



# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014*

*Montreal, Canada*



## ***Latest Developments of the Clearing-House Mechanism***

*Olivier de Munck, CHM Programme Officer, SCBD*

*Kata Koppel, Documentation Officer, SCBD*

*Sandra Meehan, CHM Programme Assistant*



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



*Background*

*Goal 1 - Central CHM*

*Goal 2 - National CHMs*

*Goal 3 - CHM Network*

*Way Forward*



# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

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## *Background*



# What is the Clearing-House Mechanism?

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



- It is the information exchange platform of the CBD
- It was established in accordance with Article 18.3 to promote scientific and technical cooperation
- It has evolved into a global network of websites consisting of:
  - CBD website
  - National CHMs
  - Partner organizations
- Its implementation is guided by COP decisions
  - Decision X/15  
Mission, goals and objectives of the period 2011-2020
  - Decision XI/2, B  
Work Programme for the CHM in support of the Strategic Plan for Biodiversity 2011-2020

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



## Article 18. Technical & Scientific Cooperation

1. The Contracting Parties shall promote international technical and scientific cooperation in the field of conservation and sustainable use of biological diversity, where necessary, through the appropriate international and national institutions.
2. Each Contracting Party shall promote technical and scientific cooperation with other Contracting Parties, in particular developing countries, in implementing this Convention, inter alia, through the development and implementation of national policies. In promoting such cooperation, special attention should be given to the development and strengthening of national capabilities, by means of human resources development and institution building.
- 3. The Conference of the Parties, at its first meeting, shall determine how to establish a clearing-house mechanism to promote and facilitate technical and scientific cooperation.**
4. The Contracting Parties shall, in accordance with national legislation and policies, encourage and develop methods of cooperation for the development and use of technologies, including indigenous and traditional technologies, in pursuance of the objectives of this Convention. For this purpose, the Contracting Parties shall also promote cooperation in the training of personnel and exchange of experts.
5. The Contracting Parties shall, subject to mutual agreement, promote the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of this Convention.

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



Art. 13 - Education & Public Awareness

Art. 16 - Access to & Transfer of Technology

Art. 17 - Exchange of Information

Art. 18 - Technical & Scientific Cooperation

CHM

... Other Relevant Articles ...

Art. 26 - Reports

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



Art. 13 - Education & Public Awareness

Art. 16 - Access to & Transfer of Technology

Art. 17 - Exchange of Information

Art. 18 - Technical & Scientific Cooperation

... Other Relevant Articles ...

Art. 26 - Reports

CHM

## Contents

### ► Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



# What is a Clearing-House?

## Various definitions

<http://www.merriam-webster.com/dictionary/clearinghouse>

A central agency for the collection, classification, and distribution especially of information; broadly: an informal channel for distributing information or assistance

<http://dictionary.reference.com/browse/clearinghouse>

A central institution or agency for the collection, maintenance, and distribution of materials, information, etc.

<http://dictionary.cambridge.org/dictionary/british/clearing-house>

A central organization which collects and sends out information for other people or organizations

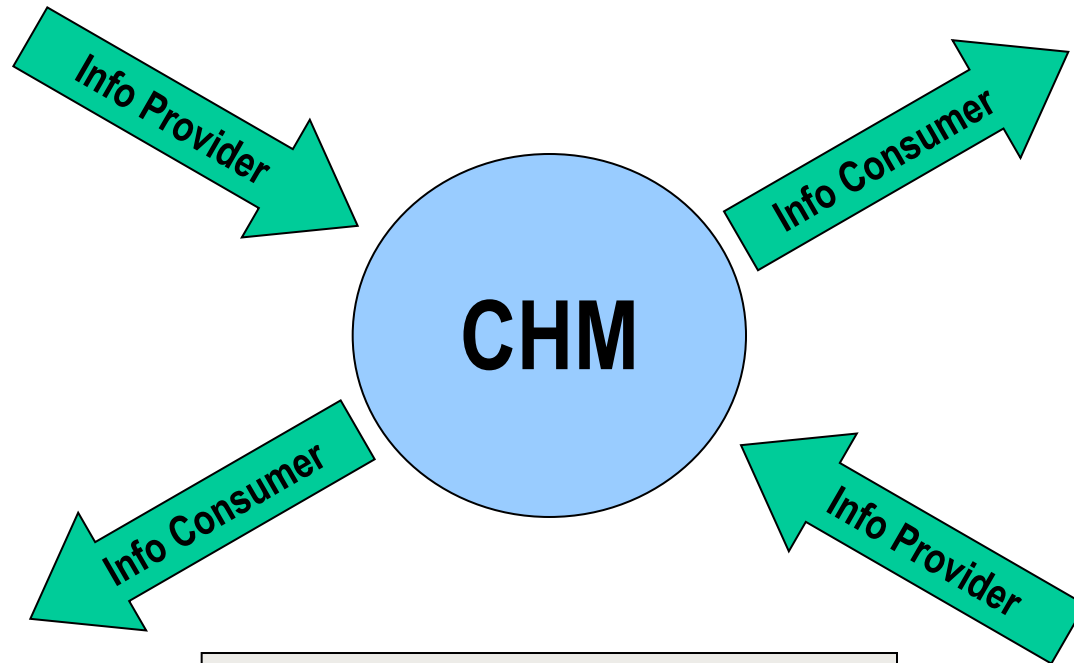
## → Information exchange services



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



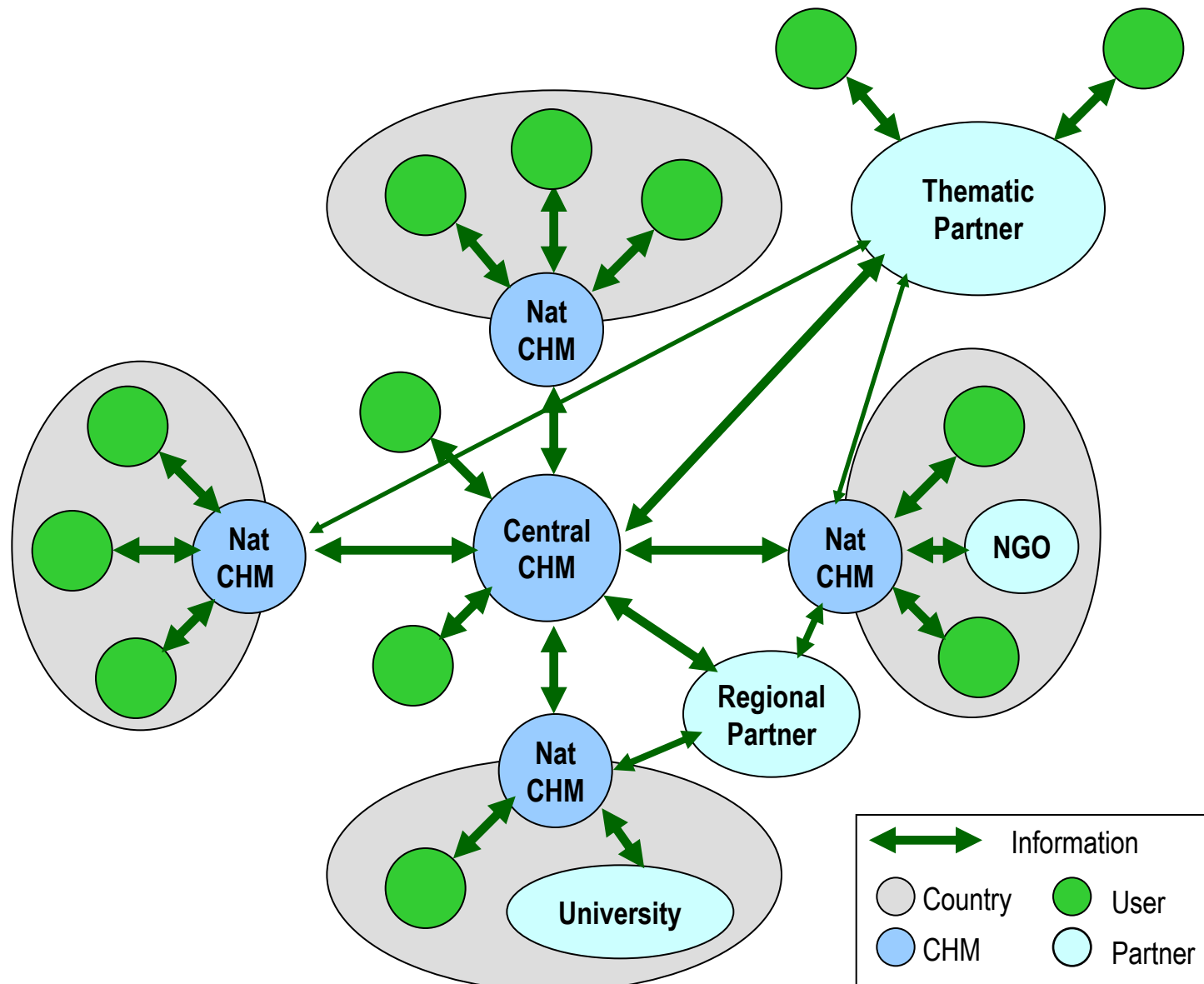
### Two-way exchange

- ✓ Search engine
- ✓ Submission
- ✓ Aggregation
- ✓ Interoperability
- ✓ Connecting
- ✓ Match-making

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



# Strategic Plan for Biodiversity 2011-2020

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



- **Adopted at COP 10** (Decision X/2)
- **Vision for "living in harmony with nature"**  
*By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people*
- **5 Strategic Goals & 20 Aichi Biodiversity Targets for 2020**
  - A. Address the **underlying causes** of biodiversity loss by **mainstreaming** biodiversity across government and society
  - B. **Reduce the direct pressures** on biodiversity and promote **sustainable use**
  - C. **Improve the status** of biodiversity by **safeguarding** ecosystems, species and genetic diversity
  - D. **Enhance the benefits** to all from biodiversity and ecosystem services
  - E. **Enhance implementation** through participatory planning, knowledge management and capacity building
- **Section VI on support mechanisms** (paragraphs 20-25)

## Vision

By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people.

## Mission

Take effective and urgent action to halt the loss of biodiversity in order to ensure that by 2020 ecosystems are resilient and continue to provide essential services, thereby securing the planet's variety of life, and contributing to human well-being, and poverty eradication ...

### STRATEGIC GOAL A:

Address the underlying causes of biodiversity loss by mainstreaming biodiversity

### STRATEGIC GOAL B:

Reduce the direct pressures on biodiversity and promote sustainable use

### STRATEGIC GOAL C:

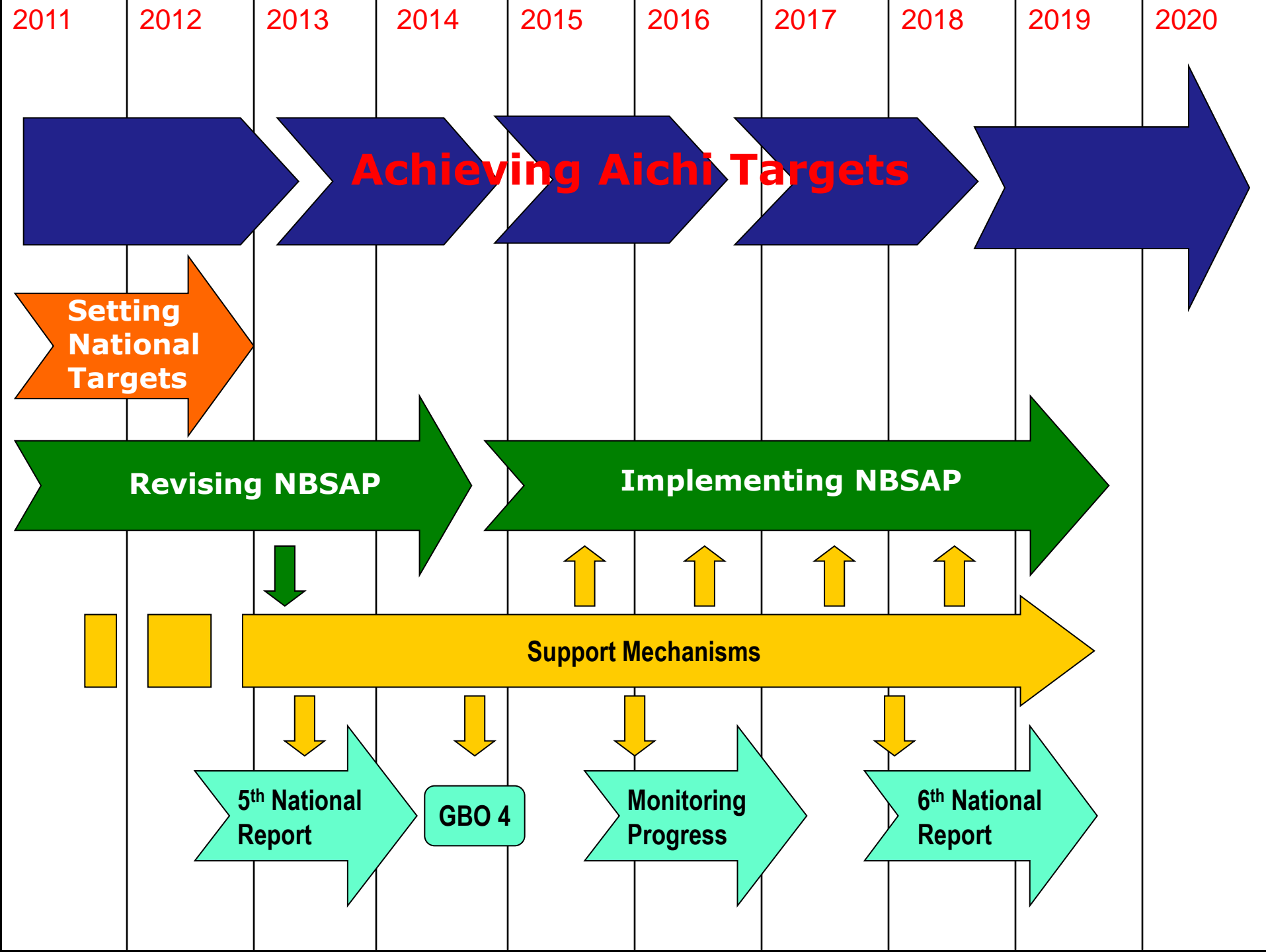
Improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity

### STRATEGIC GOAL D:

Enhance the benefits to all from biodiversity and ecosystem services

**STRATEGIC GOAL E:** Enhance implementation through participatory planning, knowledge management and capacity-building

**Support Mechanisms**



## VI. Support Mechanisms, Paragraph 22

- Collectively those involved in implementing the Convention have a **wealth of experience** and have developed many useful **good practice cases, tools and guidance**. There is additional useful information beyond this community.
- A **biodiversity knowledge network** will be developed including a **database and network of practitioners**, to bring together this knowledge and experience and to make it available through the clearing-house mechanism to facilitate and support enhanced implementation of the Convention.
- **National clearing-house mechanism** nodes comprising **networks of experts** with **effective websites** should be developed and sustained so that in each Party, all have access to the information, expertise and experience required to implement the Convention.
- **National clearing house mechanism** nodes should also be **linked to** the **central clearing-house mechanism** managed by the Convention Secretariat, and **information exchange** between these should be facilitated.

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



### Contents

#### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



*To contribute significantly to the implementation of*

- the Convention on Biological Diversity*
- and the Strategic Plan for Biodiversity 2011-2020*

*through*

- effective information services*
- and other appropriate means*

*in order to promote and facilitate*

- scientific and technical cooperation,*
- knowledge sharing,*
- and information exchange*

*and to establish a fully operational network of Parties and partners*

# Importance of Sharing Knowledge

## Contents

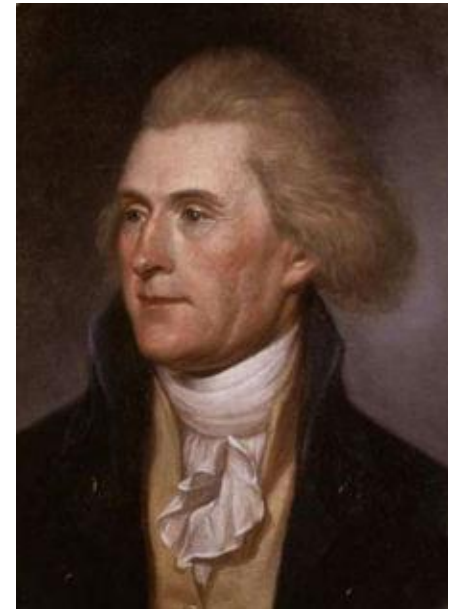
### Background

1. Central CHM
2. National CHMs
3. CHM Network

### Way Forward

*"Knowledge is like a candle.  
When you light your candle from  
mine, my light is not diminished.  
It is enhanced and a larger room is  
enlightened as a consequence."*

**Thomas Jefferson** (1743 - 1826)  
*3<sup>rd</sup> President of the United States*





## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



## Typical Knowledge-related Questions

- **CBD & Biodiversity**
  - What are best practices for managing a protected area?
  - What's the status of implementation of this target by Parties?
  - What was the view of country X on this issue?
  - Do you have facts & figures on this country
- **Human Networking / Community of Practice**
  - Who's who? I can't put a name on this face.
  - Who knows about this study / methodology / technology?
  - How long has this NFP been in charge?
  - Who are our partners in this field / country?
- **Information & Operations Management**
  - Where can I find this document? Is this the last version?
  - Where/How should I store this document?
  - How do you organize a workshop?

