



Convention on Biological Diversity

Distr.
GENERAL

CBD/CHM/WS/2018/1/2
19 February 2018

ENGLISH ONLY

REPORT ON THE REGIONAL WORKSHOP FOR ASIA ON THE CLEARING-HOUSE MECHANISM, BANGKOK, 29 JANUARY – 2 FEBRUARY 2018

I. INTRODUCTION

1. In paragraph 2(a) of decision [X/15](#) on scientific and technical cooperation and the clearing-house mechanism (CHM), the Conference of the Parties to the Convention on Biological Diversity encouraged Parties to continue to take the necessary steps to establish, strengthen and ensure the sustainability of national clearing-house mechanisms in order for them to provide effective information services to facilitate the implementation of the national biodiversity strategies and action plans (NBSAPs), and thus achieve CHM goal 2 as defined in the annex to that decision.
2. In decision [XI/2](#), paragraph 11, the Conference of the Parties welcomed the work programme for the clearing-house mechanism in support of the [Strategic Plan for Biodiversity 2011-2020 \(UNEP/CBD/COP/11/31\)](#), which lists recommended activities to achieve this goal. In paragraph 11 (b) of the same decision, the Conference of the Parties agreed to strengthen communication with, and build the capacity of, national focal points for the clearing-house mechanism.
3. Additionally, in decision [XII/2](#) B, paragraph 15, the Conference of the Parties strongly encouraged Parties to accelerate the establishment and development of their national clearing-house mechanisms where they had not done so, and, in paragraph 16, invited Parties and partners to provide support to developing country Parties that were developing their national clearing-house mechanisms.
4. Furthermore, in decision XIII/23, paragraph 12, the Conference of the Parties encouraged Parties to continue their efforts to establish, sustain and further develop effective national clearing-house mechanisms in support of the implementation of their NBSAPs.
5. Pursuant to these decisions, the Secretariat of the Convention on Biological Diversity, with the generous support of the Government of Japan, organized a regional workshop for Asia on the clearing-house mechanism. This workshop was held in Bangkok from 29 January to 2 February 2018 as announced via notification 2017-127 issued on 24 November 2017.¹ This workshop was intended for developing countries, but other countries in the region were invited to attend, provided that they covered their own costs.
6. The overall objective of the workshop was to build capacity and provide guidance on how to establish and sustain effective national clearing-house mechanisms, in line with decision X/15 and in support of NBSAPs.
7. Governments were invited to nominate one representative to participate in the workshop. The nominee had to meet the following criteria:
 - (a) Involvement in the planning and development of the national clearing-house mechanism in his/her country, as expected from the CHM national focal point;

¹ See [Ref. No. SCBD/IMS/ET/ODM/SM/87005](#)

- (b) Familiarity with the NBSAP;
 - (c) Ability to present the current situation of the national clearing-house mechanism as well as any existing plan to develop it;
 - (d) Occupying a position enabling him/her to apply the knowledge and capacity gained during the workshop for further developing the national clearing-house mechanism.
8. The workshop was attended by representatives of 14 countries: Bangladesh; Bhutan; Cambodia; Cook Islands; Indonesia; Maldives; Malaysia; Mongolia; Myanmar; Nepal; Philippines; Singapore; Thailand; and Viet Nam. It was also attended by representatives of the ASEAN Centre for Biodiversity. Additional information is provided in the list of participants (annex I) and the feedback synthesis (annex II).
9. The workshop documentation, including presentations and other information provided by participating countries, is available online at <https://www.cbd.int/meetings/CHMWS-2018-01>.

II. DESCRIPTION OF THE WORKSHOP

Pre-workshop train-the-trainer session

10. Prior to the workshop, a two-day train-the-trainer session was held for the representatives of the ASEAN Centre for Biodiversity.
11. Members of the ASEAN Centre for Biodiversity were given in-depth hands-on training on the Bioland and the online reporting tool for the sixth national reports.

