



Biosafety Clearing-House and the Cartagena Protocol on Biosafety

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Secretariat of the Convention on Biological Diversity

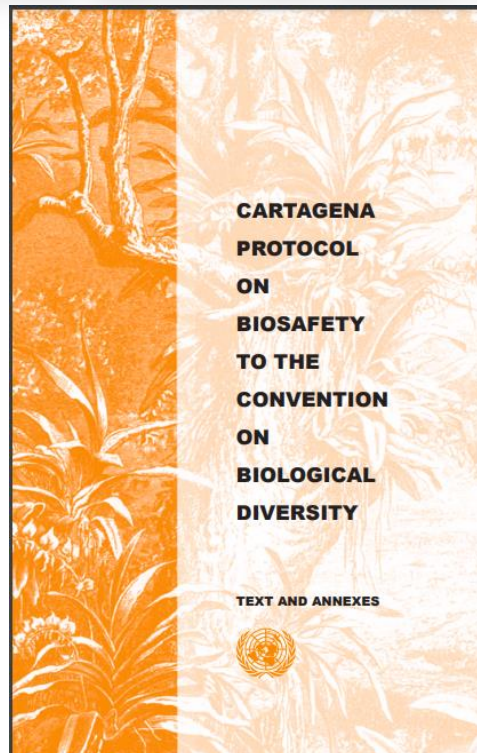


Convention on
Biological Diversity



Goal of this presentation:

1. Provide a brief **history** of the Biosafety Clearing-House (BCH) and overview of the Cartagena Protocol Parties' **obligations** relevant to the BCH
2. **Live demonstration of the BCH website – its key features**

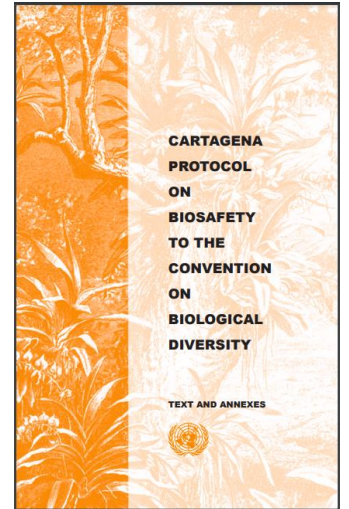


The image is a screenshot of the BCH Biosafety Clearing-House website. The header features the BCH logo in red and orange, followed by the text 'BIOSAFETY CLEARING-HOUSE'. Below the logo is a navigation menu with links for HOME, ABOUT, SEARCH, SUBMIT, COUNTRY PROFILES, HELP, FORUMS, and a dropdown menu for PROTOCOL. The main content area has a blue background with a white text box that reads: 'The Biosafety Clearing-House (BCH) is an online platform for exchanging information on Living Modified Organisms (LMOs) and a key tool for facilitating the implementation of the Cartagena Protocol on Biosafety.' Below this text are three dark blue buttons with white text and icons: 'EXPLORE THE MAP', 'GET STARTED', and 'RECENT RECORDS'. Underneath the buttons is a section titled 'Announcements' with a light blue background. This section contains three announcement cards. The first card, dated 07 Dec 2023, is titled 'The Implementation Plan and the Capacity-building Action Plan for the Cartagena Protocol on Biosafety' and includes a sub-heading 'Read the Implementation Plan and the Capacity-building Action Plan, adopted at CP-MOP 10.' The second card, dated 20 Nov 2023, is titled 'Ongoing Event' and describes an 'Online forum of the Network of Laboratories for the Detection and Identification of LMOs' held from 17-28 November 2023 in Montreal, Canada. The third card, dated 02 Oct 2023, is titled 'Poll on Public Awareness, Education and Participation regarding LMOs' and states that information should be submitted no later than 16 October 2023. At the bottom right of the announcements section, there is a blue button with white text that says 'SEE MORE' with a right-pointing arrow.

What is the Biosafety Clearing-House?