# Definition of Knowledge Management

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



*The set of **disciplined and systematic** actions that an organization takes to derive **the greatest value** from the knowledge it **acquires, creates, stores, shares** and **uses**.*

More definitions at [www.knowledge-management-online.com](http://www.knowledge-management-online.com)

## Contents

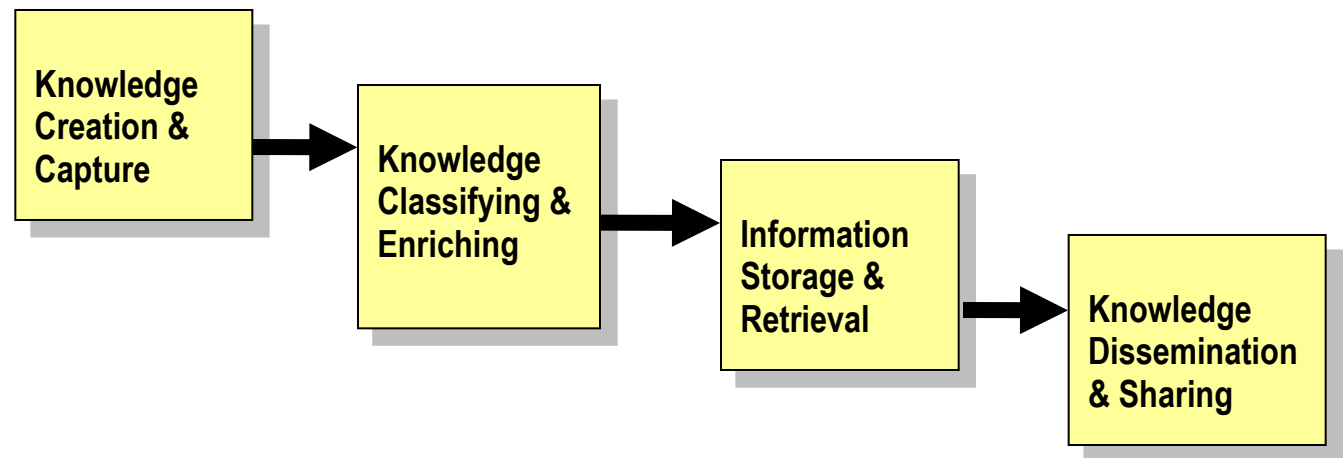
### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



# Managing Knowledge

- **Knowledge resides in people's brains**
  - Some knowledge cannot be captured, codified or stored
  - The human brain keeps its role
  - But we can help it work better and smarter by serving it with the right information
- **Managing knowledge typically consists in providing easy access to the right information in a well-organized way**



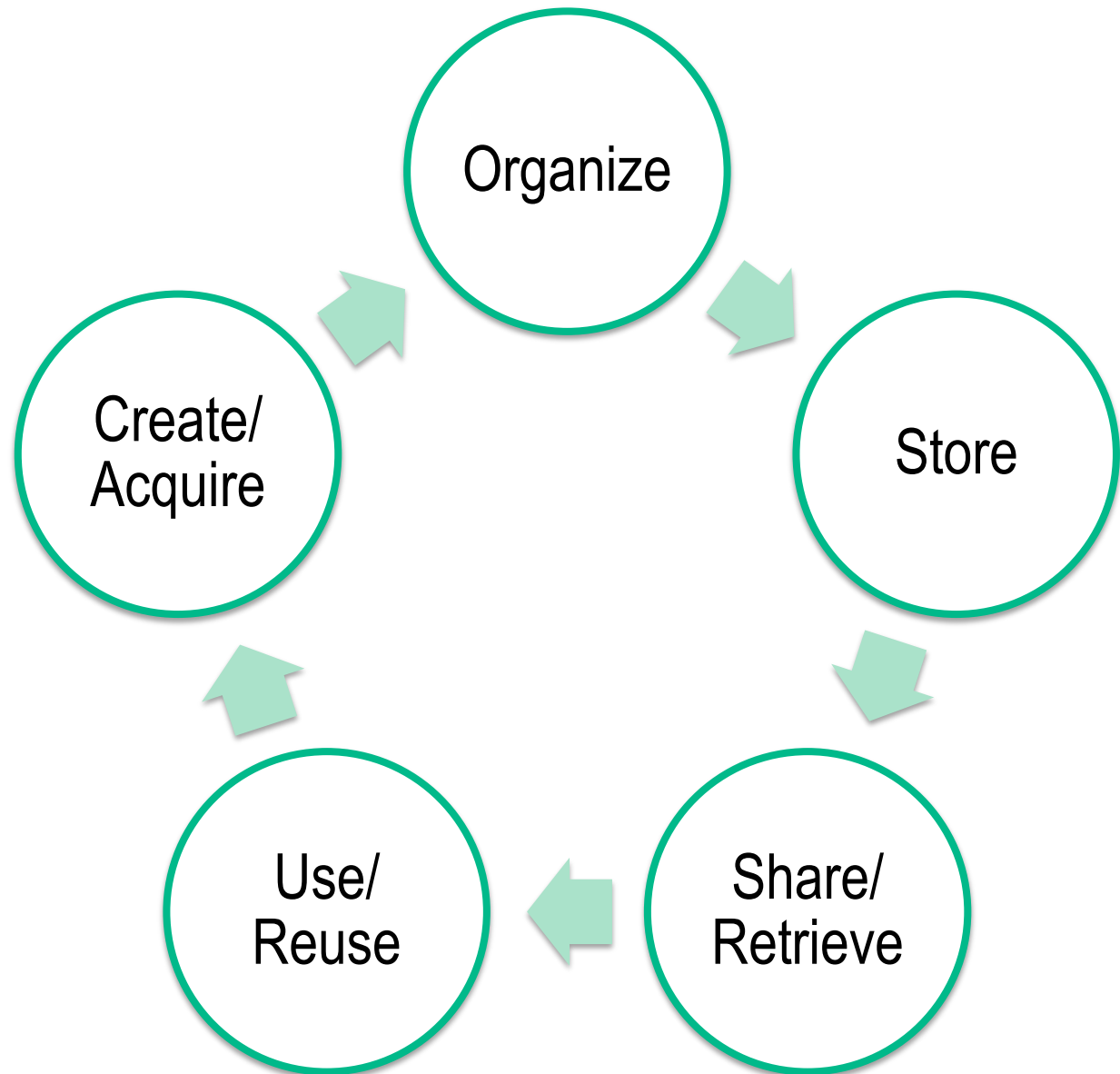
## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



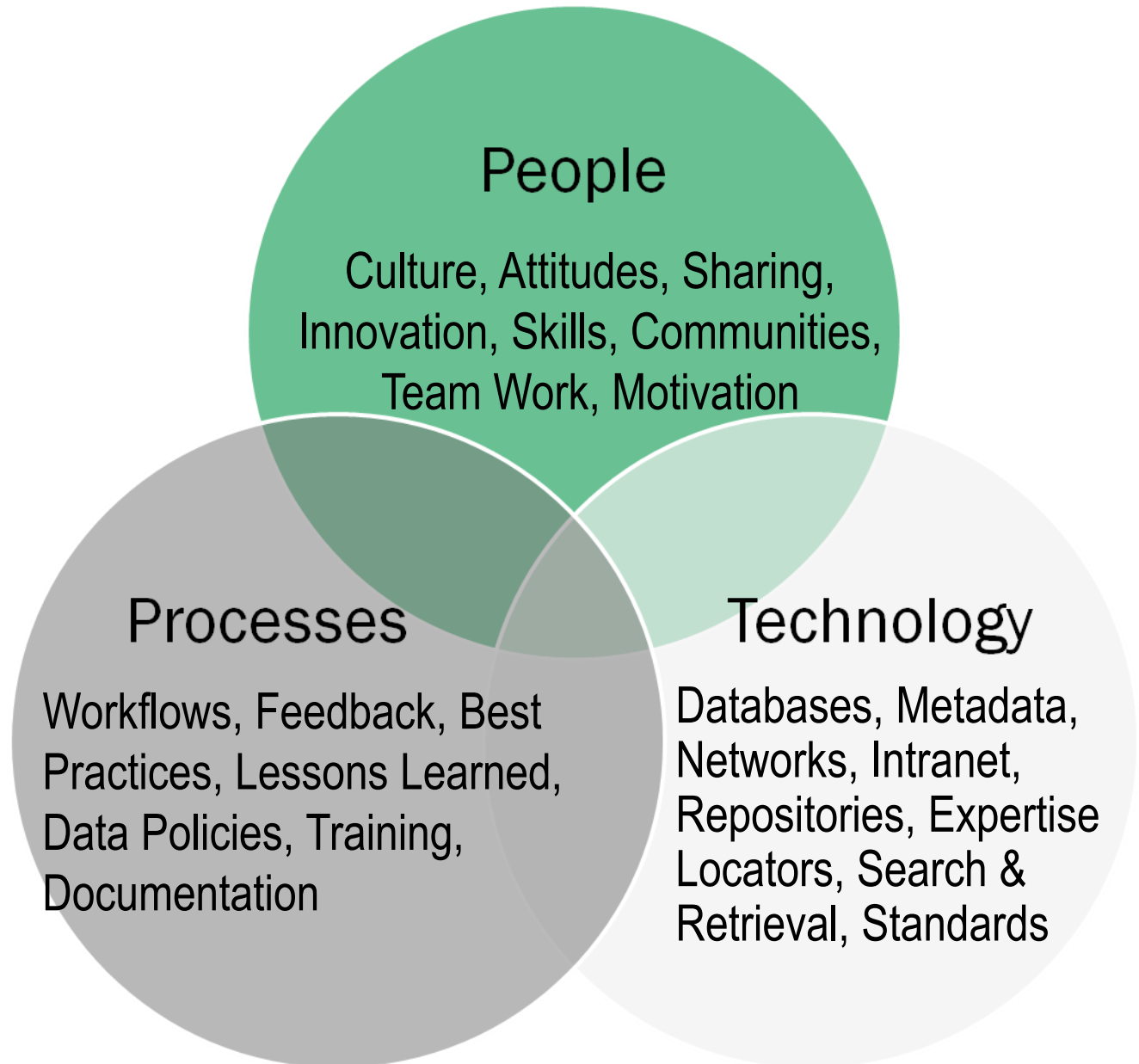
## The Knowledge Cycle



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward

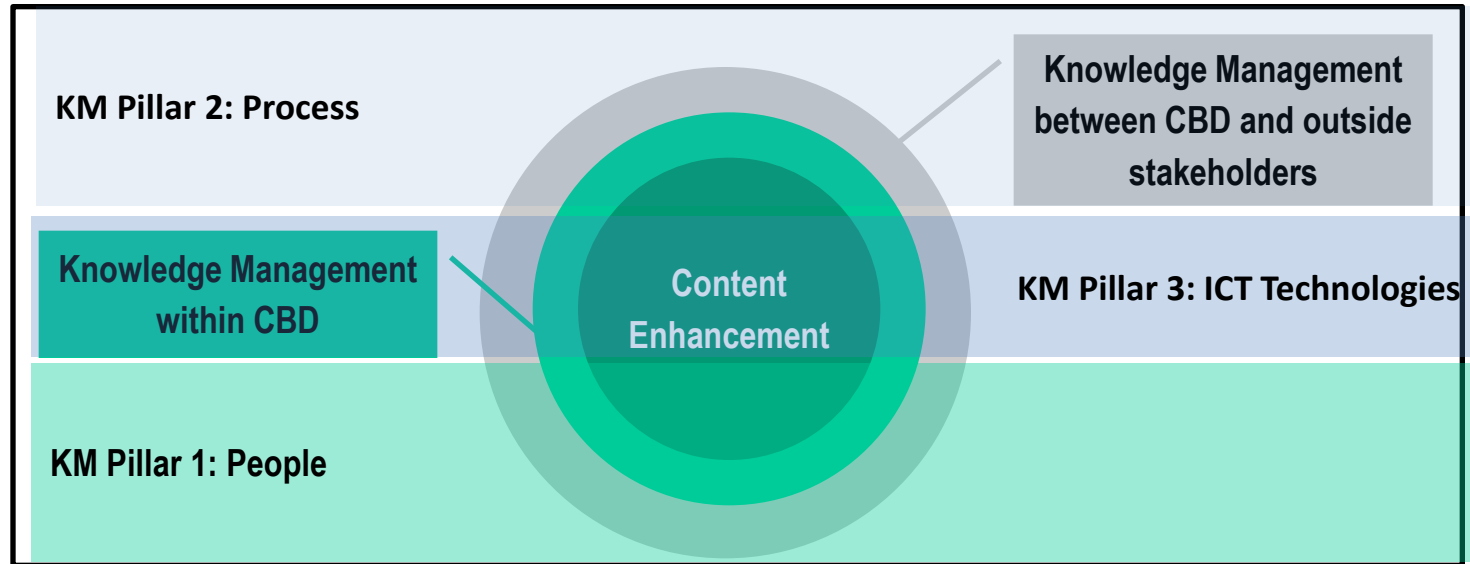


# Content Management & Knowledge Management

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



Content Management falls under a broader  
Knowledge Management Strategy



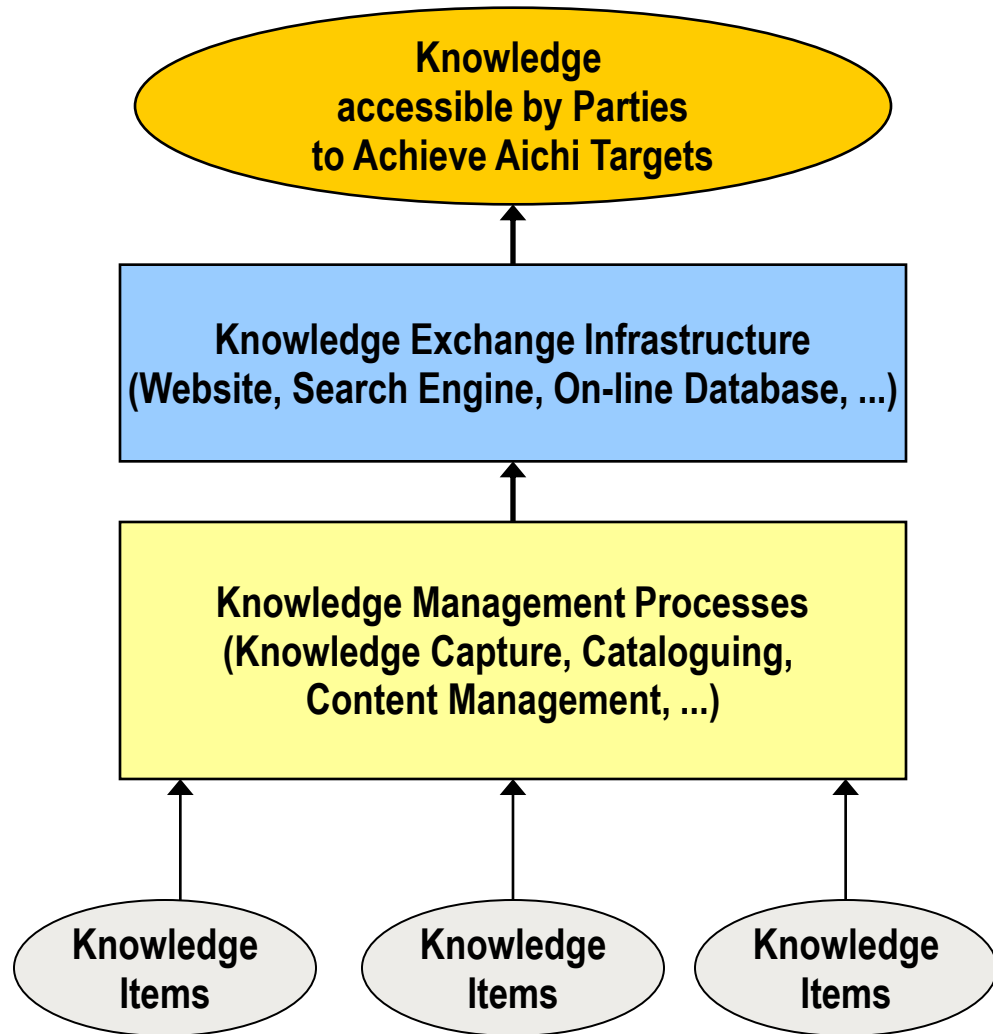
## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