Item 1. Opening of the workshop

12. The [statement](#) of the Executive Secretary of the Convention, Ms. Cristiana Paşca Palmer, was delivered by Ms. Sandra Meehan of the Secretariat. She thanked the Government of Japan for its generous financial support, which had allowed the Secretariat to convene the workshop. She also thanked the ASEAN Centre for Biodiversity for its partnership and support in creating and strengthening the national clearing-house mechanisms of ASEAN member States.
13. Ms. Sheila Vergara of the ASEAN Centre for Biodiversity also made an opening statement.
14. After those statements, participants were invited to present themselves through a tour de table.

Item 2. Objectives and programme of the workshop

15. The session started with an introductory presentation by Mr. Alexandre Rafalovitch of the Secretariat on the objectives and programme of the workshop.² The overall objective was to strengthen the capacity of participating countries to establish and sustain effective national clearing-house mechanisms in support of the NBSAPs. That included introduction and exploration of the Bioland tool, which had been developed by the Secretariat.
16. Participants presented their learning objectives: (a) to gain a deeper understanding of the clearing-house mechanism, its supporting role and its potential benefits for the country; (b) to be aware of the experiences of other participating countries; and (c) to acquire practical knowledge of the Bioland tool which could facilitate the establishment of a national clearing-house mechanism.
17. The learning objectives of the Secretariat of the Convention were also presented. Those objectives were to learn about the situation in the region, such as the experiences and challenges of participating countries, and to gain a better understand of their needs regarding further development of their national clearing-house mechanism. Another objective of the Secretariat was to collect feedback on the Bioland tool.

² See <https://www.cbd.int/doc/c/e6ad/7360/32f49405e5e4446b8e50145c/chmws-2018-01-item-02-workshop-objectives-en.pdf>

18. In terms of increased capacity after the workshop, each participating country should be able to adopt a sound approach to further developing its national clearing-house mechanism, based on a strategic vision and a realistic road map for its implementation. They would also know which kind of support could be expected from the Secretariat of the Convention to achieve that goal.

Item 3. Work programme of the clearing-house mechanism

19. Under this agenda item, two presentations were made by the CBD Secretariat. The first one provided general background on the clearing-house mechanism.³ It referred to paragraph 22 of the Strategic Plan for Biodiversity 2011-2020, which envisioned a biodiversity knowledge network with national clearing-house mechanisms linked to the central clearing-house mechanism of the Secretariat. It described the supporting role of the clearing-house mechanism as an information exchange platform contributing to planning, implementation and reporting. It stressed that the strategic vision of the national clearing-house mechanism should be defined at the level of the NBSAP.

20. The second presentation⁴ described the proposed work programme for the clearing-house mechanism in support of the Strategic Plan for Biodiversity 2011-2020 (UNEP/CBD/COP/11/31). Special attention was devoted to CHM goal 2 (see decision X/15, annex), which stated that national clearing-house mechanisms should provide effective information services to facilitate the implementation of the NBSAPs. Details were provided on the activities which should be carried out in order to meet the objectives under that goal. The presentation was followed by a brief discussion to answer any questions.

Item 4. National and regional experiences

21. Under this agenda item, participating countries were given the opportunity to share their experiences on the development and status of their national clearing-house mechanisms and/or related initiatives. The suggested format for the national presentations consisted of three areas: an overview of the current situation; the strategic vision for the future; and the type of cooperation or support that would be beneficial. Presentations were made by the following participants:

- (a) Mr. Md. Hafezur Rahaman (Bangladesh);
- (b) Mr. Chench Dorji (Bhutan);
- (c) Mr. Bunthan Keat (Cambodia);
- (d) Ms. Heimata Louisa Karika (Cook Islands);
- (e) Mr. Toto Indraswanto (Indonesia);
- (f) Mr. Nor Azmi Bin Ahmad (Malaysia);
- (g) Mr. Saaif Mohamed Rasheed (Maldives);
- (h) Mr. Tsogtsaikhan Purev (Mongolia);
- (i) Mr. Zaw Min Thant (Myanmar);
- (j) Mr. Maheshar Dhakal (Nepal);
- (k) Mr. Darwin Tejerero (Philippines);
- (l) Mr. Choh Shin Koh (Singapore);
- (m) Mr. Chatchai Silpsoonthorn (Thailand);
- (n) Mr. Nguyen Ba Tu (Viet Nam).

22. After each presentation, participants were given the opportunity to ask questions. The national presentations are available online at <https://www.cbd.int/meetings/CHMWS-2018-01>.

