - Statistics	✗	✗	Profiles of featured PAs	✗	✗
• Protected Areas – Maps	✗	Online, interactive	Static KBAs	✗	✗

National CHM Content	ID	MY	PH	TH	SG
• Ecosystems Profile	Overview	Overview	With stat details	Overview	Overview
List of Endangered/Threatened Species	X	X	Static stats	X	X
• IUCN Red List/National Red Book	X	X		National Red Data Book	National Red Data Book
Partners Database	Not sure	✓	✓	X	✓
Experts Database/Profiles	✓	✓	X	X	✓
Publications – MEA reports, Technical reports, etc.	✓	✓	✓	✓	✓
Calendar of Events	Not updated	X	✓	✓	✓
Photobank	✓	✓	✓	X	✓
News (Red hot issues)	Not updated	✓	✓	✓	✓
RSS Feeds (news, new documents, etc.)	X	✓	X	X	X
<b>Other Features:</b>					
• Thematic Issues	X	✓	X	✓	X
• Cross-cutting issues	X	✓	X	✓	X
• Checklist of Invasive Alien Species (IAS)	X	X	Based on Global Species Database	X	✓
• Guestbook Profile	✓	X	X	X	X

### ACB Support Activities on National CHM Establishment/Development

From 2007 to 2010, the ACB conducted seven workshops focusing on data harmonization, CHM establishment/maintenance capacity building, and data management. Technical assistance fund amounting to USD5,000 per AMS has likewise been provided to Cambodia, Lao PDR, Myanmar, Philippines, Thailand and Viet Nam to support their national CHM-related activities, including the conduct of stakeholder’s meeting and website development. ACB also supported the conduct of stakeholders’ meeting in two countries, Lao PDR and Myanmar, by serving as resource persons (with topics on the CHM concept and updates of CBD implementation, role of NFPs and stakeholders, etc.).

Table 2 presents details of national CHM-related support provided by ACB to AMS.

**Table 2. ACB Activities Towards National CHM Establishment and/or Development, 1 July 2010**

Activity	Type of Activity/Event	Date Conducted/ Venue	No. of Participants	Benefits to AMS
Regional Workshop on Biodiversity Data and Information Harmonization	Workshop	2007 12-15 November Vientiane, Lao PDR	18 participants from Brunei Darussalam, Lao PDR, Malaysia, Thailand, Singapore and Viet Nam	The AMS established the initial list of available data and formats which will enable them to share and compare biodiversity data and information. The workshop also introduced the participants to the concepts of knowledge management, the pressure-state-response connection, as well as the newly enhanced BISS as a regional protected area database.
Sub-Regional Workshop on Mechanism for Biodiversity Data Sharing and Harmonization	Workshop	2008 11-14 March Hanoi, Viet Nam	14 participants from Malaysia, Philippines and Viet Nam	The AMS agreed on a minimum content of a national CHM which is in accordance with the requirements/recommendations of the CBD.
Sub-regional Workshop on Mechanism for Biodiversity Data Sharing and Harmonization	Workshop	2008 8-10 Jun Luang Prabang, Lao PDR	12 participants from Lao PDR, Indonesia, Thailand and Viet Nam	The Workshop introduced to the AMS the World Database on Protected Areas (WDPA) and the CHM as sharing platforms for biodiversity data and information.
Regional Technical Workshop on Mechanism for Biodiversity Data Sharing and Harmonization: The Clearing house Mechanism	Training workshop	2008 23-28 November Chiang Mai Thailand	21 participants from Indonesia, Lao PDR, Malaysia, Philippines, Thailand, and Viet Nam	The Workshop provided participants with hands-on training on developing a CHM website with the use of Joomla!, and on presenting how map-based data in a CHM can be used.
Regional Technical Training on Clearing House Mechanism-Networking and Collaboration Tools	Training workshop	2009 30 June- 3 July Bogor Indonesia	17 participants from Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Viet Nam.	The Workshop served as venue for sharing lessons learned on SCBD's CHM initiative and hands-on training on the use of collaboration tools such as discussion boards, Docman, RSS feeds, etc.
Regional Technical Workshops on the Clearing-House Mechanism: Content Establishment and Management	Training workshop	2010 7-10 March Los Banos, Laguna Philippines	18 CHM managers and staff from 8 countries (Cambodia, Lao PDR, Indonesia, Malaysia, Myanmar, Philippines, Thailand and Vietnam)	The Workshop served as venue to: <ul style="list-style-type: none"> <li>• demonstrate the framework and mechanics of a functional CHM</li> <li>• provide a venue for AMS to update and showcase their progress on biodiversity-related activities</li> <li>• strengthen the capability of AMS on CHM establishment and/or enhancement through the use of Joomla! with focus on the role of National Focal Points (NFPs), stakeholders' network and CHM staff to generate, manage and maintain biodiversity information.</li> </ul>
Regional Technical Workshop on Key Biodiversity Areas for Gap Analysis of Protected Areas	Training workshop	2010 10-13 March Los Banos, Laguna, Philippines	18 CHM managers and staff from 8 countries (Cambodia, Lao PDR, Indonesia, Malaysia, Myanmar, Philippines, Thailand and Vietnam)	The Technical Workshop served as venue to: <p>The Workshop:</p> <ul style="list-style-type: none"> <li>• presented the KBA identification process: concept, methodology, necessary resources and expected outputs</li> <li>• demonstrated the value of the KBA process in PA policy development, improving resilience of species and ecosystems to threats to biodiversity including climate change; and</li> <li>• demonstrated uploading of KBA information in the AMS' CHMs</li> </ul>
Provision of technical assistance (TA) fund	Financial Assistance	2009-2010	AMS which availed: Cambodia, Lao PDR, Myanmar,	The TA fund provided catalyst money for the conduct of national stakeholders' meeting and website development.

Activity	Type of Activity/Event	Date Conducted/ Venue	No. of Participants	Benefits to AMS
			Philippines, Thailand and Viet Nam	
Attendance to stakeholders' meeting	Technical assistance	February 2010	Lao PDR and Myanmar	ACB staff served as resource persons and discussed the concepts and updates on CHM development/establishment in the ASEAN region.
Establishment and maintenance of the ASEAN CHM	Website development	2008 to-date		The ASEAN CHM serves as the gateway to the national CHMs in the ASEAN region. It showcases efforts of AMS towards establishment and maintenance of their respective national CHMs. The website can be viewed at <a href="http://chm.aseanbiodiversity.org">http://chm.aseanbiodiversity.org</a>