The Biosafety Clearing-House (BCH) was established further to **Article 20** of the Cartagena Protocol on Biosafety in order to:

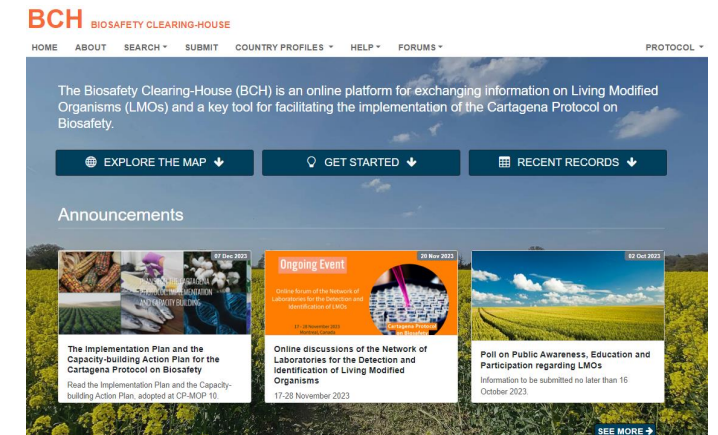
- Facilitate the exchange of scientific, technical, environmental and legal information on, and experience with, living modified organisms (LMOs);
- Assist Parties to implement the Protocol.



The Biosafety Clearing-House (BCH) is an information exchange mechanism that was set up by the Cartagena Protocol on Biosafety to facilitate the exchange of information on LMOs and to assist Parties to better comply with their obligations under the Protocol.

BCH has been developed as a website: <http://bch.cbd.int>

Access is free and BCH is available in all 6 UN languages.



Article 20 – Information sharing and the Biosafety Clearing-House

Each Party shall make available to the BCH any information required under the Protocol:

- a) Any existing laws, regulations and guidelines for implementation of the Protocol
- b) Any bilateral, regional and multilateral agreements and arrangements
- c) Summaries of its risk assessments or environmental reviews of LMOs generated by its regulatory process, and carried out in accordance with Article 15
- d) Its final decisions regarding the importation or release of LMOs
- e) Reports submitted by it pursuant to Article 33

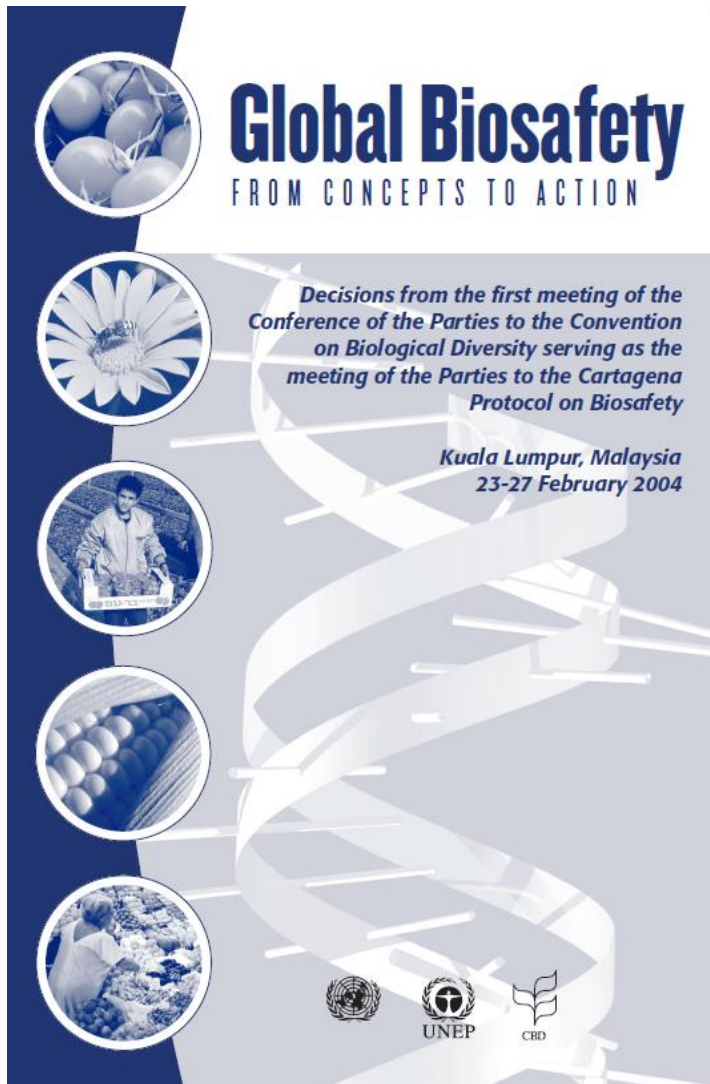


Article 33

Monitoring and Reporting

*Each Party shall monitor the implementation of its obligations under this Protocol, and shall, at intervals to be determined by the Conference of the Parties serving as the meeting of the Parties to this Protocol, **report** to the Conference of the Parties serving as the meeting of the Parties to this Protocol on measures that it has taken to implement the Protocol.*