³ See <https://www.cbd.int/doc/c/cc4c/a72a/f21300a6559405b6bcf2001c/chmws-2018-01-item-03-chm-background-en.pdf>

⁴ See <https://www.cbd.int/doc/c/baff/8746/1b41b89b0c5169279851174e/chmws-2018-01-item-03-chm-work-programme-en.pdf>

23. Ms. Sheila Vergara of the ASEAN Centre for Biodiversity presented various initiatives facilitating the exchange of the biodiversity-related information of ASEAN members.⁵

24. Ms. Xuemei Han of NatureServe also presented an introduction to the work of that organization, including most recent development of visualizations in collaboration with ASEAN Centre for Biodiversity and also specifically for the Bioland tool.⁶

Item 5. Guidance for national clearing-house mechanisms

25. The guidance presented for developing national clearing-house mechanisms⁷ followed a step-by-step road map highlighting the major actions that should be undertaken to establish and further develop a national clearing-house mechanism, as summarized in the table below.

<i>Level</i>	<i>Situation</i>	<i>Action</i>
0	No CHM national focal point	Encourage Party to nominate CHM national focal point
1	CHM national focal point not equipped	Find solutions to provide basic infrastructure and communication facilities
2	No national CHM website	Obtain tools and support to establish web presence
3	National CHM web presence	Enhance web content Improve user experience
4	Good national CHM website	Expand information services Establish interoperability mechanisms Support other national CHMs

26. In terms of substantive content, the guidance covered the following topics of particular relevance to the development of effective national clearing-house mechanisms:

(a) *National coordination*: to understand the benefits of coordinating activities related to the development of a national clearing-house mechanism with a view to ensuring effectiveness and sustainability;

(b) *Strategic management of web content*: to understand the impact of content management on the effectiveness of a website, and to provide general guidelines on how to plan and manage web content strategically;

(c) *Information services*: to describe the typical information services that a national clearing-house mechanism can provide to support the NBSAP implementation process;

(d) *Technical aspects*: to give a general overview of existing technology relevant to the establishment or further development of national clearing-house mechanisms.

Item 6. Training session

27. The main purpose of the session was to train participants in the use of the latest version of the Bioland tool in order to assist Parties in the establishment of their national clearing-house mechanisms. This tool is a basic generic national CHM website that can be made available online to interested Parties

⁵ See <https://www.cbd.int/doc/c/ae45/5dfb/a3162480055aa3e1a9691ab4/chmws-2018-01-item-04-asean-overview-en.pdf> and <https://www.cbd.int/doc/c/8e0a/e544/3963996e55b4d03f72d055d9/chmws-2018-01-item-04-asean-chm-en.pdf>

⁶ See <https://www.cbd.int/doc/c/7d67/c068/85eb8357f14b487a7b69d2a6/chmws-2018-01-item-04-natureserve-en.pdf>

⁷ See <https://www.cbd.int/doc/c/b481/5485/55a323b9e44acd15c34893f6/chmws-2018-01-item-05-guidance-en.pdf>

for them to easily share key information related to their NBSAP and its implementation. The demonstration version of this tool is available at <https://demo.chm-cbd.net>.

28. Mr. Alexandre Rafalovitch, assisted by Ms. Sandra Meehan, started the training session by making a presentation to provide some background on the Bioland tool.⁸ He explained that, prior to the training session, basic national CHM training websites had been pre-configured, one for each participating country. During the hands-on training session, participants were shown how to access the tool through their user account, and how to populate their national CHM training websites in their national languages, as indicated in the table below. They were assisted by the members of both the Secretariat and the ASEAN Centre for Biodiversity.