# Scopes of Knowledge Management



### 3 Goals representing 3 levels of implementation

1. *The **central CHM** provides effective global information services to facilitate the implementation of the Strategic Plan for Biodiversity 2011-2020*
2. ***National CHMs** provide effective information services to facilitate the implementation of the NBSAPs*
3. *Partners significantly expand the **CHM network** and services*

→ CHM Mission, Goals and Objectives in decision X/15  
[www.cbd.int/chm/strategy](http://www.cbd.int/chm/strategy)







# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014      Montreal, Canada*



## ***Goal 1. Central CHM***



### Contents

#### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



- 1. The central CHM provides effective global information services to facilitate the implementation of the Strategic Plan for Biodiversity 2011-2020**
  - 1.1. The CBD Secretariat has the capacity to sustain an effective central CHM*
  - 1.2. A high-quality CBD website is available in all UN languages*
  - 1.3. Effective information exchange services are fully operational*
  - 1.4. The CBD Secretariat facilitates the development of a network of experts & practitioners*
  - 1.5. Guidance is available to exchange information through the CHM network*

## Contents

### Background

- ▶ 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- ### Way Forward



- **Unified IT team**
  - SCBD Decision after COP 11 (December 2012)
  - Responsible for the IT implementation of the 3 clearing-houses
  - Priorities set by Senior Management
- **CBD Website Maintenance**
  - Content updates
  - Content translation
- **IT Development**
  - For new CHM information services
  - For other SCBD IT needs (e.g. meeting registration)

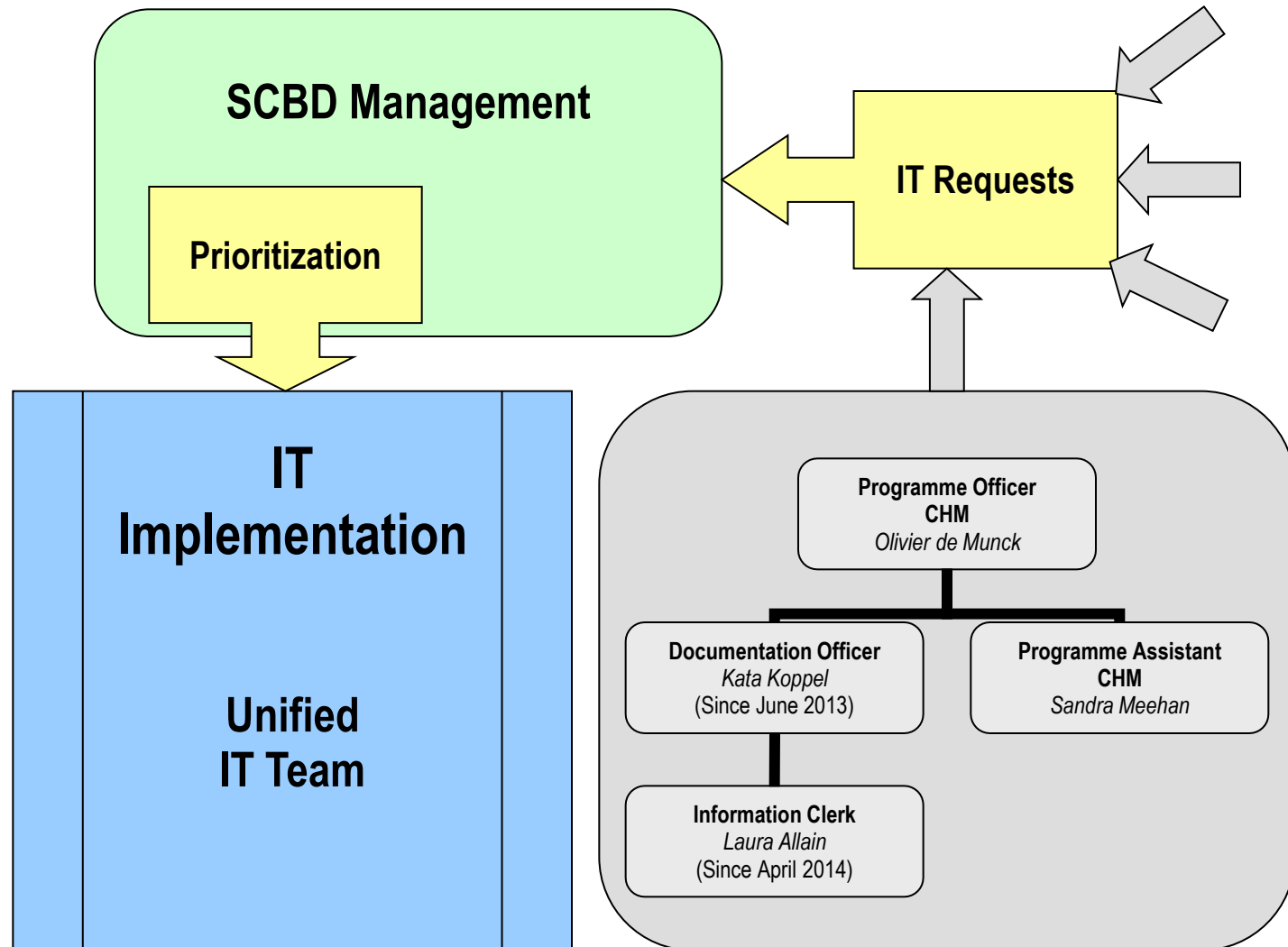
## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



## Unified IT Team




# CBD - [www.cbd.int](http://www.cbd.int)

CBD Home


www.cbd.int

العربية | English | Español | Français | Русский


Sign up for an account | Sign In

 **Convention on Biological Diversity**


The ConventionCartagena ProtocolNagoya ProtocolProgrammesInformationSecretariat



The Strategic Plan for Biodiversity 2011-2020 and its Aichi Targets represent the world's commitment to reduce biodiversity loss. [Read More](#)




United Nations  
Decade on Biodiversity



Strategic Plan  
2011-2020

2389

Days to meet  
the Aichi Targets




COP 11

16 June 2014

Statement by Mr. Braulio Ferreira de Souza Dias, CBD Executive Secretary, on the occasion of the Fifth Meeting of the Ad Hoc Open-Ended Working Group on Review of Implementation of the Convention, 16 - 20 June 2014, Montreal, Canada

[Read More](#)



WGRI-5

Statement by Mr. Braulio Ferreira de Souza Dias, CBD Executive Secretary, on the occasion of the Fifth Meeting of the Ad Hoc

World Day to Combat Desertification, 17 June 2014

**Media Headlines**

- 17 June 2014, [Smithsonian](#)  
Tweaking the Banana's Genome Could Save the Lives of Thousands of Children in Uganda
- 17 June 2014, [RT \(Russia\)](#)  
Genetically modified 'super banana' to be tested on Americans
- 17 June 2014, [Burlington Free Press \(USA\)](#)  
How Ben & Jerry's says goodbye to GMOs
- 17 June 2014, [Christian Science Monitor](#)  
Young foresters help improve forests' food access, economic influence
- 17 June 2014, [ABC News \(Australia\)](#)  
US study finds great white shark population in Pacific Ocean is increasing

[More Headlines](#)

**Decisions & Recommendations**

- 19 October 2012, [Hyderabad](#)  
COP 11 Decisions
- 5 October 2012, [Hyderabad](#)  
COP-MOP 6 Decisions
- 18 October 2013, [Montreal](#)  
SBSTTA 17 Recommendations
- 11 May 2012, [Montreal](#)  
WGRI 4 Recommendations
- 6 July 2012, [New Delhi](#)  
ICNP 2 Recommendations

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



- **Updated on an ongoing basis**
  - 2000+ web posting since COP 11
- **Main updated pages / sections**
  - The home page ([www.cbd.int](http://www.cbd.int))
  - NBSAP pages ([www.cbd.int/nbsap](http://www.cbd.int/nbsap))
  - Pages on the preparation of the 5<sup>th</sup> NR ([www.cbd.int/nr5](http://www.cbd.int/nr5))
  - Nagoya Protocol web portal ([www.cbd.int/abs](http://www.cbd.int/abs))
  - UNDB web portal ([www.cbd.int/2011-2020](http://www.cbd.int/2011-2020))
  - IDB 2013 and 2104 ([www.cbd.int/idb](http://www.cbd.int/idb))
  - Online version of the latest decisions ([www.cbd.int/decisions](http://www.cbd.int/decisions)) and recommendations ([www.cbd.int/recommendations](http://www.cbd.int/recommendations));
  - Biodiversity Champions and pledges ([www.cbd.int/champions/list](http://www.cbd.int/champions/list));
  - Several thematic web portals:
    - Biodiversity for Development ([www.cbd.int/development](http://www.cbd.int/development))
    - Platform on Business and Biodiversity ([www.cbd.int/business](http://www.cbd.int/business))
    - Protected Areas ([www.cbd.int/protected](http://www.cbd.int/protected)).



# SDL Trados - [www.sdl.com](http://www.sdl.com)

Automated Translation Sc x SCBD Intranet x

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Support Resources Contact us Blog My SDL Shop Language Search

SDL

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Translate more content at less cost.

SHARE

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Automated translation

Enabling enterprises to communicate with customers in the right channel, in the right language, at the right time.

AUTOMATED TRANSLATION EXPLAINED

Learn more »

### Contents

#### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



- **Small allocation from SCBD budget  
+ Support from Japan and Canada (voluntary budget)**
- **875,000+ words translated computer assisted translation (CAT)**

Target language	Translated words
Arabic	195,217
French	190,450
Russian	231,672
Spanish	258,000
<b>Total:</b>	<b>875,339</b>

Notes: - Up to March 2014

- Currently lacking approved Chinese translator

- **Content prioritization**
  - 1. Strategic Plan ([www.cbd.int/sp](http://www.cbd.int/sp)) & Aichi Targets ([www.cbd.int/sp/targets](http://www.cbd.int/sp/targets))
  - 2. Recently updated web pages and sections



## Online systems development priorities (set after COP 11)

- Pilot phase of the **ABS-CH** (Top priority)
- **Online reporting system** on
  - progress towards national targets & the Aichi Biodiversity Targets
  - resource mobilization for biodiversity
- **Online library** for biodiversity-related resources
- Repository and information sharing mechanism for **ecologically or biologically significant marine areas (EBSAs)**

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- ### Way Forward



## Progress in development of CHM information Services

### Contents

#### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward

- ABS-CH online at <http://absch.cbd.int>
- EBSA online at <http://www.cbd.int/ebsa>
- Broadened scope of LifeWeb beyond target 11 (5, 9, 12, 13, 14, 15)  
<http://lifeweb.cbd.int>
- New information services at <http://chm.cbd.int>  
(online library & reporting under development)



# ABS-CH - <http://absch.cbd.int>

The screenshot shows a web browser window with the URL <https://absch.cbd.int>. The browser's address bar and tabs are visible at the top. Below the browser window, the website's header features a green navigation bar with the text "ABS-CH PILOT PHASE" and "All information is for testing purposes only". To the right of this bar is a "SIGN IN" button. The main header area contains the ABS-CH logo, which includes the text "ABS-CH" and "ACCESS AND BENEFIT-SHARING CLEARING-HOUSE", along with three navigation links: "Search Information", "Register Information", and "Browse Country Profiles".

The central part of the page has a green background and features the heading "Participate in the testing of the pilot phase of the ABS-CH". Below this heading, there are two main sections: "Sign in" and "No account?". The "Sign in" section includes two input fields for "registered email address" and "password", a "Sign in" button, and a "Remember me" checkbox. The "No account?" section includes the text "Get started. Create your ABS-CH account." and a "Sign up" button. A vertical line separates these two sections, and there are green arrows pointing left and right on either side of the line.

At the bottom of the page, there is a white section with the following text: "The Access and Benefit-sharing Clearing-house (ABSCH) is a platform for exchanging information on ABS and a key tool for facilitating the implementation of the Nagoya Protocol by enhancing transparency on procedures for access and on the utilization of genetic resources, and in this way increasing the opportunities for benefit-sharing." This text is followed by a blue arrow pointing right and the word "read more".

# EBSA - [www.cbd.int/ebsa](http://www.cbd.int/ebsa)

Ecologically or Biologically Significant Marine Areas

Special places in the world oceans

HOME ABOUT EBSAs MEETINGS RESOURCES PARTNERS

View EBSAs Regions

- All Regions
- Western South Pacific Region
- Wider Caribbean And Western Mid-Atlantic Region

Satellite

Google

Imagery ©2014 NASA TerraMetrics Terms of Use

DISCLAIMER: The designations employed and the presentation of material in this map do not imply the expression of any opinion whatsoever on the part of the Secretariat concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

# LifeWeb - <http://lifeweb.cbd.int>

The screenshot displays the LifeWeb website interface within a web browser. The browser's address bar shows the URL [lifeweb.cbd.int](http://lifeweb.cbd.int). The website's header features the LifeWeb logo, the tagline "Partnerships for financing biodiversity", and a navigation menu with links: Home, About, Explore, Share, Benefits, Connect, and CBD. Below the header is a large world map populated with numerous blue location pins, indicating various countries and regions. At the bottom of the page, there are three prominent buttons: "EXPLORE" (with the subtext "national priority projects in need of funding"), "SHARE" (with the subtext "national funding priorities with donors"), and "LEARN" (with the subtext "why finance biodiversity conservation?").




<http://chm.cbd.int>

Clearing-House Mechanism x

https://chm.cbd.int

Warning! Information displayed is for demonstration purposes only and does not reflect CHM records.

 CHM

Finding Information  
Registering Information  
Network  
Resources  
About

LANGUAGE: EN | SIGN IN

Get Started:

**Share knowledge to promote and facilitate technical and scientific cooperation**

Clearing-House Mechanism of the Convention on Biological Diversity

☒ Remember me · [Forgot password?](#)

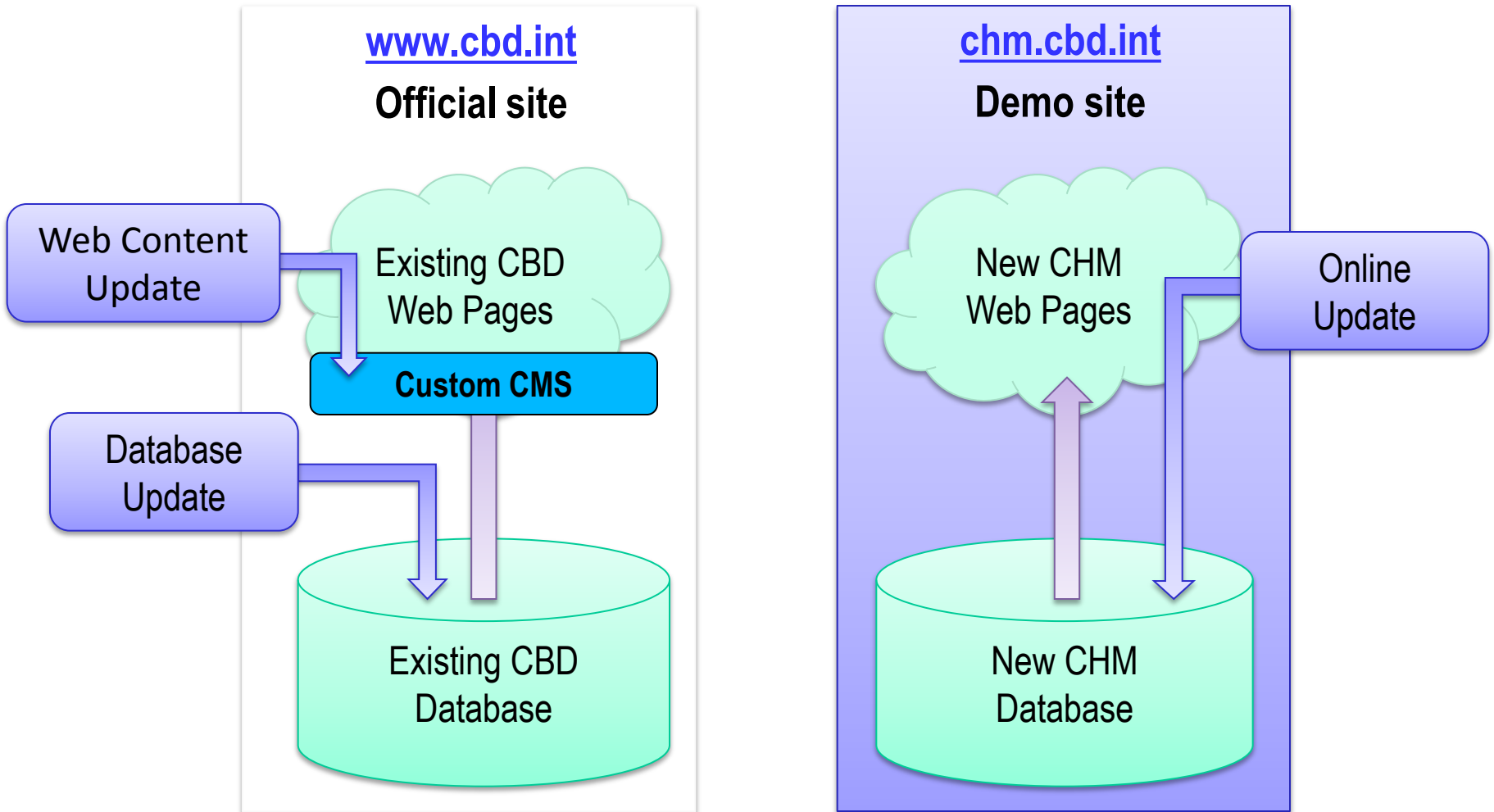
Marine EBSAs.