Modalities of Operation of the Biosafety Clearing-House ([COP-MOP Decision BS-I/3](#))



- **Outlines the role, characteristics and administration of the BCH. This includes:**
 - Its role in providing **access to information**
 - It is guided by principles of **inclusiveness and transparency**
 - It is developed by the Secretariat in a manner to ensure it is **accessible, user-friendly, searchable and understandable.**



BCH has been developed as a website: <http://bch.cbd.int>

Types of record in the BCH

National Records

National records ⓘ

- ▼ + ≡ National Focal Point (NFP) ⓘ
- ▼ + ≡ Competent National Authorities (CNA) ⓘ
- ▼ + ≡ Supplementary Protocol Competent Authorities (SPCA) ⓘ
- ▼ + ≡ Biosafety Laws, Regulations, Guidelines and Agreements (LAW) ⓘ
- ▼ + ≡ Countries' Decisions or any other Communications (DEC) ⓘ
- ▼ + ≡ Risk Assessments generated by a regulatory process (RA) ⓘ
- ▼ + ≡ National Biosafety Websites or Databases (NDB) ⓘ
- ▼ + ≡ Fourth National Reports on the Implementation of the Cartagena Protocol on Biosafety (NR4) ⓘ
- ▼ + ≡ Third National Reports on the Implementation of the Cartagena Protocol on Biosafety (NR3) ⓘ
- ▼ + ≡ Second National Reports on the Implementation of the Cartagena Protocol on Biosafety (NR2) ⓘ
- ▼ + ≡ First National Reports on the Implementation of the Cartagena Protocol on Biosafety (NR1) ⓘ
- ▼ + ≡ Interim National Reports on the Implementation of the Cartagena Protocol on Biosafety (NRI) ⓘ
- ▼ + ≡ Biosafety Experts (EXP) ⓘ
- ▼ + ≡ Country Profiles for Biosafety Clearing-House (BCP) ⓘ

Reference Records

Reference records ⓘ

- ▼ + ≡ Biosafety Virtual Library Resources (VLR) ⓘ
- ▼ + ≡ Biosafety Organizations (ORG) ⓘ
- ▼ + ≡ Laboratories for detection and identification of LMOs (LAB) ⓘ
- ▼ + ≡ Living Modified Organisms (LMO) ⓘ
- ▼ + ≡ Genetic elements (GENE) ⓘ
- ▼ + ≡ Organisms (ORGA) ⓘ
- ▼ + ≡ Risk Assessments generated by an independent or non-regulatory process (IRA) ⓘ
- ▼ + ≡ Submissions (SUB) ⓘ
- ▼ + ≡ Capacity Development Initiatives (CDI) ⓘ
- ▼ + ≡ BCH News (BCHN) ⓘ

National records ⓘ	
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▼ + ☰	Biosafety Experts (EXP) ⓘ
▼ + ☰	Country Profiles for Biosafety Clearing-House (BCP) ⓘ

National Records are records that Parties to the Cartagena Protocol have the obligation to submit in accordance with the Protocol as well as other national information relevant to the implementation of the Protocol.

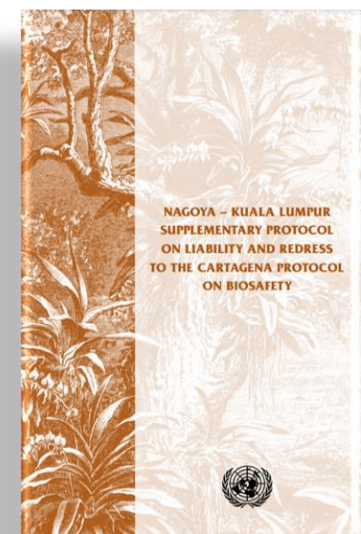
National Records are owned by the Government. They can be managed by are 3 types of *national users*:

1. BCH National Focal Points (BCH-NFPs)
2. Cartagena Protocol on Biosafety National Focal Points (CPB-NFPs)
3. National Authorized Users (NAUs)

National records ⓘ			
▼	+	☰	National Focal Point (NFP) ⓘ
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▼	+	☰	Country Profiles for Biosafety Clearing-House (BCP) ⓘ

In [decision CP-9/15](#), Parties to the NKLSP were requested **to designate a competent authority** to perform the functions set out in [Article 5](#) of the NKLSP, and to make the contact information of its competent authority available in the BCH.