<i>Country</i>	<i>National CHM training site</i>	<i>Site languages</i>
Bangladesh	https://test-bd.chm-cbd.net	English, Bengali
Bhutan	https://test-bt.chm-cbd.net	English, Dzongkha
Cambodia	https://test-kh.chm-cbd.net	English, Khmer
Cook Islands	https://test-ck.chm-cbd.net	English
Indonesia	https://test-id.chm-cbd.net	English, Indonesian
Malaysia	https://test-my.chm-cbd.net	English, Bahasa Malaysia
Maldives	https://test-mv.chm-cbd.net	English, Dhivehi
Mongolia	https://test-mn.chm-cbd.net	English, Mongolian
Myanmar	https://test-mm.chm-cbd.net	English, Burmese
Nepal	https://test-np.chm-cbd.net	English, Nepali
Philippines	https://test-ph.chm-cbd.net	English, Filipino
Singapore	https://test-sg.chm-cbd.net	English, Bahasa Malaysia, Simplified Chinese, Tamil
Thailand	https://test-th.chm-cbd.net	English, Thai
Viet Nam	https://test-vn.chm-cbd.net	English, Vietnamese
ASEAN Centre for Biodiversity (regional)	https://test-acb.chm-cbd.net	Arabic, English, French, Russian, Spanish, Simplified Chinese

29. Mr. Alexandre Rafalovitch also presented the latest version of the CBD online reporting tool. He indicated the existence of two systems: the official system, available at <https://chm.cbd.int>, in which only nationally approved information could be entered, and the test system, available at <https://chm-training.cbd.int>, which could be used for learning purposes. He explained the distinction between the two user roles: the national publishing authority was responsible for approving what was officially published, and the national authorized user could prepare drafts for review and approval by the national publishing

⁸ See <https://www.cbd.int/doc/c/4bb7/7313/e898e4693b6647beb188cdab/chmws-2018-01-item-06-bioland-en.pdf>

authority. He also referred to CBD notification 2016-038,⁹ issued on 21 March 2016, which indicated that CBD national focal points could directly assign those roles to their national users through the online system.

30. Participants were invited to comment and provide feedback on the tools made available by the CBD Secretariat. The overall immediate reaction was positive, and participants indicated that they might provide further feedback as they became more familiar with those new tools.

31. At the end of the session, participants presented their developed Bioland-based test websites and exchanged lessons learned.

Item 7. Strategic vision and road map for national clearing-house mechanisms

32. Under this item, participants were requested to apply the guidance received so far in order to prepare a strategic vision and road map for developing their national clearing-house mechanism. Mr. Rafalovitch and Ms. Meehan provided guidance and assistance as needed.

33. Each country then made a presentation about its strategic vision and road map to develop its national clearing-house mechanism. The result of the work was captured in the country information forms, which are available online at <https://www.cbd.int/meetings/CHMWS-2018-01>. Participants were encouraged to maintain that information up to date after the workshop by providing revised versions whenever applicable.

Item 8. Pending matters

34. Under this item, participants were invited to raise any pending matter for further discussion or ask questions on any matter that would require clarification. A tour de table was made but no pending matter was raised. That gave the participants extra time to further familiarize themselves with the Bioland tool.

Item 9. Synthesis and report of the workshop

35. Under this item, Mr. Alexandre Rafalovitch briefly recapped what had been done during the workshop. He indicated that participants should not hesitate to contact him or his colleague, Ms. Sandra Meehan, for further guidance after the workshop. He encouraged participants to remain in contact with each other for further collaboration or exchange of experiences.

36. Ms. Sandra Meehan then made a presentation on the CHM Award process that would take place at the fourteenth meeting of the Conference of the Parties¹⁰ and on the computer-assisted translation process employed in the Secretariat.¹¹

37. Prior to the closure of the workshop, participants were requested to complete a feedback form. The compiled feedback synthesis is available in annex II and would be taken into account to improve the planning and organization of subsequent workshops.

Item 10. Closure of the workshop

38. The CBD Secretariat and the participants thanked the Japan Biodiversity Fund for financing the workshop. The organizers congratulated the participants for their active participation and motivation. They expressed satisfaction at seeing that the workshop had enabled the exchange of experiences and increased the capacity to develop national clearing-house mechanisms.