National Strategies and Action Plans

INTEROPERABILITY  
Introducing REST API.

Resource Mobilization

# Current Web & Database Infrastructure



Common infrastructure with the following components:

- **Faceted search engine** to find information  
<http://chm.cbd.int/database>
- **Online submission system** (accessed with CBD user account)  
<http://chm.cbd.int/management>
- **CBD User account component**  
<http://accounts.cbd.int>
- **Application programming interface (API)**  
to enable interoperability

## Contents

Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward





## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



# Creating a CBD User Account

<https://accounts.cbd.int>

- Sign up
- Fill Form and submit it
- Wait for email and validate

Clearing-House Mechanism x

← → ↻ <https://accounts.cbd.int/signin>

Convention on Biological Diversity

ACCOUNTS

Sign in

Email

Password

☐ Remember me · [Forgot password?](#)

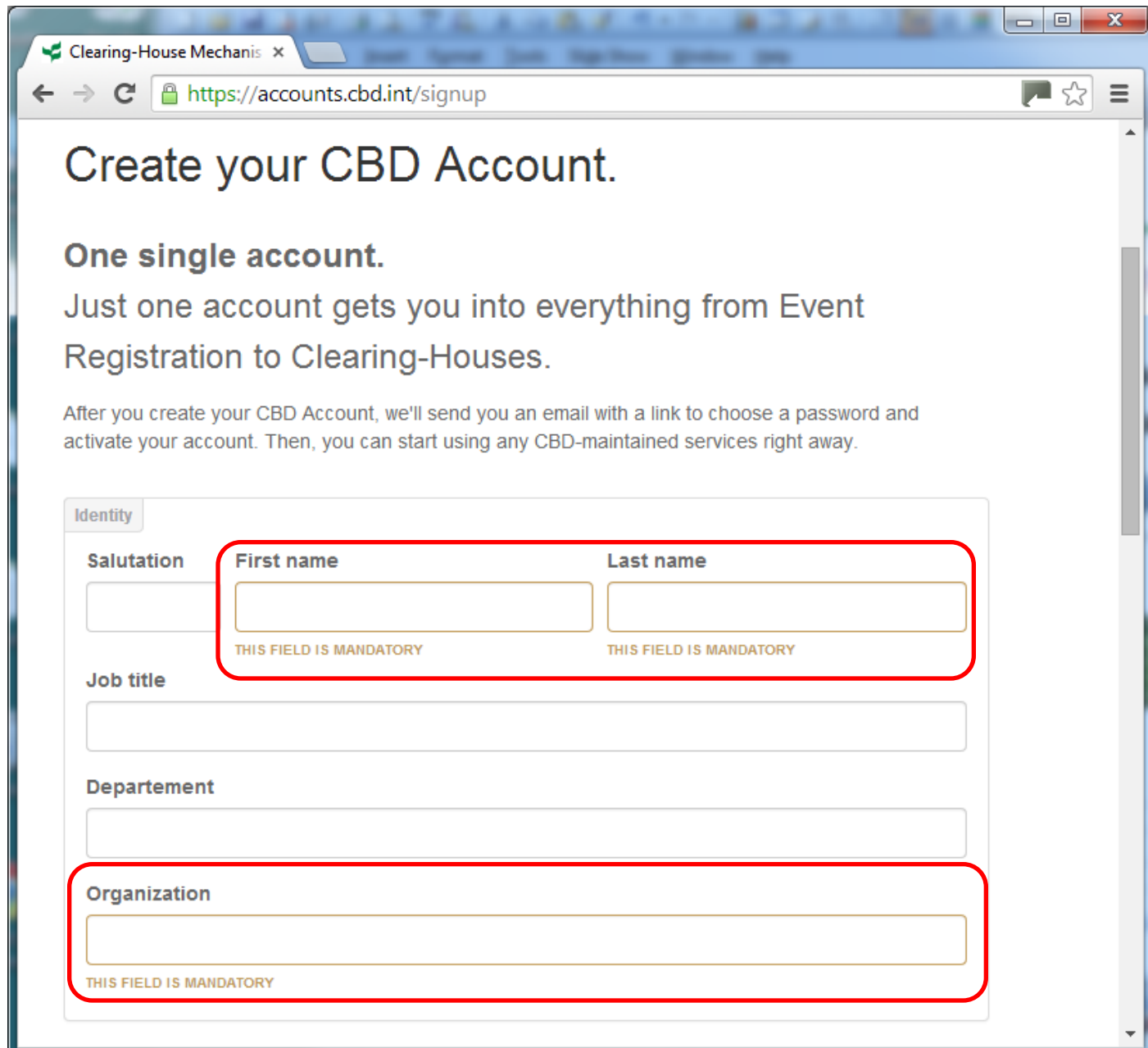
No account?

**Get started.**  
Create your CBD account.

Sign up to access your manage your registered events, print your priority passes, access in-session documents and much more.

Sign up to access and manage your information registered under the different Clearing-Houses including the BCH, ABS-CH and CHM.

# Creating a CBD User Account



The screenshot shows a web browser window with the address bar displaying <https://accounts.cbd.int/signup>. The page title is "Clearing-House Mechanisms". The main heading is "Create your CBD Account." followed by the subheading "One single account." and the text "Just one account gets you into everything from Event Registration to Clearing-Houses." Below this, a paragraph states: "After you create your CBD Account, we'll send you an email with a link to choose a password and activate your account. Then, you can start using any CBD-maintained services right away."

The form is titled "Identity" and contains the following fields:

- Salutation**: A dropdown menu.
- First name**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.
- Last name**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.
- Job title**: A text input field.
- Departement**: A text input field.
- Organization**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.