Same decision also requested the Executive Secretary to create the appropriate **common format** in the BCH to enable Parties to share the contact information of their competent authorities pursuant to [Article 5](#) of the Supplementary Protocol.



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National websites or databases include publicly searchable internet sites on biosafety that are maintained by governments or national institutions.

Article 23 (Public Awareness and Participation)

Parties shall:

- Promote and facilitate public awareness, education and participation concerning the safe transfer, handling and use of LMOs
- Endeavor to ensure that public awareness and education encompass access to information on LMOs

National records ⓘ			
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











The roster of biosafety experts was established by ExCOP-1 [Decision EM-I/3](#) and aims to:

“provide advice and other support, as appropriate and upon request, to developing country Parties and Parties with economies in transition, to conduct risk assessment, make informed decisions, develop national human resources and promote institutional strengthening, associated with the transboundary movements of LMOs.”

Decision [BS-IV/4](#) sets out:

- the criteria and minimum requirements for experts to be nominated to the roster of experts (Annex I)
- guidelines for the roster of experts (Annex II)

Reference records

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-    Biosafety Organizations (ORG) 
-    Laboratories for detection and identification of LMOs (LAB) 
-    Living Modified Organisms (LMO) 
-    Genetic elements (GENE) 
-    Organisms (ORGA) 
-    Risk Assessments generated by an independent or non-regulatory process (IRA) 
-    Submissions (SUB) 
-    Capacity Development Initiatives (CDI) 
-    BCH News (BCHN) 

Reference Records include various biosafety-related resources and scientific information that can be submitted by any registered user. Any registered BCH user can create, edit, delete the records but it is the Secretariat who validates and publishes those records or approves modification or deletion of a record.

Scientific records

Numbers at a glance to-date (as at 12 January 2024):