39. In closing, Ms. Sheila Vergara of the ASEAN Centre for Biodiversity, emphasized the contribution of the workshop to building capacity for the establishment of national clearing-house mechanisms in the region and particularly for ASEAN member States. She assured ASEAN member States that the ASEAN

⁹ See [Ref. No. SCBD/SAM/TSI/RH/LC/VA/85519](https://www.cbd.int/doc/c/d98a/b2b0/665a3f8b776de7d28945ec81/chmws-2018-01-item-05-awards-en.pdf)

¹⁰ See <https://www.cbd.int/doc/c/d98a/b2b0/665a3f8b776de7d28945ec81/chmws-2018-01-item-05-awards-en.pdf>

¹¹ See <https://www.cbd.int/doc/c/5308/42c7/9e89aab247b2a5b2756dd0a1/chmws-2018-01-item-05-translation-en.pdf>

Centre for Biodiversity would continue to play a supporting role in the region. She said that it was important for each country to take ownership of the management of its national biodiversity-related information. She also mentioned the trend towards increasing use of online tools to facilitate information-sharing and reporting to various conventions while encouraging further synergies in the area.

40. The workshop closed at 12.30 p.m. on 2 February 2018.

*Annex I***LIST OF PARTICIPANTS**

Participant and contact	Organization and address
Bangladesh	
1. Mr. Md. Hafezur Rahaman Assistant Director Tel.: +880 17 12 72 78 72 Email: badalschithi@gmail.com	Department of Environment Sylhet, Bangladesh
Bhutan	
2. Mr. Chencho Dorji Biodiversity Officer Tel.: +975 17 41 67 70 Email: dorjichencho@gmail.com	National Biodiversity Centre Ministry of Agriculture and Forests Thimphu, Bhutan
Cambodia	
3. Mr. Bunthan Keat Chief, Office of Biodiversity Tel.: +855 12 90 95 02 Email: keat.bunthan@gmail.com	General Secretariat of the National Council for Sustainable Development Phnom Penh, Cambodia
Cook Islands	
4. Ms. Heimata Louisa Karika Manager Islands Future Division Tel.: +682 21256 Email: louisa.karika@cookislands.gov.ck	National Environment Service Tupapa Rarotonga, Cook Islands
Indonesia	
5. Mr. Toto Indraswanto Deputy Director of Inventorization and Conservation Information Tel.: +62 812 8118710 Email: indraswanto@yahoo.com	Ministry of Environment and Forestry Jl. Gatot Subratq No. 1 Jakarta, Indonesia
Malaysia	
6. Mr. Nor Azmi Bin Ahmad Principal Assistant Secretary Tel.: +603 88 86 19 61 Email: norazmi@nre.gov.my	Biodiversity and Forestry Management National Nature Protection Service Directorate Ministry of Natural Resources and Environment Level 17, Wisma Sumber Asli No. 25 Persiaran Perdana Precinct 4 62574 Putrajaya, Malaysia

Participant and contact	Organization and address
7. Mr. Yasser Bin Mohamed Arifin Assistant Head of Unit (Strategic) Tel.: +603 03 8886 1610 Email: Yasser@nre.gov.my	National Biodiversity Centre Level 17, Wisma Sumber Als No. 25 Persiaran Perdana Precinct 4 62574 Putrajaya, Malaysia
Maldives	
7. Mr. Saaif Mohamed Rasheed Assistant Environment Officer Tel.: +960 74 44 114 Email: saaif.rasheed@environment.gov.mv	Ministry of Environment and Energy Green Building, Handhuvaree Hingun Maafannu, Male', 20392 Maldives
Mongolia	
8. Mr. Tsogtsaikhan Purev Director, Training and Research Division Tel.: +976 70 10 76 44 Email: tsojopurev@gmail.com	Fresh Water and Nature Conservation Centre Zaisan street-9, Khan-Uul Ulaanbaatar, Mongolia
Myanmar	
9. Mr. Zaw Min Thant Staff Officer Tel.: +95 9 40 00 35 321 Email: zawminthant2004@gmail.com	Nature and Wildlife Conservation Division Forest Department Ministry of Natural Resources and Environmental Conservation Office No. 39 Forest Department Head Office Nay Pyi Taw, Myanmar
Nepal	
10. Mr. Maheshwar Dhakal Chief, Biodiversity and Environment Division Tel.: +977 985 114 2405 Email: maheshwar.dhakal@gmail.com	Ministry of Forest and Soil Conservation Kathmandu, Nepal
Philippines	
11. Mr. Darwin Tejerero Chief, Knowledge and Information Management System Section Tel.: +632 92 04 486 Email: Radniw518@gmail.com	Department of Environment and Natural Resources Biodiversity Management Bureau Ninoy Aquino Parks and Wildlife Center Quezon Avenue, Diliman Quezon City, Philippines