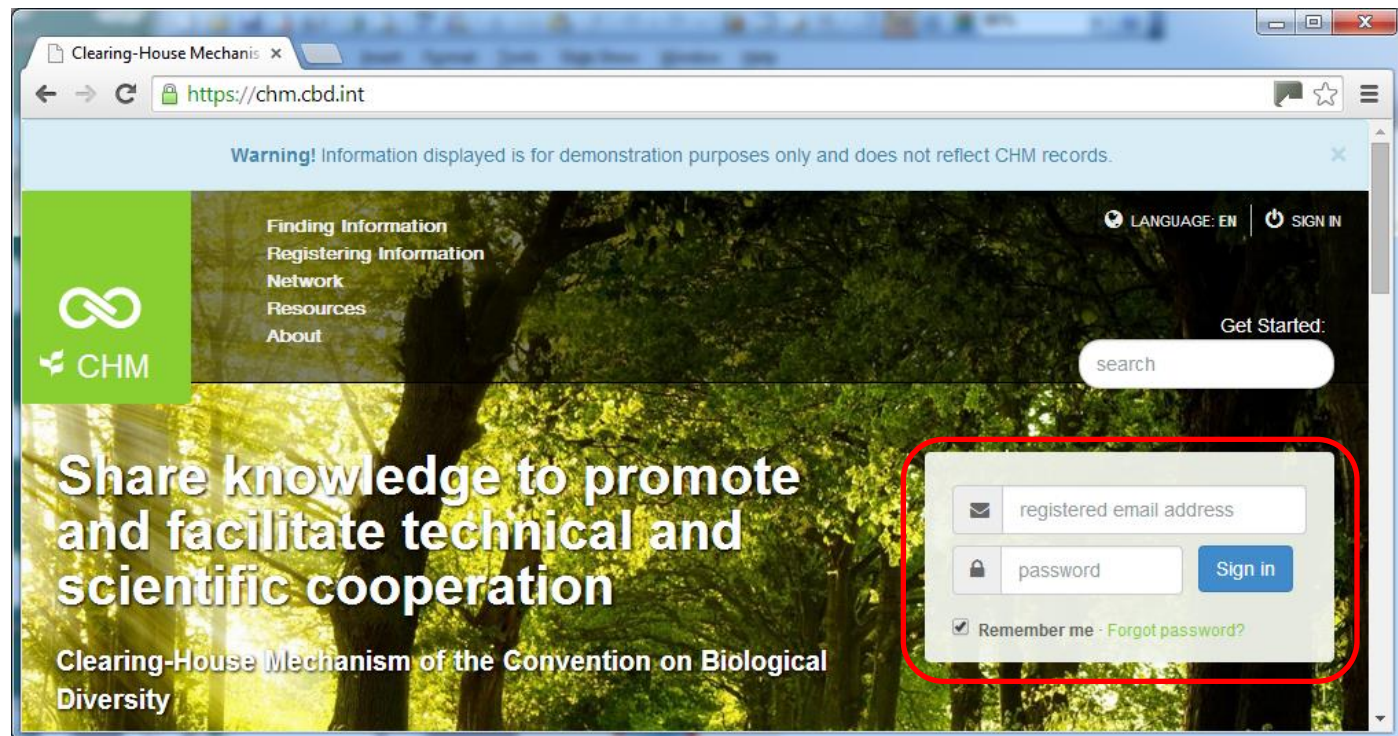
<https://chm.cbd.int>

Sign in

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward





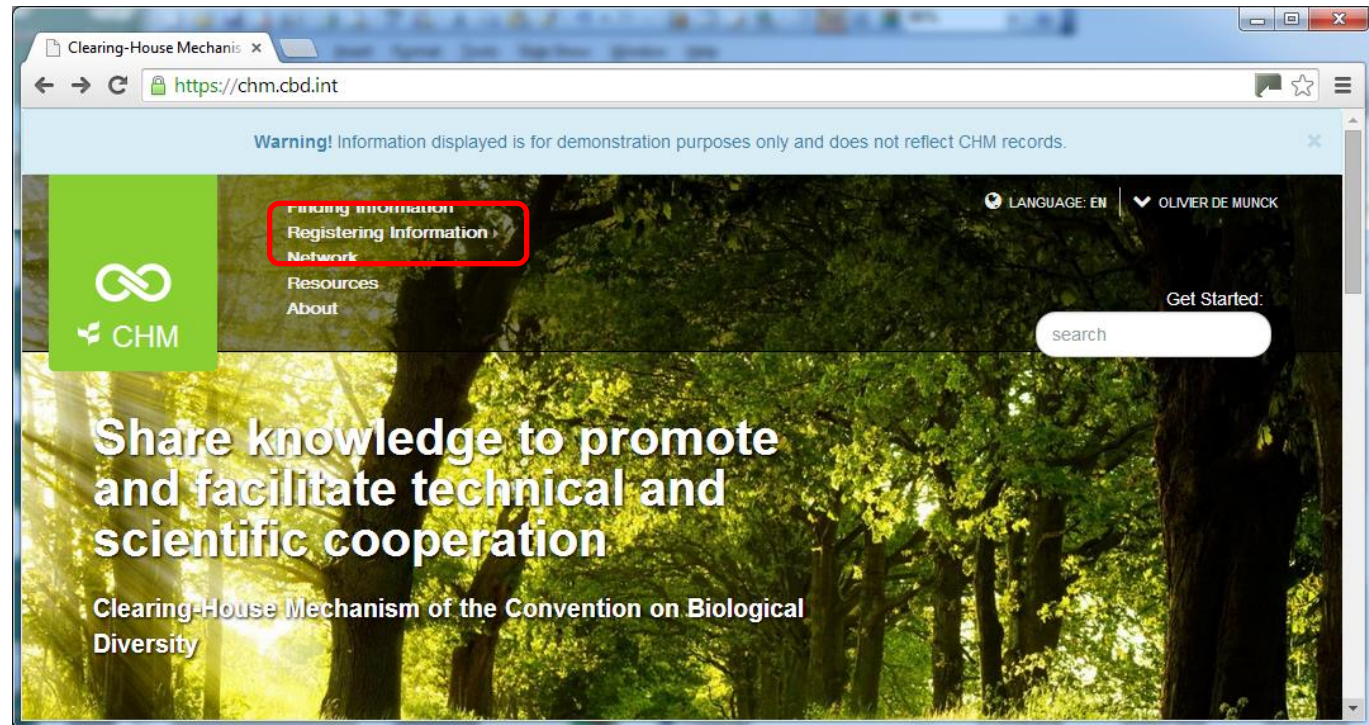
<https://chm.cbd.int>

## Registering Information

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



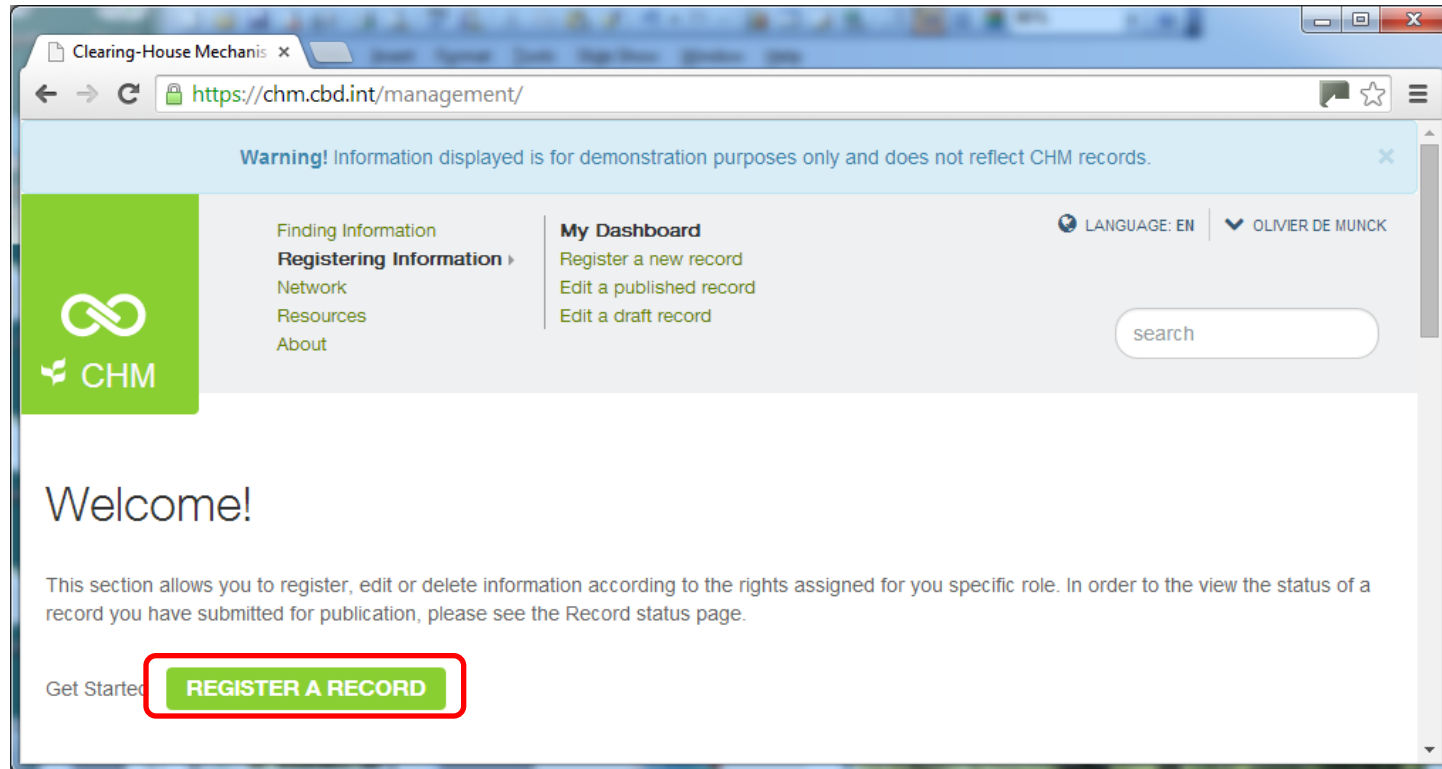
<https://chm.cbd.int/management/>

Register a record

## Contents

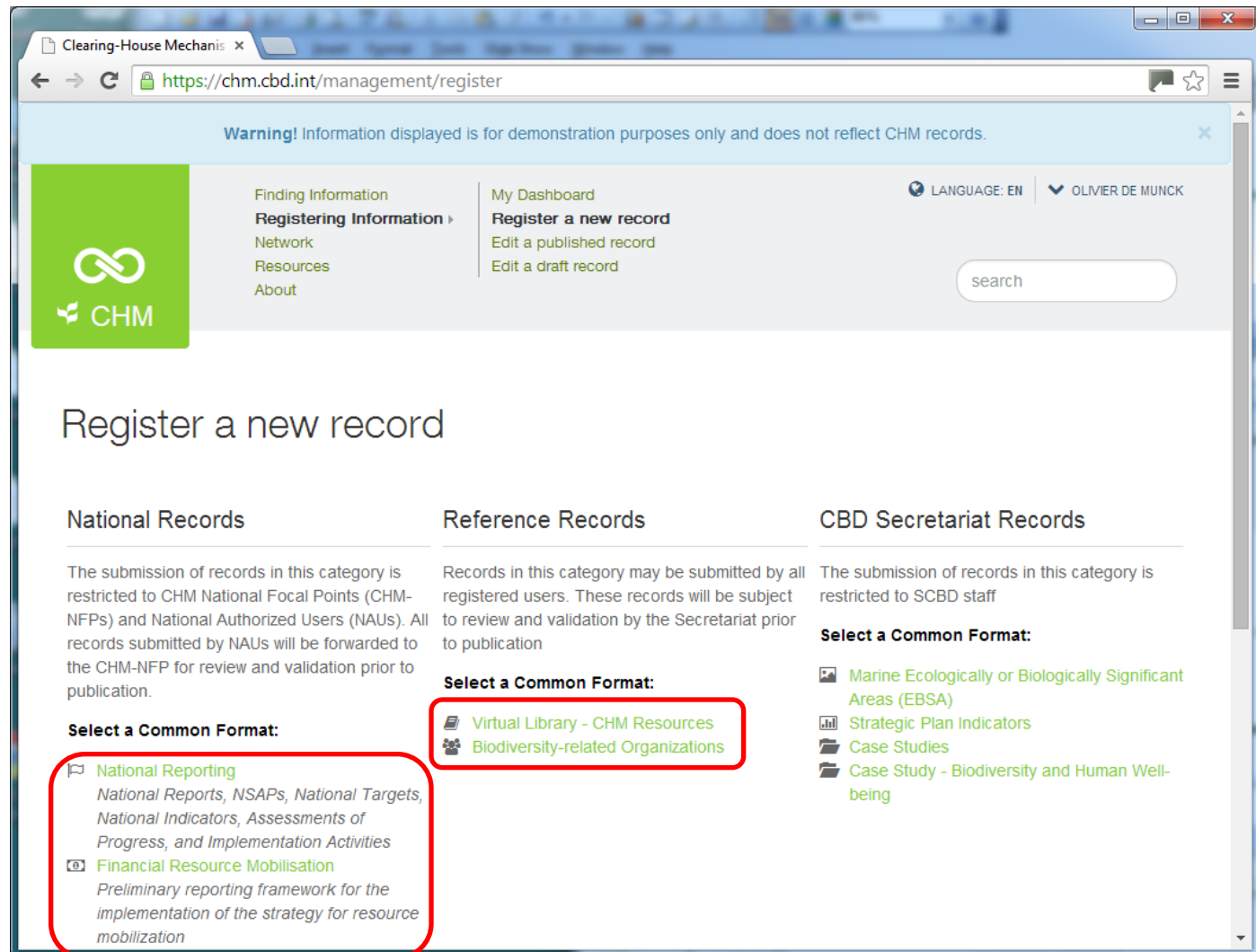
### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



<https://chm.cbd.int/management/register>

Select an information type (common format)

A screenshot of a web browser showing the CHM registration page. The browser's address bar displays 'https://chm.cbd.int/management/register'. A warning banner at the top states: 'Warning! Information displayed is for demonstration purposes only and does not reflect CHM records.' The page features a green sidebar with the CHM logo and a navigation menu including 'Finding Information', 'Registering Information', 'Network', 'Resources', and 'About'. The main content area is titled 'Register a new record' and is divided into three columns: 'National Records', 'Reference Records', and 'CBD Secretariat Records'. Each column contains a description of the record type and a 'Select a Common Format:' section. In the 'National Records' column, two options are listed: 'National Reporting' (with a sub-description: 'National Reports, NSAPs, National Targets, National Indicators, Assessments of Progress, and Implementation Activities') and 'Financial Resource Mobilisation' (with a sub-description: 'Preliminary reporting framework for the implementation of the strategy for resource mobilization'). In the 'Reference Records' column, two options are listed: 'Virtual Library - CHM Resources' and 'Biodiversity-related Organizations'. The 'CBD Secretariat Records' column lists four options: 'Marine Ecologically or Biologically Significant Areas (EBSA)', 'Strategic Plan Indicators', 'Case Studies', and 'Case Study - Biodiversity and Human Well-being'. The 'National Reporting' and 'Financial Resource Mobilisation' options in the first column, along with the 'Virtual Library' and 'Biodiversity-related Organizations' options in the second column, are highlighted with red rectangular boxes.

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



## 3 Submission workflows

<b><i>National records</i></b>	<b>Submitted and validated by countries:</b> Restricted to NFPs, and national authorized users (NAUs) appointed by the NFPs. Records submitted by NAUs are forwarded to the relevant NFP for review and validation prior to publication.
<b><i>Reference records</i></b>	<b>Submitted by any registered user and validated by the CBD Secretariat:</b> Submitted by any registered user. Subject to review and validation by the Secretariat prior to publication.
<b><i>Secretariat records</i></b>	<b>Submitted and validated entirely by the CBD Secretariat</b>

## Contents

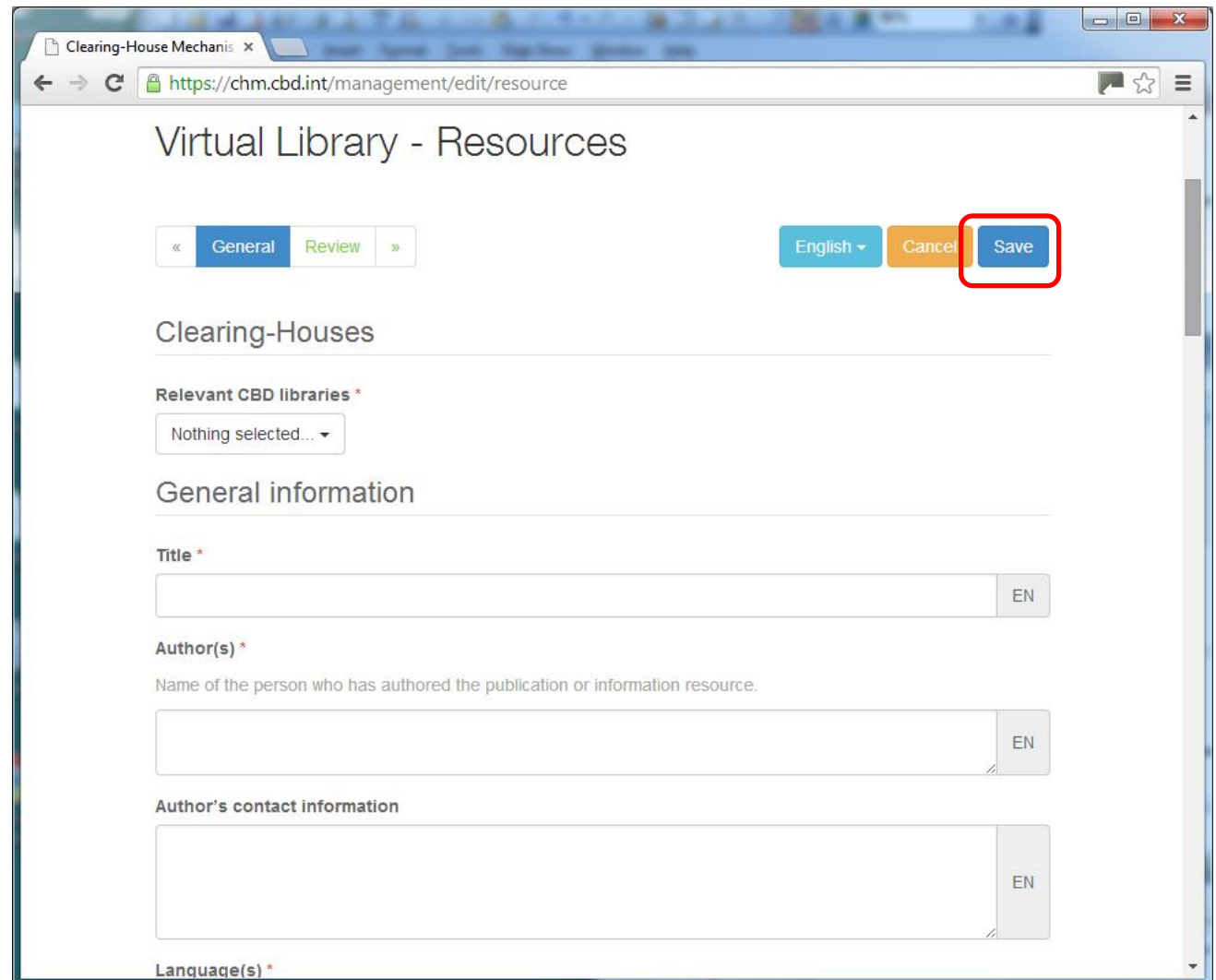
### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



<https://chm.cbd.int/management/edit/resource>

**Enter record data & Save**



The screenshot shows a web browser window with the URL <https://chm.cbd.int/management/edit/resource>. The page title is "Virtual Library - Resources". At the top, there are three buttons: "General" (blue), "Review" (green), and "Save" (blue). The "Save" button is highlighted with a red rectangle. Below the buttons, there is a section for "Clearing-Houses" with a dropdown menu labeled "Relevant CBD libraries \*" showing "Nothing selected...". The "General information" section contains three text input fields: "Title \*" (with a language dropdown set to "EN"), "Author(s) \*" (with a description "Name of the person who has authored the publication or information resource." and a language dropdown set to "EN"), and "Author's contact information" (with a language dropdown set to "EN"). At the bottom, there is a "Language(s) \*" label.

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward





<https://chm.cbd.int/management>

## Manage records

## Contents

### Background


1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



Clearing-House Mechanism x

← → ↻ <https://chm.cbd.int/management/>

**Warning!** Information displayed is for demonstration purposes only and does not reflect CHM records.

 CHM

**Finding Information**  
**Registering Information** ▶  
Network  
Resources  
About

**My Dashboard**  
[Register a new record](#)  
[Edit a published record](#)  
[Edit a draft record](#)

LANGUAGE: EN ▼ OLIVIER DE MUNCK

search


## Welcome!

This section allows you to register, edit or delete information according to the rights assigned for your specific role. In order to view the status of a record you have submitted for publication, please see the Record status page.

Get Started **REGISTER A RECORD**

### Items requiring your attention

ID	Description	Status	Requested on
W6BC-6689 Publishing request	Virtual Library Resource Video #1	Waiting for validation	2014-04-11 20:31 by Laura Allain



<https://chm.cbd.int/database>

Finding information → faceted search engine

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



The screenshot shows a web browser window with the URL <https://chm.cbd.int/database/>. A warning banner at the top states: "Warning! Information displayed is for demonstration purposes only and does not reflect CHM records." The main navigation menu includes "Finding Information" (highlighted with a red box), "Registering Information", "Network", "Resources", and "About". The "Finding Information" section is further divided into "Search" and "Parties and Country Profiles". The search results page displays "1 to 25 of 18895 records found". The results are organized into a table with columns for "Document Types", "Countries", "Regions", "Aichi Targets", and "Thematic Areas". The first three results are:

Document Types	Countries	Regions	Aichi Targets	Thematic Areas
NATIONAL REPORT	Tonga			
5th National Report (2009-2014)				
	<a href="#">Tonga - Fifth National Report</a>			
NATIONAL REPORT	Australia			
5th National Report (2009-2014)				
	<a href="#">Australia - Fifth National Report</a>			
NATIONAL REPORT	Republic of Korea			
5th National Report (2009-2014)				
	<a href="#">Republic of Korea - Fifth National Report</a>			

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward

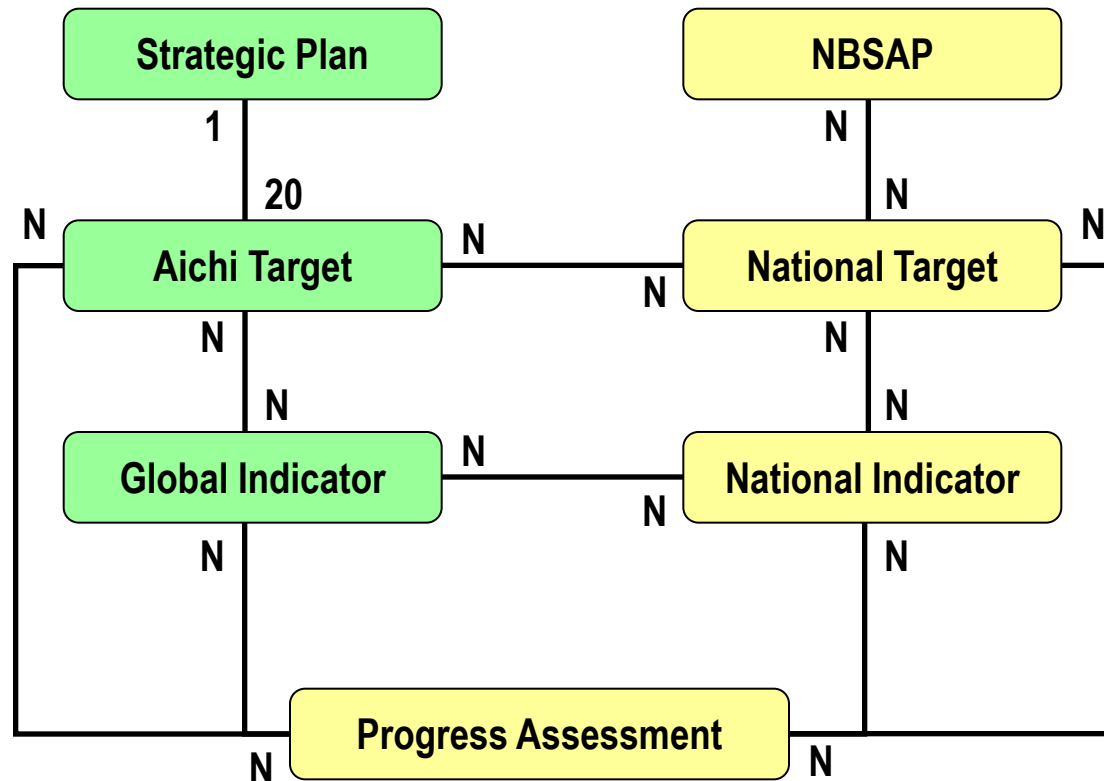


National records	Reference records	Secretariat records
<ul style="list-style-type: none"><li>– NBSAPs</li><li>– National reports</li><li>– National targets</li><li>– National indicators</li><li>– Assessments of progress</li><li>– Implementation activities</li><li>– Financial resource mobilization</li></ul>	<ul style="list-style-type: none"><li>– Library resources</li><li>– Organizations</li></ul>	<ul style="list-style-type: none"><li>– EBSAs</li><li>– Strategic Plan indicators</li><li>– Case studies</li></ul>

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



## Metadata types

<i><b>Content type</b></i>	<i><b>Description</b></i>
<Text box>	Short text
<Text line>	Single line of text
<Text area>	Multi-line text description
<Date>	Date
<Number>	Numeric value
<Yes/No>	Yes/No flag or checkbox
<Email>	Valid email address
<File(s)>	Uploaded file(s), including documents, images or other attachments
<URL(s)>	Insertion of one or more links (URLs)
<Selection(s)>	Single or multiple selection from a controlled vocabulary
<Reference(s)>	Single or multiple references to other submitted records
<Option>	Single option selection through radio buttons (typically used in questionnaires)

## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward



## Contents

### Background

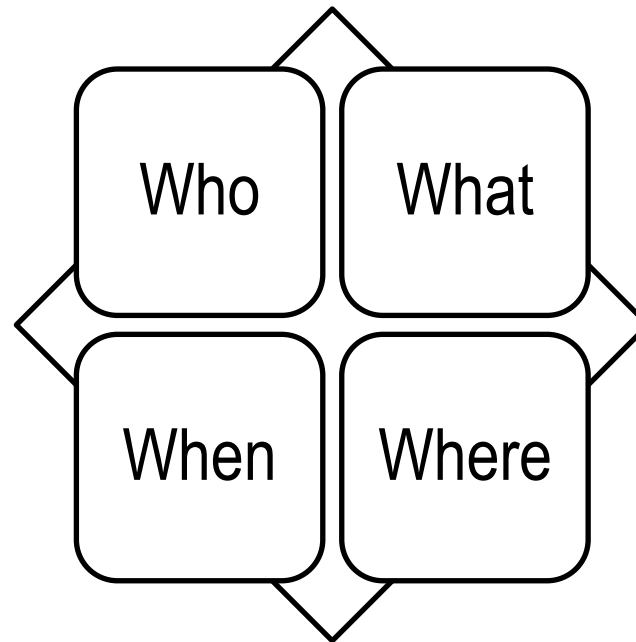
1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