National records

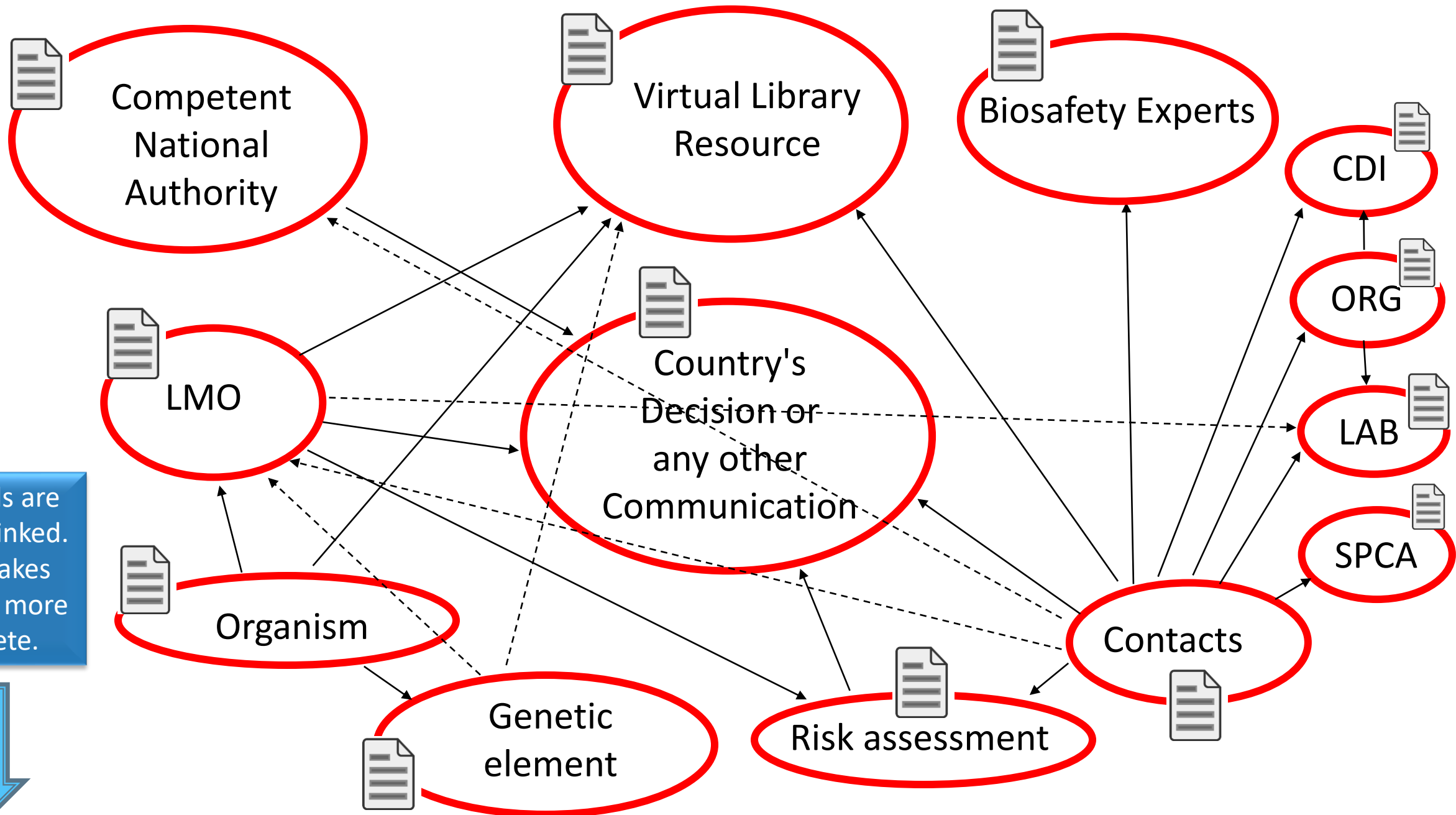
- 344 national focal points
- 401 competent national authorities
- 15 supplementary protocol competent authorities
- 1147 laws and legislations
- 2761 decisions by 56 countries
- 2644 risk assessments
- 151 websites and databases
- 366 experts

Reference records

- 2093 LMOs (960), genes (861) and organisms (272)
- 1575 biosafety virtual library resources
- 423 capacity development initiatives
- 383 biosafety organizations
- 78 laboratories
- 32 independent risk assessments
- 558 biosafety news



Example of inter-relationship between various record types in the BCH



Records are cross-linked. This makes search more complete.



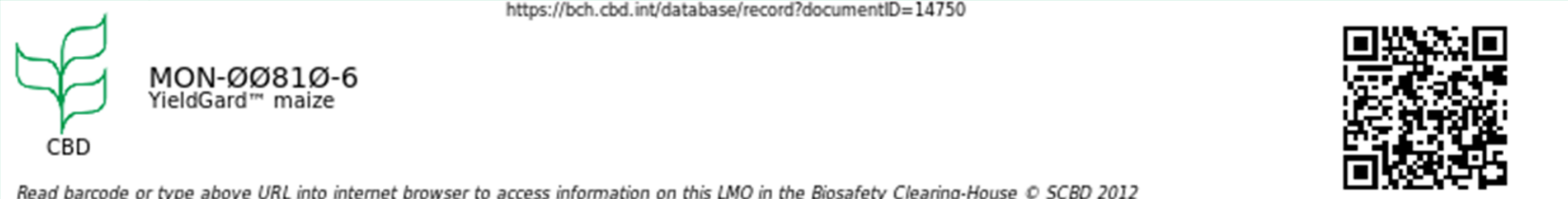
[Decisions on the LMO](#) [Risk Assessments](#)

LAST UPDATED: 24 MAY 2013

Living Modified Organism identity

The image below identifies the LMO through its unique identifier, trade name and a link to this page of the BCH. Click on it to download a larger image on your computer. For help on how to use it go to the LMO quick-links page.

<https://bch.cbd.int/database/record?documentID=14750>



MON-00810-6
YieldGard™ maize

CBD

Read barcode or type above URL into internet browser to access information on this LMO in the Biosafety Clearing-House © SCBD 2012

Name

YieldGard™ maize

EN

Transformation event

MON810

Does this LMO have a unique identifier?