Participant and contact	Organization and address
Singapore	
12. Mr. Choh Shin Koh Manager Tel.: +65 6465 1671 Email: shin_koh@nparks.gov.sg	Biodiversity and Information Policy Branch National Biodiversity Centre National Parks Board Singapore Botanic Gardens 1 Cluny Road Singapore 259569, Singapore
Thailand	
13. Mr. Chatchai Silpsoonthorn Environmentalist, Professional Level Tel.: +66 2265 6685 Email: cspchats@hotmail.com	Office of Natural Resources and Environmental Policy and Planning Rama 6 Road Bangkok 10400, Thailand
Viet Nam	
14. Mr. Nguyen Ba Tu Division of Genetic Resources and Biosafety Management Tel.: +84 24 3705 6868 (ext 3117) Email: tunguyen.bca@gmail.com	Biodiversity Conservation Agency 10 Ton That Thuyet Str., My Dinh, Nam Tu Liem Hanoi, Viet Nam
Secretariat of the Convention on Biological Diversity	
15. Mr. Alexandre Rafalovitch Website Officer, Clearing-House Mechanism Tel.: +1 514 287 7048 Email: alexandre.rafalovitch@cbd.int	Secretariat of the Convention on Biological Diversity 413 Saint Jacques Street, Suite 800 Montreal QC H2Y 1N9, Canada
16. Ms. Sandra Meehan Programme Assistant, Clearing-House Mechanism Tel.: +1 514 287 7008 Email: sandra.meehan@cbd.int	Secretariat of the Convention on Biological Diversity 413 Saint Jacques Street, Suite 800 Montreal QC H2Y 1N9, Canada
ASEAN Centre for Biodiversity	
17. Ms. Sheila Vergara Biodiversity Information Management Tel.: +6341 536 2865 Email: sgvergara@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
18. Ms. Lilibeth Cabebe Tel.: +63917 796 5570 Email: lrcabebe@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
19. Mr. Christian Elloran Tel.: +63917 831 4544 Email: cbelloran@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines

Participant and contact	Organization and address
20. Mr. Jerome Alano Tel.: +6349 536 2865, 0197 533 5696 Email: jsalano@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
21. Ms. Erica Villavelez Tel.: +6349 536 2865 Email: etvillavelez@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
22. Mr. Carlos Aurelio Callangan Tel.: +6349 536 2865 Email: caocallangan@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
23. Ms. Pauline Carmel Joy Eje Tel.: +6349 536 2865 Email: pcjiji@aseanbiodiversity.org	ASEAN Centre for Biodiversity Domingo M. Lantican Avenue, Los Baños, Laguna 4031, Philippines
NatureServe	
24. Ms. Xumei Han Biodiversity Monitoring Specialist Tel.: +01 703 908 1851 Email: Xumei_Han@natureserve.org	NatureServe Arlington, Virginia, United States of America

Annex II

FEEDBACK SYNTHESIS

<i>What were your expectations before attending this workshop?</i>
<ul style="list-style-type: none"> - CHM was a new term for me before attending this workshop. I expected that it would be a great opportunity for me to attend the workshop on the CHM. I also expected to know the current situation of biodiversity and their management system and about the CHM of different countries - To learn more about what should be included in a CHM; Some lessons learned and what is Bioland - My expectations before attending this workshop was what workshop will be the same as other workshops for many participants and generally - Guidance about what CHM should do/provide; What CBD wants on CHM - To learn more about CHM and how it works; To gain more knowledge - I expected to be introduced to Bioland tool and Drupal CMS in general; I expected an active interaction from country delegates; I expected to learn limitations and challenges on adopting Bioland platform - To learn the Bioland tool - To learn about the Bioland tool features and functionalities - I do not expect anything specific, just want to now and learn from other participants in order to develop effective national CHM - Learning from the experiences of other countries and CBD to implement CHM - Learning about requirements of national CHM; Learning from other countries, their journey, experiences on the CHM; Learning the Bioland tool - Information & experience sharing of national and regional CHM; Guidance to improve CHM; - Heavy discussions on the CHM that would require in-depth approvals from the national CHM focal point system; Bioland tool that is hard to learn - To get information about how to build a CHM website; to get information sharing form participant countries about CHM - I was thinking of learning in depth about CHM and learn/share experiences from other countries - Familiar with CHM; Functionalize a national CHM; Learn about other countries' CHMs - To learning Asian regional experiences on CHM; to get some technical assistance on how to upgrade national CHM