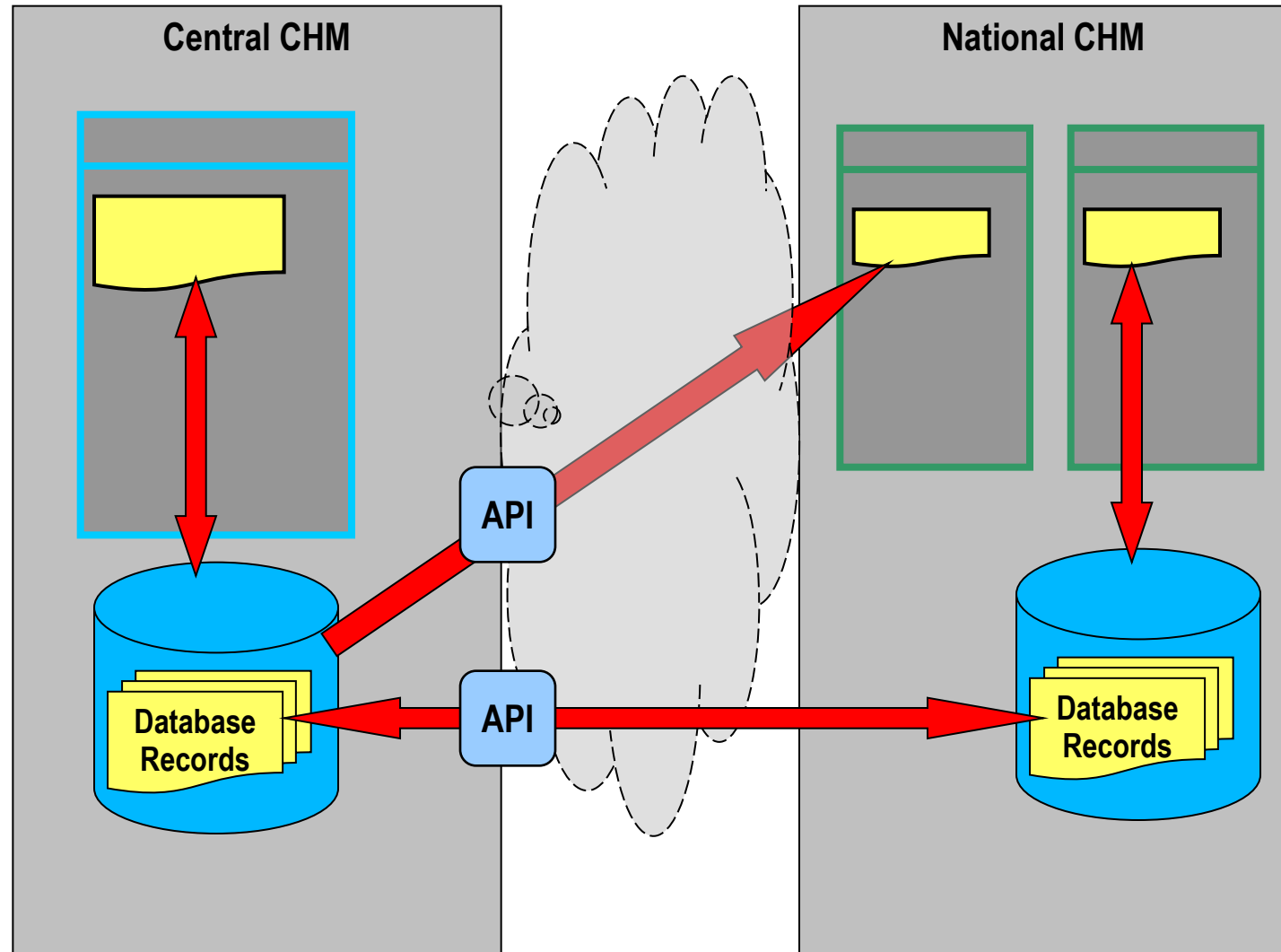
Metadata to describe the information in each record

→ Details in UNEP/CBD/CHM/IAC/2014/1/INF/1

[www.cbd.int/doc/?meeting=chmiac-2014-01](http://www.cbd.int/doc/?meeting=chmiac-2014-01)



## Interoperability through Application Programmin Interface (API)



## Contents

### Background

- 1. Central CHM
  - 2. National CHMs
  - 3. CHM Network
- Way Forward





# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014      Montreal, Canada*



## ***Goal 2. National CHMs***





### **2. National CHMs provide effective information services to facilitate the implementation of the NBSAPs**

*2.1. All Parties have the capacity to sustain effective national CHMs*

*2.2. High-quality national CHM websites are available*

*2.3. National information is exchanged through the CHM network*

*2.4. Parties collaborate and share knowledge through the CHM network*

*2.5. Partners and The CBD Secretariat have contributed to the development of national CHMs*

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



## 1. Complements the central CHM

## 2. Entry point for country biodiversity

- Search result for "[Country] + Biodiversity"

## 3. Organized menu of available information

- Biodiversity
- NBSAP
- Activities / Actors / Cooperation
- References and services (per categories and/or audiences)
- Interactive area (participation / contribution / collaboration)
- About us

## 4. Home page

- Should answer 2 questions:
  - **Where am I?** (in the Internet shopping mall)
  - **What can I do here?** (What can I buy?)
- Promotion of what's recent or most important

# Potential Menu for a National CHM Website

Biodiversity [Country]	Strategy & Implementation	References & Services	Participate & Contribute	About
<p><b>Overview</b></p> <ul style="list-style-type: none"> <li>- Introduction</li> <li>- ...</li> </ul> <p><b>Ecosystems</b></p> <ul style="list-style-type: none"> <li>- ...</li> </ul> <p><b>Species</b></p> <ul style="list-style-type: none"> <li>- ...</li> </ul> <p><b>Threats</b></p> <ul style="list-style-type: none"> <li>- ...</li> </ul> <p><b>Protected Areas</b></p> <ul style="list-style-type: none"> <li>- ...</li> </ul>	<p><b>NBSAP</b></p> <ul style="list-style-type: none"> <li>- Vision</li> <li>- Priorities</li> <li>- Targets</li> <li>- Indicators</li> </ul> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>- Initiatives &amp; Projects</li> <li>- Progress</li> <li>- Reports</li> </ul> <p><b>Actors</b></p> <ul style="list-style-type: none"> <li>- Government</li> <li>- Others</li> </ul> <p><b>Cooperation</b></p> <ul style="list-style-type: none"> <li>- National &amp; Local</li> <li>- Regional</li> <li>- International</li> </ul>	<p><b>For</b></p> <ul style="list-style-type: none"> <li>- Everyone</li> <li>- Educators</li> <li>- Journalists</li> <li>- Government</li> <li>- Scientists</li> </ul> <p><b>About</b></p> <ul style="list-style-type: none"> <li>- Protected Areas</li> <li>- Species</li> <li>- Indicators data</li> <li>- More &gt;</li> </ul> <p><b>References</b></p> <ul style="list-style-type: none"> <li>- Events</li> <li>- Directories</li> <li>- Publications</li> <li>- Legislation</li> <li>- Databases</li> <li>- Maps</li> <li>- Videos</li> <li>- Links</li> </ul>	<p><b>Your actions</b></p> <ul style="list-style-type: none"> <li>- Suggestions</li> <li>- Join us</li> <li>- Your opinion</li> </ul> <p><b>For members</b></p> <ul style="list-style-type: none"> <li>- Forum</li> <li>- Share data</li> <li>- ...</li> </ul>	<p><b>Us</b></p> <ul style="list-style-type: none"> <li>- Who we are</li> <li>- Our mission</li> </ul> <p><b>CBD</b></p> <ul style="list-style-type: none"> <li>- Strategic Plan</li> <li>- Aichi Targets</li> </ul> <p><b>CHM</b></p> <ul style="list-style-type: none"> <li>- Information Exchange</li> <li>- Network</li> </ul>

## 2.1. All Parties have the capacity to sustain effective national clearing-house mechanisms.

2.1.1....

2.1.2. Identify a national structure, as appropriate, to coordinate the development of the clearing-house mechanism with participation of relevant biodiversity-related organizations and stakeholders.

**2.1.3. Prepare a realistic national implementation strategy for the clearing-house mechanism, where appropriate, preferably as a component of the national biodiversity strategy and action plan, based on identified needs and anticipated resources.**

2.1.4. Mobilize and allocate resources for strengthening the institutional capacity to implement the national clearing-house mechanism and for sustaining its operations.

2.1.5. Define roles and responsibilities for collecting, reviewing and disseminating information, managing website content, and for outreach activities, where appropriate.

2.1.6....

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward



## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward



# NBSAP → National CHM Strategy (Burundi)

- **National vision for the CHM in Burundi**

*Between now and 2020, all actors will be provided with information on scientific and traditional knowledge, tools, methods, innovations, technologies and best practices for the analysis and implementation of the NBSAP*

- **4 strategic axis**

1. Effective and efficient **Dissemination** of information, knowledge, data, tools, technologies and awareness-raising practices for the implementation of the Convention
2. **Strengthening** the capacities of the national CHM
3. Facilitation and strengthening of **scientific and technical cooperation**
4. Establishment of a **financial mechanism** for the national CHM



# National CHM → Planning & Reporting

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward

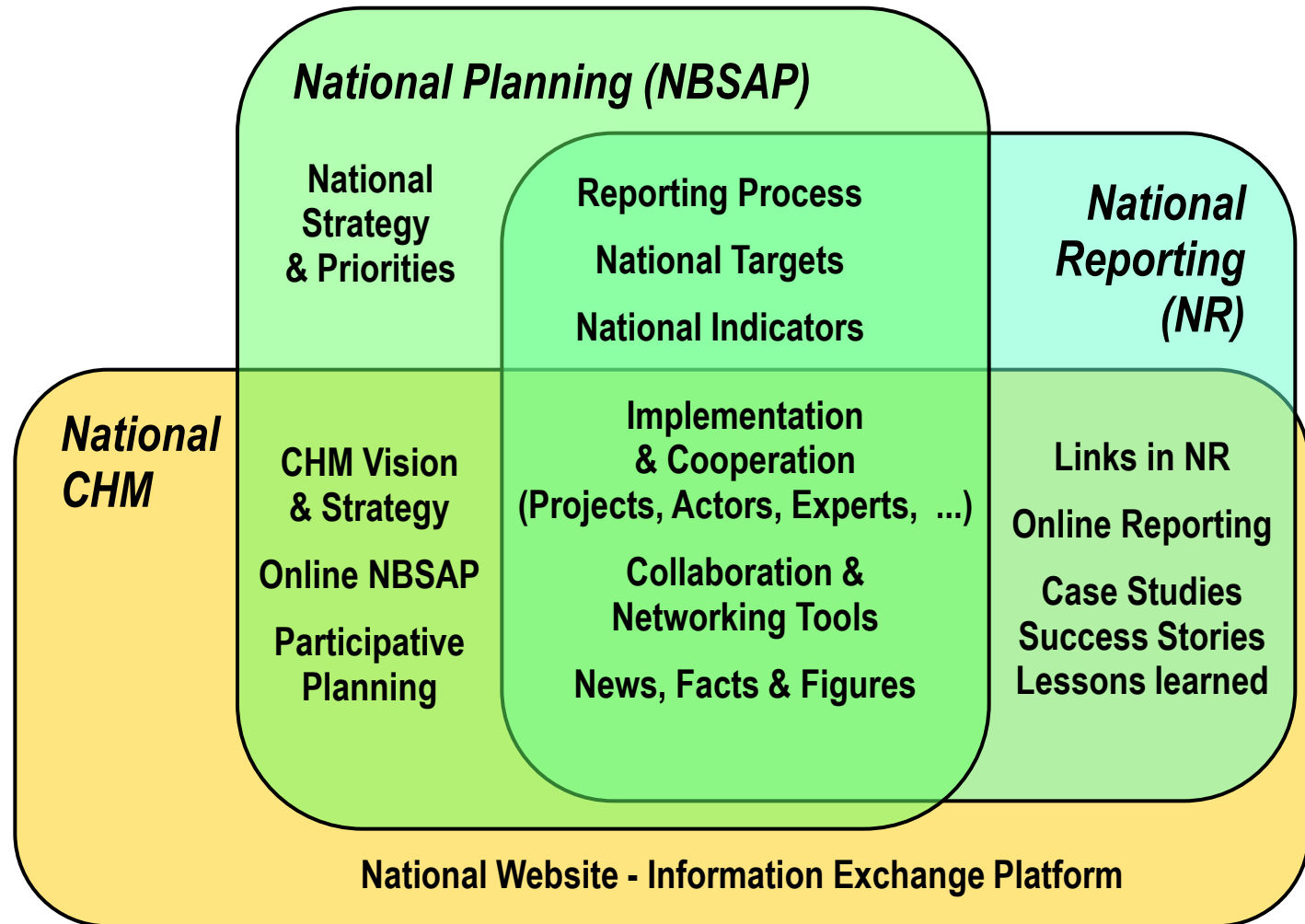


- **National CHM → NBSAP**
  - **Raising public awareness** on national challenges and priorities
  - **Participative planning** through stakeholder consultations to collect views, comments and suggestions
  - **Dissemination of NBSAP** to stakeholders and the public
  - Mobilization of support for participation and implementation
  - Getting feedback on existing NBSAP for review and further planning
- **National CHM → Reporting**
  - **Central collection** of stakeholders' inputs for national reports
  - Provision of relevant **sources of information/data** for reporting
  - **Online collaboration** to collect comments/suggestions on draft report
  - Sharing case studies and success stories
  - **Dissemination and promotion** of national report
  - Providing **up-to-date content for links** in national reports

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



# CHM Capacity Building Workshops

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



- **CHM Capacity-buildings workshops**
  - Funded by Japan Biodiversity Fund (JBF)
  - In parallel with other workshops whenever possible
  - Other workshops funded and convened by Belgian Cooperation
- **CHM Workshops since last COP**
  - **Latin America** (Colombia, May 2013)
  - **Caribbean** (St Lucia, September 2013)
  - **Africa** (Cameroon, May 2014)



## CHM Workshop - Latin America

- 6-10 May 2013 - Villa de Leyva, Colombia
- In parallel with workshop on NBSAP

### Contents

#### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- #### Way Forward



- 16-20 September 2013 - Gros Islet, Saint-Lucia
- In parallel with workshop on 5<sup>th</sup> NR

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward





- 5-9 May 2014 - Buea, Cameroon
- In parallel with meeting of the Belgian CHM Partnership



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Exchange of Experiences

- **Recommended discussions between participants**
  - What should your national CHM do for your country?
  - How to best coordinate the development of your national CHM?
- **Contribution to the:**
  - Strategic vision of the national CHM
  - Roadmap to develop the national CHM
- **Shared outcomes**
  - Workshop reports
  - National presentations
  - National strategic visions and roadmaps

## Roadmap for establishing and strengthening national CHMs

Level	Situation	Action
0	No CHM NFP	Convince Party to nominate CHM NFP
1	CHM NFP not equipped	Find solutions to provide basic infrastructure & communication facilities
2	No national CHM website	Get tools & 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

### Adapt guidance to national situation

- No one-size-fit-all solution
- Various needs → Various approaches and responses

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward



# National CHMs – CBD NFP vs. CHM NFP

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



CBD NFP	CHM NFP
Political Role <ul style="list-style-type: none"><li>- Government representative</li><li>- Diplomat skills</li></ul>	Technical Role <ul style="list-style-type: none"><li>- Project manager</li><li>- Entrepreneur skills</li></ul>
Decision-making process <ul style="list-style-type: none"><li>- Negotiation</li><li>- National Policy</li></ul>	Implementation process <ul style="list-style-type: none"><li>- Scientific &amp; tech. cooperation</li><li>- Information Management (gathering, disseminating)</li><li>- Webmaster</li></ul>

- Both roles are important & time-consuming
  - Adequate capacity to be effective
- Importance of collaboration between CBD & CHM NFPs
  - **CHM NFP should serve the CBD NFP**

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Prepare a "business plan" for the New CHM

- **Institutional arrangements**

- Responsibilities & Terms of references
- Partnership arrangements

- **Resources allocation**

- Human resources
  - Technical: graphic design, programming, webmaster
  - Content: management, update, validation
- Website hosting options
- Web content production & management

- **Activities**

- Building national contact network
- Learn about NBSAP priorities, targets & implementation
- Information gathering & disseminating
- Information architecture & web content preparation
- Outreach & awareness activities



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



# No National CHM Website

## Establish web presence

- **Several options to establish web presence**
  - New or existing website
  - Hosted in-house or externally
  - Select a content management system (CMS)
- **Important decision**
  - Based on available resources and expertise
  - Each option has advantages and drawbacks
  - Big impact on maintenance
  - Political aspect
  - Choose the safest and easiest approach
  - Don't undertake a big project without adequate resources

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Options to establish web presence

- **Hosting a website**

- Requires a solid infrastructure:  
Web server + Firewall + High speed Internet + Support 24/7
- Don't do it unless you have a special team

- **Obtaining space on existing website**

- Agreement with a strong supporting partner
- Many African Countries have their website hosted in Belgium

- **Using a web hosting service on the cloud**

- Many options
- Price depending on usage
- Can be combined with a CMS → Easy solution