Yes

Unique identifier

MON-00810-6

Developer(s)

- [ORGANIZATION: MONSANTO](#) | [BCH-CON-SCBD-14925-3](#) 

ORGANIZATION:

Monsanto

800 North Lindbergh Blvd.

St. Louis, MO

63167, United States of America

Phone: + 1 314 694-1000

Fax: +1 314 694-3080

Website: <http://www.monsanto.com>


Description

Insect-resistant maize produced by inserting the cry1Ab gene from *Bacillus thuringiensis* subsp. *kurstaki* HD-1. The genetic modification affords resistance to attack by the European corn borer (ECB), *Ostrinia nubilalis*.

EN


Recipient Organism or Parental Organisms


The term "Recipient organism" refers to an organism (either already modified or non-modified) that was subjected to genetic modification, whereas "Parental organisms" refers to those that were involved in cross breeding or cell fusion.

 [BCH-ORGA-SCBD-246-6](#) | Organism | *Zea mays* (Maize, Corn, MAIZE)

Crops

Related LMO(s)

 [BCH-LMO-SCBD-14779-7](#) | PH-MON809-2 - Insect-resistant maize MON809 | Monsanto, Pioneer Hi-Bred International Inc. | Resistance to antibiotics (Kanamycin), Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths), European corn borer (*Ostrinia nubilalis*)), Resistance to herbicides (Glyphosate)

 [BCH-LMO-SCBD-15410-7](#) | Insect Resistant Maize MON801 | Monsanto | Resistance to antibiotics (Kanamycin), Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths), European corn borer (*Ostrinia nubilalis*))

Characteristics of the modification process

Vector

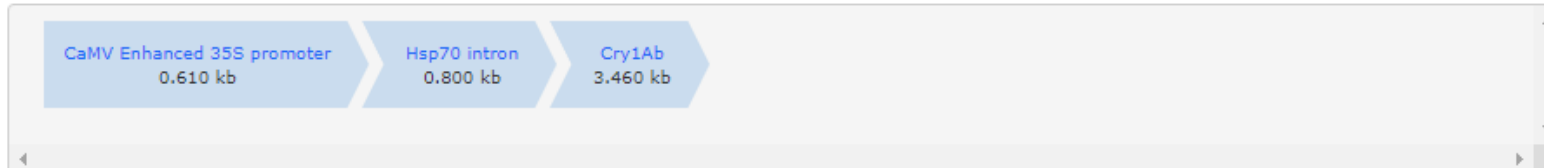
PV-ZMBK07 and PV-ZMGT10

EN

Techniques used for the modification

Biolistic / Particle gun

Genetic elements construct



Introduced or modified genetic element(s)

Some of these genetic elements may be present as fragments or truncated forms. Please see notes below, where applicable.

- [BCH-GENE-SCBD-14985-12](#) | Cry1Ab | *Bacillus thuringiensis* (Bt, Bacillus, BACTU)
Protein coding sequence | Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths))
- [BCH-GENE-SCBD-100359-7](#) | Hsp70 intron | *Zea mays* (Maize, Corn, MAIZE)
Intron
- [BCH-GENE-SCBD-100366-6](#) | CaMV Enhanced 35S promoter | Cauliflower mosaic virus (CaMV)
Promoter

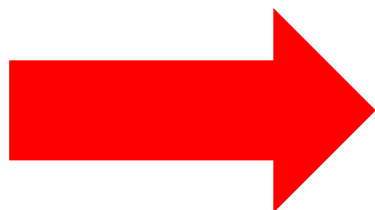
Notes regarding the genetic elements present in this LMO

The transgenic maize line MON810 was genetically engineered to resist ECB by producing its own insecticide. This line was developed by introducing a synthetic version of the *cry1Ab* gene, isolated from the soil bacterium *Bacillus thuringiensis* (Bt) which was modified to enhance the expression of the Cry1Ab protein in plants, however the resulting amino acid sequence is identical to the native protein.

Molecular studies demonstrated that a single truncated copy of the *cry1Ab* coding sequence was integrated into the corn genome along with the enhanced cauliflower mosaic virus 35S promoter (P-e35S), and the hsp 70 intron (I-Hsp70). The *nos* terminator was not integrated into MON810 due to a truncation of the 3' end of the gene cassette. Western analysis confirmed that a truncated Cry1Ab protein of approximately 91 kD (native Cry1Ab had a molecular weight of approximately 131 kD) was inserted into the genome.