<i>Please evaluate the extent to which the workshop has met your expectations</i>				
1 Poor	2 Average	3 Good	4 Very good	5 Excellent
1-				
2-				
3- xxx				
4- xxxxx xxxxx xx				
5- xxx				
<ul style="list-style-type: none"> - All expectations were met although not all have been resolved... partly on our side of the existing platform 				

- Actually, this workshop has given me a lot of things about CHM and its importance. As well, it has given good understanding of how to improve CHM in order to support NBSAP implementation
- It was amazing that the workshop was in contrast of my initial impression of the workshop; It was very light and enlightening from which I learned a lot
- Interesting; convenient

Please evaluate each agenda item

#	Agenda item	Poor	Average	Good	Very Good	Excellent
2.	Objectives and programme			XXXXX XX	XXXXX XXX	XXX
3.	Work programme of the CHM			XXX	XXXXX XXXXX X	XXXX
4.	National and regional Experiences		X	XXXX	XXXXX XXXXX	XXX
5.	Guidance for National CHM		X	XXXXX X	XXXXX XX	XXXX
6.	Training session			XXXXX X	XXXXX XXX	XXXX
7.	Strategic vision and road map for national CHM		X	XXXXX X	XXXXX XXX	XXX
8.	Pending matters		XX	XXXXX	XXXXX XX	X
9.	Synthesis and report of the workshop			XXXX	XXXXX XXXX	XX

- The training session was good. It would also help in the future if there is a manual provided so participants can follow while demo in ongoing. This could also be a helpful tool for the hands-on exercise
- The workshop tackled almost all of the agenda except for a little bit of a fast pace explanation of the topics by Alex, it was an overall easy to follow; The Bioland tool is for me a very viable and useful tool that we can build upon our CHM website
- Hard copy of Bioland tool might be good to continue the CHM process

What do you think was missing in terms of content or substance?

- I think there could be more group work
- I would have preferred that once we reached the training session on Bioland, that we started with a guided exercise to either change or add something to our test sites (as in we all follow along on our own while Alex shows how) before we are free to explore & change as we wish
- Guidance for content on CHM
- Support for maps is very important most especially live maps from various mapping platforms that have data layers
- More hands on of the tool as this is still new to ASEAN countries

- Clear role of national CHM (each country understands the role of the national chm in different ways)
- How is the CBD online report system integrated with Bioland? Sandra mentioned that NRs will be auto-published on country's behalf?
- Maybe the in-depth explanation of the menus of the Bioland tool, to enable us to explore more of its functionalities with connecting to our existing database
- Nothing missing but I think we need a manual book for the practice of the Bioland tool
- I think the workshop needs some group work to enable participants to network more closely with other countries
- Hard and electronic copy of Bioland tool
- Participants might be with different backgrounds. Because this workshop is to give a training session on Bioland tool so there might be two challenges: one is language barrier, and another would be technical barrier. To overcome these two barriers, it would be great if CBD would provide some handouts/or instructions related to Bioland tool before training session

What did you particularly like during this workshop?

- Co-operational intention of Lecturers
- The guidance on some of the processes behind a CHM – site map & potential menus, the business plan and advice on the different elements, role of CHM were very helpful; Exploring the Bioland tool and next steps via road map
- Training session on practical work on computer and websites
- Training sessions
- Bioland tool
- Exploring Drupal CMS and opportunities
- Actual Demo
- The point that it is important to make data discoverable – you don't need to do everything – explore what others are doing and link with them
- Warm welcome of SCBD; excellent workshop; good sharing experience among participants
- The training workshop on CHM has given us the opportunity of using the Bioland tool to development national CHM website
- Networking with international friends; Little things such as earlier dismissal to avoid peak-traffic;
- Bioland tool, experience sharing; road map development for national CHM
- The hands-on experience of working on the Bioland tool for our country CHM website; the development of road map for our national CHM
- Atmosphere
- I liked the flow of the workshop and the content of it
- Demo practice of editing and translation
- Getting some technical advice from CBD and the ASEAN Centre for Biodiversity is the one I really appreciate

What did you particularly dislike during this workshop?