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



## Use a Content Management System (CMS)

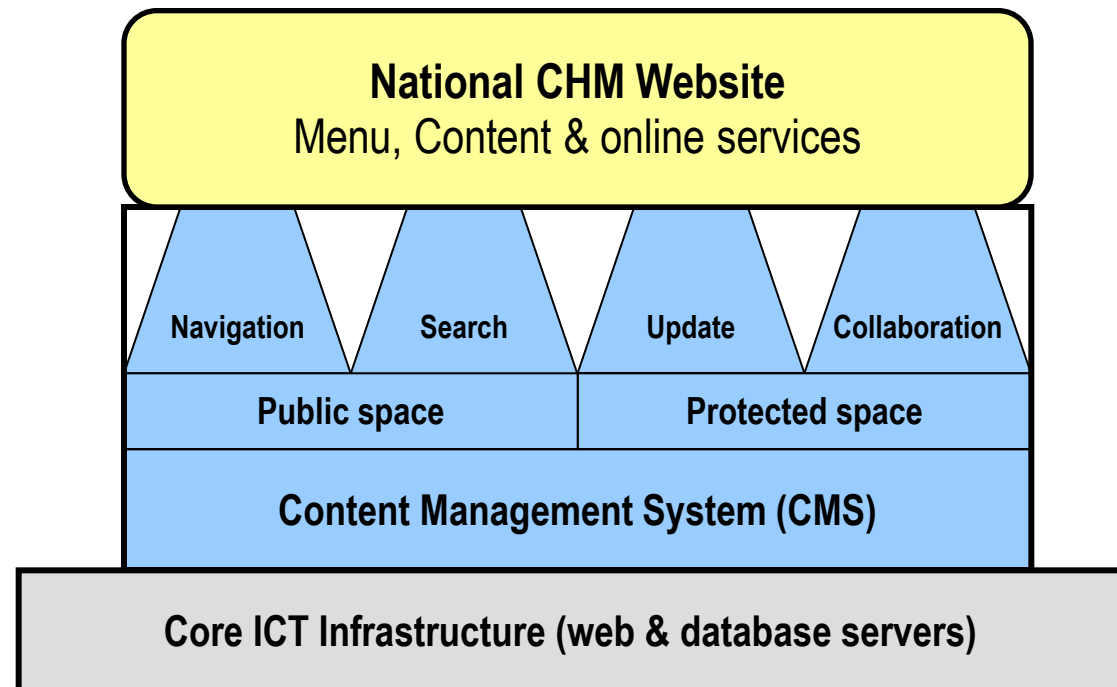
- **Highly recommended**
  - Avoid reinventing the wheel
  - Many features, including templates & multi-lingual capabilities
  - Adherence to modern web standards (XHTML, CSS)
  - Follow trends (e.g. responsive user interface for mobile devices)
  - Easier maintenance and evolution
  - Extensible
- **Selecting a CMS**
  - Several good open-source CMS  
WordPress, Drupal, Joomla, Typo3
  - European Portal Toolkit (PTK)  
Customized open-source built for CHM
  - Commercial CMS or custom solution  
Depends on existing situation

## CMS-based website infrastructure

### Contents

#### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



## No National CHM Website

### Some online references

- **European CHM Toolkit**
  - <http://biodiversity.europa.eu/chm-network/the-european-chm-toolkit>
- **Top 10 Site Builders**
  - Compares online services to build websites
  - <http://www.top10websitebuilders.ca/>
- **Built With - Technology behind the website**
  - Trends - <http://builtwith.com/trends>
  - CMS Usage statistics - <http://trends.builtwith.com/cms>
- **Amazon Web Services (AWS)**
  - Build low-cost scalable database-driven site
  - <http://aws.amazon.com/>
  - <http://www.youtube.com/watch?v=33oxPUvdR-Y>

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



## Join the CHM Network

- **Notification 2008-066**  
[www.cbd.int/doc/notifications/2008/ntf-2008-066-chm-en.pdf](http://www.cbd.int/doc/notifications/2008/ntf-2008-066-chm-en.pdf)
- **Show CHM Logo**
- **Common domain chm-cbd.net**
  - National URL can be maintained
  - To strengthen CHM networking
  - Each country/partner is encouraged to join  
cc.chm-cbd.net (where cc is the country code)  
www.cc.chm-cbd.net (alias)
- **How to join the domain**
  1. Configure the web server to accept the URL
  2. Give URL & IP address to Secretariat
  3. The Secretariat will activate the URL in their Domain Name System (DNS)

## Enhance web content

- **Information Architecture:**

Structure of web navigation (menus, header, footer, search) to provide access to various website sections

- **User Experience:**

Web content must be attractive, easy to find, up-to-date and relevant

- **Usability Testing:**

Prepare test scenarios and involve users in testing the website

- **Requires a permanent effort**

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward





## Enhance web content

- **Reasons of no-use**

- Nobody knows that it exists → audiences
- It is not useful / no demand → strategic vision (marketing)
- Product that does not sell because nobody needs it
- Badly organized; too much information; not up-to-date
- Technical issues, bugs

- **Solutions**

- Target audiences → For whom? What for?
- User monitoring → Feedback, Statistics, "User Testing"
- User experience (UX) → **"User-Centric"** Design
- Information architecture (IA) → Home page & Navigation

*Perfection is achieved not when there is nothing to add,  
but when there is nothing to remove*

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Who are the best designers of effective websites?

- Web Programmers?
- Graphical Designers?
- Artists?
- Others?

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



Who are the best designers of effective websites?

→ Good marketing experts

Because:

- They know **how to sell** a product or service
- They **know their clients** and their behavior
- They know **how to design attractive products** (advertisements, brochures)

## Contents

Background

1. Central CHM

2. National CHMs

3. CHM Network

Way Forward



## References

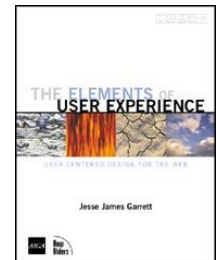
### 1. Content strategy for the web (2<sup>a</sup> Ed.)

- Kristina Halvorson & Melissa Rach
- <http://www.contentstrategy.com>



### 2. The elements of user experience (2<sup>a</sup> Ed.)

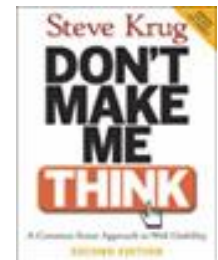
- Jesse James Garrett
- <http://www.jjg.net/elements>



### 3. Don't make me think (2<sup>a</sup> Ed.)

A common sense approach to web usability

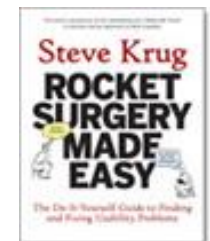
- Steve Krug
- <http://www.sensible.com/dmmt.html>



### 4. Rocket surgery made easy

The DIY Guide to Finding and Fixing Usability Problems

- Steve Krug
- <http://www.sensible.com/rsme.html>



## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward

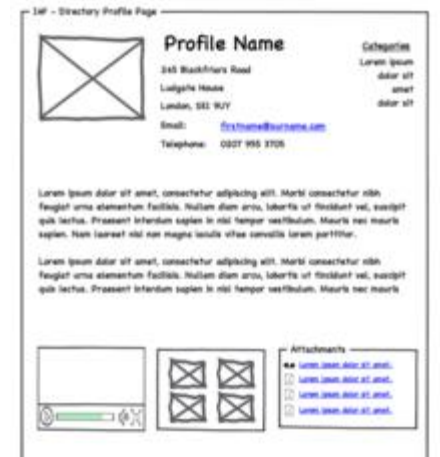


# Website Wireframes

- **What are wireframes?**
  - [http://en.wikipedia.org/wiki/Website\\_wireframe](http://en.wikipedia.org/wiki/Website_wireframe)
  - Represents the skeletal framework of a web pages.
  - Created for arranging elements to best accomplish a particular purpose.
  - Depicts page layouts, including interface & navigation elements and how they work together.
  - Usually lacks typographic style, color, or graphics, since the main focus lies in functionality, behavior, and priority of content.
    - Focuses on what a screen does, not what it looks like.

- **Wireframing tools**

- Paper & pen / Whiteboard
- PowerPoint
- Balsamiq (<http://balsamiq.com>)
- Pencil (<http://pencil.evolus.vn>)
- Many other tools



## Some references

### 1. Learning web design

- <http://www.w3schools.com> → Online tutorials
- <http://www.sitepoint.com> → Specialized in learning for websites

### 2. Graphics

- <http://www.getpaint.net> → Simple graphic software (Paint.Net)
- <http://www.gimp.org> → Photoshop of the poor (GIMP)
- <http://kuler.adobe.com> → To match colors

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network Way Forward



## Typical CHM information services

- Information search
- Databases (species, experts, calendars)
- Directories
- Videos
- Maps
- Forums
- Social networking

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward





## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Examples of national CHM

- **Canada**

- <http://www.biodivcanada.ca>
- Good federal structure

- **Europe - BISE**

- <http://biodiversity.europa.eu>
- Good information architecture

- **Switzerland**

- <http://ch.chm-cbd.net>
- Good integration of 3 treaties

- **Some African CHMs**

- Burundi - <http://bi.chm-cbd.net>
- Cameroon - <http://cm.chm-cbd.net>
- Madagascar - <http://mg.chm-cbd.net>
- Morocco - <http://ma.chm-cbd.net>

biodivcanada.ca - Home x

← → ↻ [www.biodivcanada.ca/default.asp?lang=En&n=DABC84B3-1](http://www.biodivcanada.ca/default.asp?lang=En&n=DABC84B3-1) ☆ ☰



[Home](#)



About Us

Canadian Biodiversity Strategy

Provinces and Territories

Biodiversity Outcomes Framework

Ecosystem Status and Trends 2010

Caring for Canada's Biodiversity

Valuing Nature

United Nations Decade on Biodiversity

Education and Awareness

Access and Benefit-Sharing

International Day for Biological Diversity

Convention on Biological Diversity

Biodiversity Events

Biodiversity Publications

**Welcome to biodivcanada.ca**

Helping protect Canada's biodiversity, while encouraging the sustainable use of our biological resources, is a responsibility that all Canadians can share. With our population of more than 34 million people, we can play a role in preserving the immense natural wealth and valuable ecosystems from which we draw significant social, economic and environmental benefits. Bordered by three oceans, the second-largest nation in the world, Canada is rich in biodiversity, and we depend on it for our survival.

We invite you to celebrate the [UN Decade on Biodiversity \(2011-2020\)](#) and to explore this website. Learn about our country's biodiversity and actions Canada is taking to conserve our biological resources.

**Partnering in biodiversity**

This is the website of the federal, provincial and territorial working group on biodiversity. It profiles biodiversity information, news and events. This website reflects the shared responsibility for biodiversity in Canada and the commitment of federal, provincial and territorial governments to achieve the goals and objectives of the United Nations Convention on Biological Diversity through a collaborative approach. This site also serves as Canada's national biodiversity [Clearing House Mechanism](#).

Franglais

**Highlights**

1 2 3 4 5 6 7 8 Stop



Biokits

BISE - Biodiversity Information System for Europe

biodiversity.europa.eu



HOME | ABOUT BISE | CONTACT US | SITEMAP | Log in

Topics

Policy

Data

Research

Countries

Networks

Assessment of Ecosystems and their Services (MAES) in Europe — Brussels, 22 May 2014 - online registration open



## EU Biodiversity Strategy to 2020

### Our life insurance, our natural capital

The protection, conservation and enhancement of the Union's natural capital is one of the 9 priority objectives of the **7th General Union Environment Action Programme to 2020** 'Living well, within the limits of our planet'.

BISE is contributing to the improvement of the knowledge and evidence base for the European Union's environmental policy.

### BISE Highlights

- Towards the 2020 biodiversity targets
- Mapping and Assessment of Ecosystems


### News - Europe

- SCALES, 07 May 2014:  
Wissenschaftlichen Mitarbeiter
- IISD, 06 May 2014:

### News - World

- CBD, 07 May 2014:  
Peru Minister: 'We are not going to repeat Kyoto'





Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Federal Administration admin.ch

Swiss InformationSystem Biodiversity (SIB)

[Homepage](#) | [Sitemap](#) | [Contact](#) | [Login](#)

[Deutsch](#) | [Français](#)  
[Italiano](#) | [English](#)

[News](#) | [Convention on Biodiversity](#) | [Cartagena Protocol](#) | [Nagoya Protocol](#) | [Documentation](#)

[Information Service Biodiversity Switzerland IBS: News on biodiversity research from the Swiss scientific community](#)

30.04.2014 [The fifth National Report on the Implementation of the Convention on Biological Diversity in Switzerland](#) is available: [Download](#) (pdf, 2.7 MB)

03.12.2013 [The Council of States adopts Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization](#)

01.10.2013 [Nagoya Protocol reaches halfway mark to entry into force](#)

01.10.2013 [New federal act: CITES](#)

11.09.2013 [New national phytosanitary laboratory: Safe research on pests](#)

11.09.2013 [Cartagena Protocol on Biosafety marks its tenth anniversary](#)

27.08.2013 [Model projects: New approaches and new partnerships for sustainable territorial development](#)


14.08.2013 [Impact of GMO on biodiversity: Federal Council supports adoption of an international liability regime](#)

10.07.2013 [New publication: Environment Switzerland 2013](#)

20.06.2013 [New publication: Swiss Environmental Law - A brief guide](#)

03.06.2013 [Area Requirements for the Conservation of Biodiversity and Ecosystem Services in Switzerland](#)


About the Swiss Information System Biodiversity (SIB)



The Swiss Information System Biodiversity (SIB) is Switzerland's contribution to the global network of Clearing-House Mechanisms (CHM) under the Convention on Biological Diversity (CBD).

Approval of the Nagoya Protocol

The Swiss Parliament has approved the Nagoya Protocol and its implementation in the Federal Act on the Protection of Nature and Cultural Heritage on 21 March 2014. The decision is subject to an optional referendum.. [Further information...](#)



Nagoya Protocol on ABS

The Federal Council adopted the message to the Parliament on the approval of the Nagoya Protocol on 10 April 2013. [Further information...](#)

Message on the approval of the N-KL Supplementary Protocol

The Federal Council adopted the message to the Parliament on the approval of the Nagoya – Kuala Lumpur Supplementary Protocol on 14. August 2013. [Further information...](#)

Action Plan on the Implementation of the Biodiversity Strategy

The Federal Council adopted the [Swiss Biodiversity Strategy](#) on 25 April 2012. In order to preserve biodiversity in our country, an action


Search inside SIB

[Advanced Search](#)


[Finding publications](#)

CBD



Convention on Biological Diversity

NATIONAL PARTNERSHIPS



GBIF SWISS NODE

Global Biodiversity Information Facility

sc | nat


Science and Policy  
Platform of the Swiss Academy of Sciences  
Swiss Biodiversity Forum

Swiss Biodiversity Forum

Centre d'Echange d'Inform x

← → X bi.chm-cbd.net

ACCUEIL ACTUALITÉS ÉVÉNEMENTS CARTE GLOSSAIRE À PROPOS



**Centre d'Echange d'Informations du Burundi**  
Convention sur la Diversité Biologique

Connexion  
  
**Chercher**

Anglais Français

Convention Biodiversité Mise en Oeuvre Coopération Information et liens



**PLANTE DU MOIS**  
  
*Osyris quadripartita* Salzm. ex

**BIENVENUE AU CENTRE D'ECHANGE DE LA REPUBLIQUE DU BURUNDI**

Le [Centre d'échange \(CHM\)](#) dans le cadre de la Convention (CDB) est un instrument d'échange d'informations conçu pour promouvoir et faciliter la coopération technique et scientifique en vue de réaliser les trois objectifs de la Convention à savoir:

- la conservation de la diversité biologique,
- l'utilisation durable de ses éléments et
- le partage juste et équitable des avantages découlant de l'usage des ressources biologiques.

**NOUVEAUTÉS**

- [Formation sur la conservation et informatisation de collections muséales en zoologie et géologie au Musée Royal d'Afrique Centrale de Tervuren, en Belgique](#) [publié le 13/03/2014]
- [Avis d'appel d'offre de l'Institut National pour l'Environnement et la Conservation de la Nature/Projet Biodiversité](#) [publié le 19/02/2014]
- [Atelier de validation d'une Etude d'Exploitation Durable d'Osyris](#)

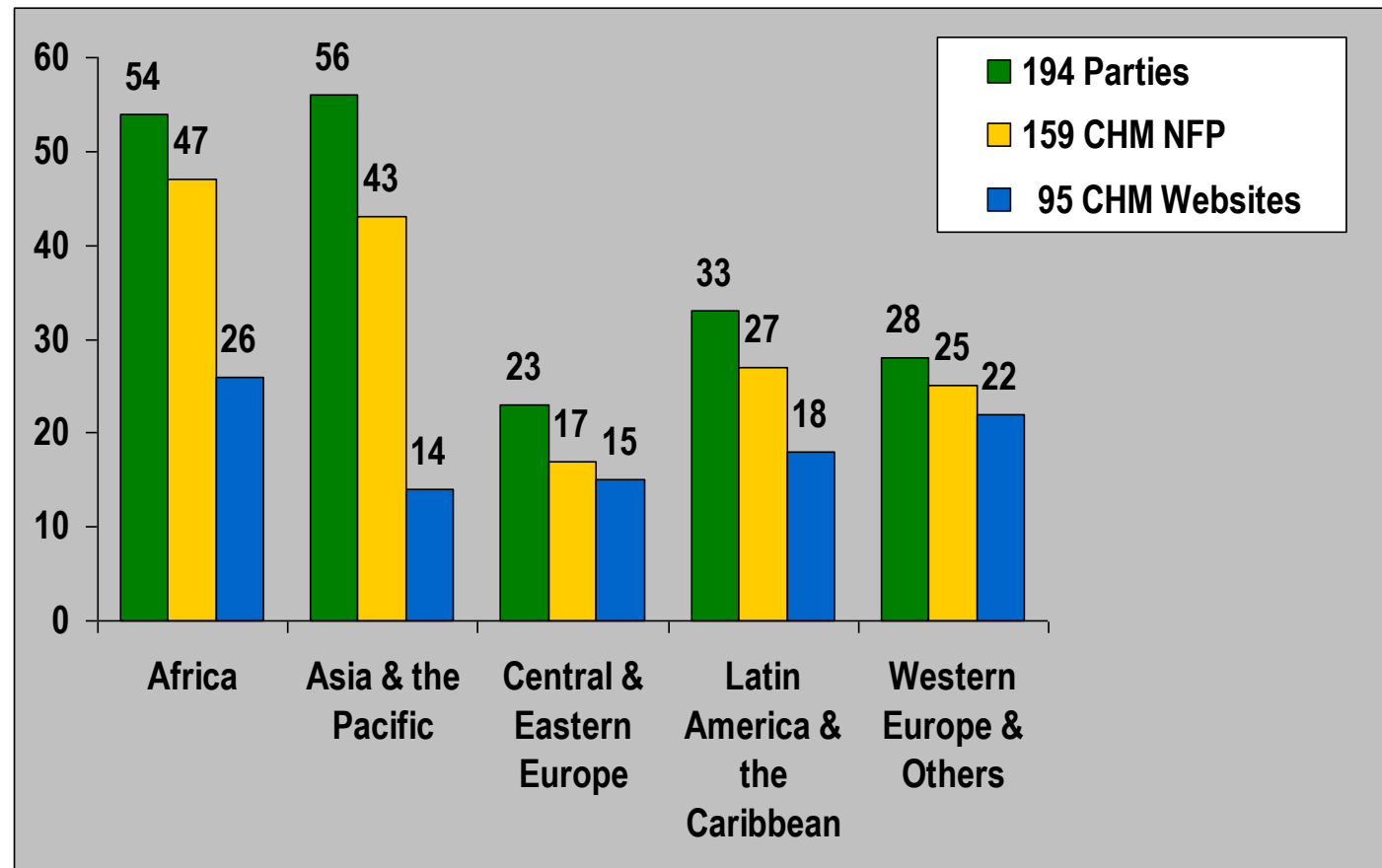
## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



## National CHM Network Status



## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



Type	Created by	Description
National CHM Status	CHM NFP	Current status of a national CHM. Linked to a <u>activities</u> related the national CHM.
Activity	CHM NFP, SCBD, Partner	Brief general description of an activity or project related to the CHM. Linked to <u>progress updates</u> related to this activity
Progress Update	CHM NFP, SCBD, Partner	Description of some progress at a given time. Format similar to a blog post.





## *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014      Montreal, Canada*



### ***Goal 3. CHM Network***



## Goal 3 – CHM Network

### **3. Partners significantly expand the CHM network and services**

*3.1. Partners can sustain their participation in the CHM*

*3.2. High-quality regional and thematic CHM websites are available*

*3.3. Partner information is exchanged through the CHM network*

*3.4. Partners collaborate and share knowledge through the CHM network*

## Contents

### Background

#### 1. Central CHM

#### 2. National CHMs

#### 3. CHM Network

### Way Forward



## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network  
Way Forward



- **UNEP**
  - MEA-IKM & InforMEA ([www.inforMEA.org](http://www.inforMEA.org))
  - MEA Agreements
  - UNEP Live ([www.unep.org/uneplive](http://www.unep.org/uneplive))
- **UNDP**
  - NBSAP Forum (<http://nbsapforum.net>)
- **EEA** - European Environment Agency
  - BISE (<http://biodiversity.europa.eu>)
  - European CHM Networking
  - European CHM Toolkit  
<http://biodiversity.europa.eu/chm-network/the-european-chm-toolkit>
  - Aichi Target Cross-linking Tool (TCT)
- **ACB** - ASEAN Centre for Biodiversity
  - Regional CHM (<http://chm.aseanbiodiversity.org>)
- **OIF** - Organization Internationale de la Francophonie
  - French Speaking Network on Biodiversity  
(<http://www.mediatorre.org/biodiversite>)

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



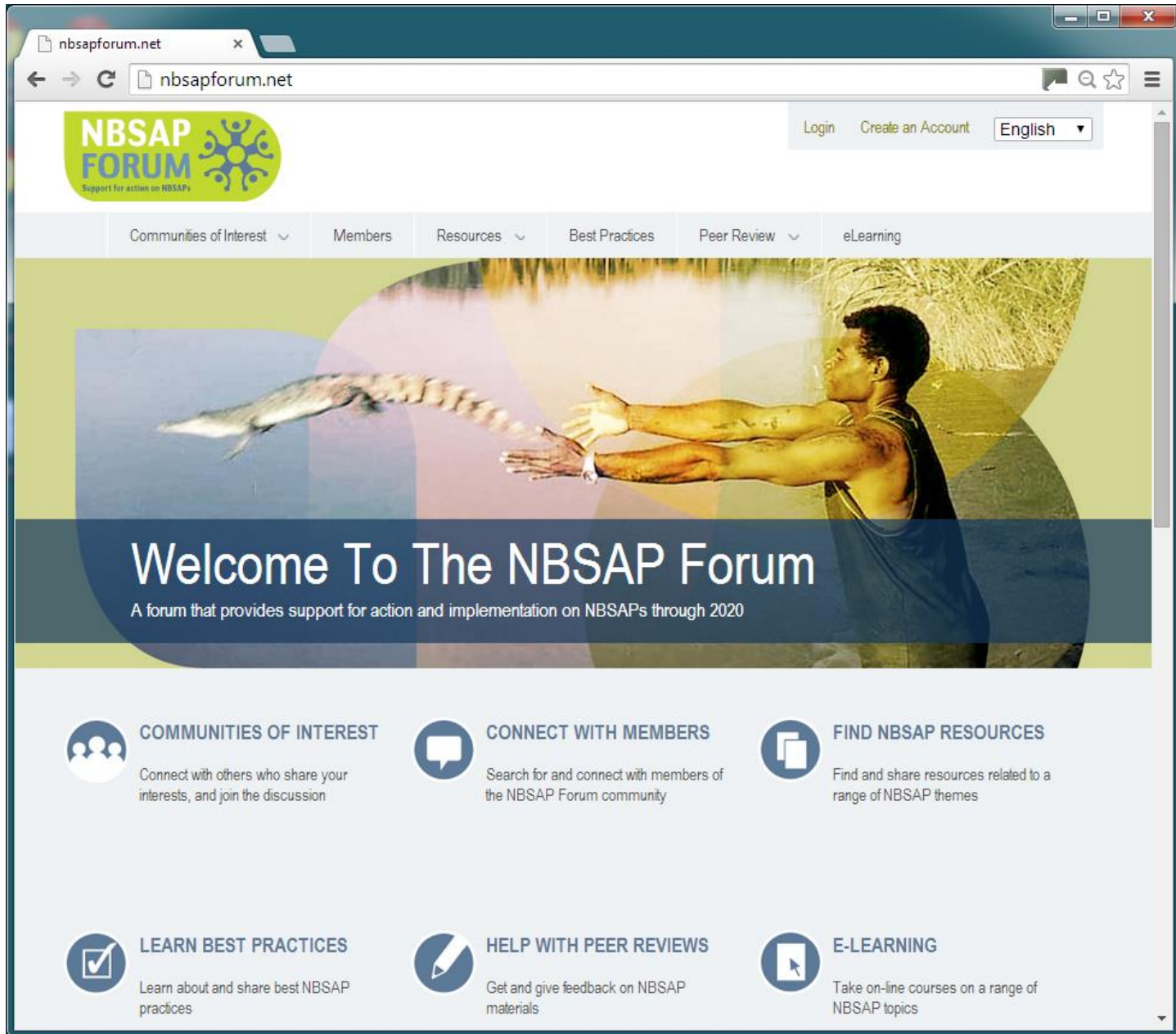
- **Purpose**

- Joint UNDP, UNEP & CBD initiative to support NBSAP implementation
- Online forum to interconnect experts
- Share knowledge through communities of interests

- **Online Services**

- Create user account & expert profile (expertise, languages, social networks)
- Join a community of interest
- Connect with others who share your interests, and join the discussion
- Search for and connect with members
- Find NBSAP Resources
- Learn Best Practices
- Help with peer review (Get & give feedback)
- E-Learning courses

# NBSAP Forum - <http://nbsapforum.net>



The screenshot shows the homepage of the NBSAP Forum website. The browser address bar displays 'nbsapforum.net'. The website header includes the NBSAP Forum logo with the tagline 'Support for action on NBSAPs', a navigation menu with links for 'Communities of Interest', 'Members', 'Resources', 'Best Practices', 'Peer Review', and 'eLearning', and user options for 'Login', 'Create an Account', and a language dropdown set to 'English'. The main banner features a photograph of a man reaching out to a crocodile in a body of water, with the text 'Welcome To The NBSAP Forum' and the subtitle 'A forum that provides support for action and implementation on NBSAPs through 2020'. Below the banner, six service icons are arranged in a 2x3 grid: 'COMMUNITIES OF INTEREST' (people icon), 'CONNECT WITH MEMBERS' (speech bubble icon), 'FIND NBSAP RESOURCES' (document icon), 'LEARN BEST PRACTICES' (checkmark icon), 'HELP WITH PEER REVIEWS' (pencil icon), and 'E-LEARNING' (mouse cursor icon).

**NBSAP FORUM**  
Support for action on NBSAPs

Login Create an Account English

Communities of Interest Members Resources Best Practices Peer Review eLearning

## Welcome To The NBSAP Forum

A forum that provides support for action and implementation on NBSAPs through 2020

- COMMUNITIES OF INTEREST**  
Connect with others who share your interests, and join the discussion
- CONNECT WITH MEMBERS**  
Search for and connect with members of the NBSAP Forum community
- FIND NBSAP RESOURCES**  
Find and share resources related to a range of NBSAP themes
- LEARN BEST PRACTICES**  
Learn about and share best NBSAP practices
- HELP WITH PEER REVIEWS**  
Get and give feedback on NBSAP materials
- E-LEARNING**  
Take on-line courses on a range of NBSAP topics

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



### • Purpose

- MEA collaboration on information and knowledge management
- Harmonized data standards across MEA secretariats
- Single portal harvesting key MEA information

### • Online Services


Single portal on MEA information

- COP Decisions and Resolutions
- News and events
- Parties and national focal points
- *Soon: national reports and plans*



### Members

Basel  
CBD  
CITES  
CMS (and AEWA)  
ITPGR-FA  
Montreal Protocol  
Minamata  
Ramsar  
Rotterdam  
Stockholm  
UNCCD  
UNECE (5 MEAs)  
UNESCO-WHC  
UNFCCC  
Regional MEAs



UNITED NATIONS INFORMATION PORTAL ON  
MULTILATERAL ENVIRONMENTAL AGREEMENTS

[HOME](#)
[TREATIES](#)
[DECISIONS](#)
[COUNTRIES](#)
[GLOSSARY](#)

[ABOUT](#)
[NEWS](#)
[MEETINGS](#)
[ADMIN](#)

### What is InforMEA?

InforMEA harvests COP [decisions](#), [news](#), [meetings](#), [membership](#), [national focal points](#) and reports from MEAs. Information is organised by terms from MEA COP agendas.

InforMEA is a project of the MEA Information and Knowledge Management (IKM) Initiative with the support from the United Nations Environment Programme (UNEP).

[New members join InforMEA](#)

### MEAs Explorer

[Advanced search »](#)


### Country profile: Canada

-- Change --


Map & sites

MEA membership

Focal points (17)



### Upcoming meetings


 Eighteenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice  
 23 Jun, 2014

« 1 of 5 »

### Find Meetings

MEA

-- All --

Meeting type


-- All --

Date

2014

### 5th MEA IKM Steering Committee Meeting

**Montreux, 9 June 2014** - Four UN agencies, in collaboration with the International Union for the Conservation of Nature (IUCN) and other key partners, concluded a week of meetings to promote new tools and better access to information to assist Parties to more effectively implement obligations under 18 Multilateral Environmental Agreements (MEA). - [See more](#)





- **UNEP Internal Cooperation Agreement (ICA)**
- **4 main activities**

## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



<i>Activities</i>	<i>Outputs</i>	<i>Results/Impact</i>
1	Continued and sustained availability of CBD information on the InforMEA website through the InforMEA API.	CBD information is fully integrated within the InforMEA website.
2	Further implementation of the InforMEA API to provide support for NBSAPs and national reports.	NBSAPs and national reports can be searched on the InforMEA website.
3	Terms relevant to the CBD have been integrated within an InforMEA vocabulary.	CBD terminology has been integrated with the thesaurus of the InforMEA project.
4	A list of key training and learning documents has been provided and is ready for integration with the e-learning facility of InforMEA.	CBD components are reflected in the overall e-learning facility of InforMEA.



# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014      Montreal, Canada*



## *Way Forward*



## Goal 1 - Pending Tasks for National CHM

### Contents

#### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- Way Forward



- **Look and feel**
  - Apply CBD branding and look-and-feel
- **Submission system**
  - Technical improvements
  - Interface improvements (workflow)
- **Search engine**
  - Technical improvement (search facet behavior)
  - Interface improvements (result list and details)
  - Connect to main search box
- **Interoperability**
  - Make API available and test with partners / countries
  - Maintain interoperability with InforMEA
- **Translation**
  - Interface with CAT software

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network

### Way Forward



## Goal 1 - Additional Considerations

- **Strategic considerations**
  - Web strategy (goals, audiences, personas, services, management, ...)
  - Integration between the CBD website and its clearing-houses
  - Integration of new and existing data (single update point)
  - Use of content management system (CMS) or other tools/frameworks
  - Web development (in-house, outsourced, with key partners)
  - Maintenance, sustainability & extensibility
- **Website management services**
  - Web statistics & analytics
  - Feedback form
  - Web pages & menu management
  - Web page translation tools

## Contents

### Background

1. Central CHM
2. National CHMs
3. CHM Network

### Way Forward



## Goal 2 - National CHMs

- **Continue capacity-building process**
  - Japan Biodiversity Fund
  - Belgian Cooperation
  - ...
- **Efficiently track CHM implementation**
  - Online system needed
  - Can be used to share experiences and improve capacity-building
- **Improve or develop tools for National CHM**
  - API for interoperability
  - European Portal Toolkit
  - ...

### Contents

#### Background

1. Central CHM
2. National CHMs
3. CHM Network

#### Way Forward



- **Existing collaboration with MEA-IKM Initiative through UNEP Internal Cooperation Agreement (ICA)**
  - InforMEA web portal
  - Interoperability
  - Thesaurus & terminology
  - E-Learning materials
- **Further potential collaboration**
  - Subject to common interest
  - CHM Portal Toolkit (EEA)
  - NBSAP Forum (UNDP)
  - Online reporting (MEA-IKM, UNEP-WCMC, EEA, ...)
  - Regional partners needed to support CHM network (EEA, ACB, ...)
  - IPBES

# CHM Informal Advisory Committee (CHM-IAC)

- **CHM-IAC**

- Mandate and operational procedures in VII/23
- Provides advice to the ES on CHM Matters
- Membership renewed in 2014 (regionally balanced)

- **Latest CHM-IAC Meeting**

- Montreal, 13-14 June 2014 before WGRI 5 (Support from Canada)
- Fruitful discussions
- Recommendations for the ES under preparation





## Contents

### Background

1. Central CHM
  2. National CHMs
  3. CHM Network
- ### Way Forward



***Thank you***

Questions or comments ?

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[secretariat@cbd.int](mailto:secretariat@cbd.int)



# *Fifth Meeting of the Working Group on Review of Implementation of the Convention (WGRI 5)*

*16 - 20 June 2014*

*Montreal, Canada*



## ***Latest Developments of the Clearing-House Mechanism***

*Olivier de Munck, CHM Programme Officer, SCBD*

*Kata Koppel, Documentation Officer, SCBD*

*Sandra Meehan, CHM Programme Assistant*