- Not at all
- Room setup. Although it did help in seeing each participant, a classroom setup would have been easier on the neck☺
- Nothing
- Far from hotel; Food not suitable for a Muslim
- None in particular
- System or tool downtime which is unpredictable
- The information asked for requires clearance at higher authority; Would appreciate if advance notification is given or send prior to the workshop
- Just the fast-paced explanation of Alex; We hope he can explain details in a more “non-techie” pace for those of us who are not in IT
- While there was nothing in particular that I disliked during the workshop, I was hoping for some group work
- Nothing; everything in the workshop gave me useful lessons

Please evaluate the extent to which the workshop has helped you understand the role of the CHM, particularly in the context of the Strategic Plan and the NBSAP process

1 Poor	2 Average	3 Good	4 Very good	5 Excellent
1-	2- x			
3- xxxxx				
4- xxxxx xxx				
5- xxx				
<ul style="list-style-type: none"> - We like to hear from CBD about what they expect from National CHM - Although I am not the national focal point for CHM, this gives me opportunity to help the CHM national focal point be more strengthened 				

Please indicate at least one thing that has enhanced your ability to develop your national CHM

- Sharing knowledge and view with different countries about their CHM
- Seeing #5, especially Business Plan
- Organize meeting with Ministry and other organizations in order to establish national CHM
- CHM content
- How to develop content to CHM
- CHM content & functionalities
- Learning the Bioland tool and the role of a national CHM focal point
- Share national experience
- Using the Bioland tool
- With clearer ideas of what a CHM should be, have; Knowing what Bioland has (features)
- CHM road map and Bioland guidance; Technical support from the ASEAN Centre for Biodiversity

- and the Secretariat
- “Role” as part/member of the country CHM that facilitates the activities, planning and be able to recommend actions
 - Knowledge of the Bioland tool; improve knowledge from experience sharing with many other countries
 - I have understood the roles of a CHM & CHM website and I learned the Bioland tool, which will help enhance the development of a national CHM
 - To organize a consultative meeting on CHM among with biodiversity stakeholders
 - Technical aspect

<i>Please evaluate the facilitation of the workshop sessions</i>				
1 Poor	2 Average	3 Good	4 Very good	5 Excellent
1- 2- 3- xxx 4- xxxxx xxx 5- xxxxx xx - But far from hotel - Well prepared				

<i>Please evaluate the organization of the workshop (logistics, administration, etc.)</i>				
1 Poor	2 Average	3 Good	4 Very good	5 Excellent
1- 2- 3- xxxx 4- xxxxx x 5- xxxxx xx - Everything went smoothly and without any hiccups - Will be very good if all the presentation slides could be shared earlier (prior to the workshop proper) for participants to be better prepared/expect - There were no areas of concern for us. Everything was in order - I must say the workshop was very well structured and organized. The snacks were great and time was well managed but one area for improvement could be including group work to enable more networking among the participants				

Please provide below any other comments or suggestions for improvements

- Accommodation facilities and field trip or visit can be included for the improvements of the workshop
- SCBD support and help to countries on communication with other donor organizations to help to maintain national CHM
- I would suggest having a more hands-on up to the administrative level of Drupal not only in content
- Great workshop and looking forward to more support and conduct of such workshops in future
- Technical backstopping/mentoring; Keep informed and in touch on CHM progress update of each country; Provide more events on CHM if possible
- Just stay on point – excellent
- Let's strengthen and enhance networking, sharing best practices on CHM
- As I gave some comments on questions, handout/instruction for technical training should be considered for the next workshop

Do you have any comments or suggestions about this questionnaire?

- To be put online – e.g. web monkey survey
 - It is good to get feedback
 - Perfect
 - Thank you very much CBD for supporting technical training and also thanks to Japanese Government for their kind contribution on CHM development
-