Corn event MON 810 was produced by microprojectile bombardment of embryogenic corn tissue with plasmids PVZMBK07 and PV-ZMGT10. However plasmid vector PV-ZMGT10 was not integrated into the plant genome. Further Southern blot analysis indicated that the genes for glyphosate tolerance (CP4 EPSPS) and antibiotic resistance (*neo*) were not transferred to line MON 810 and the absence of the CP4 EPSPS and *gox* gene products was also confirmed by Western blotting. The CP4 EPSPS and GOX protein encoding genes were presumed to have been inserted into the initial transformant at a separate genetic loci from the *cry1Ab* gene and then subsequently lost through segregation during the crossing events leading to line MON810.

EN



LMO characteristics

Modified traits

Resistance to diseases and pests

Insects

Lepidoptera (butterflies and moths)

European corn borer (*Ostrinia nubilalis*)

Common use(s) of the LMO

Food

Feed

Biofuel

Detection method(s)

External link(s)

[MON-ØØ81Ø-6 - EU Reference Laboratory for GM Food and Feed \(EURL-GMFF\) \[English \]](#)

[MON-ØØ81Ø-6 - CropLife International Detection Methods Database \[English \]](#)

[MON-ØØ81Ø-6 - EU Reference Laboratory for GM Food and Feed \(EURL-GMFF\) \(JRC \) \[English \]](#)

[MON-ØØ81Ø-6 - CropLife International Detection Methods Database \(CropLife \) \[English \]](#)

Additional Information

Other relevant website addresses and/or attached documents

[MON810 - OECD Biotrack Product Database \[English \]](#)

[MON810 - CERA GM Database \[English \]](#)

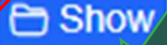
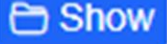
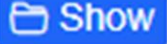
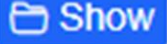
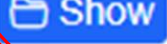
[Safety Assessment of YieldGard Insect-Protected Corn Event MON 810 \[English \]](#)

[BATS \(2003\) Genetically Modified \(GM\) Crops: molecular and regulatory details, v.2.pdf \[English \]](#)

[MON810 - Monsanto.pdf \[English \]](#)

Records referencing this document

Show in search

	Record type	Field	Record(s)
	Laboratory for detection and identification of LMOs	LMO(s) detectable by the laboratory	39
	Country's Decision or any other Communication	Living modified organism(s)	44
	Risk Assessment generated by a regulatory process	Living modified organism(s)	43
	Living Modified Organism	Recipient Organism" or "Parental Organisms	29
	Living Modified Organism	Related LMO(s)	2



	Record type	Field	Record(s)
Show	Laboratory for detection and identification of LMOs	LMO(s) detectable by the laboratory	39
Hide	Country's Decision or any other Communication	Living modified organism(s)	44

Page 1 of 2 « First < Prev **1** 2 Next > Last » 1 - 25 of 44 Items per page

Country ↓½	Title ↓½	Uid ↓½	Updated on ↓½
Nigeria	Decision Document for Importation of Genetically Modified (GM) Maize for Feed and Processing issued to WACOT Nigeria Limited/NBMA/CM/FFP/IM/001	BCH-DEC-NG-113006-3 ⚙️	21 Mar 2023 12:09
Malaysia	JBK (S) 602-1/1 MON810 Maize	BCH-DEC-MY-103166-2 🌱 🚫 ⚙️	13 May 2022 04:19
Kenya	Approval to carry out confined field trials of transgenic maize with Bt event MON810 containing cry1ab gene to evaluate the efficacy of Bt Alpha (δ) endotoxin against maize stem borers in Kenya	BCH-DEC-KE-116081-1 🌱	02 Jun 2021 11:34
Argentina	MON 810	BCH-DEC-AR-777-8 🌱 🚫 ⚙️	06 Apr 2021 15:09
New Zealand	New Zealand Gazette Issue No. 164	BCH-DEC-NZ-213-7 🌱	13 Jan 2021 23:20
Germany	6786-01-0163 (adv. 42010.0163); Decision regarding the deliberate	BCH-DEC-GE-108329-3 ⚙️	31 Jul 2020 13:24

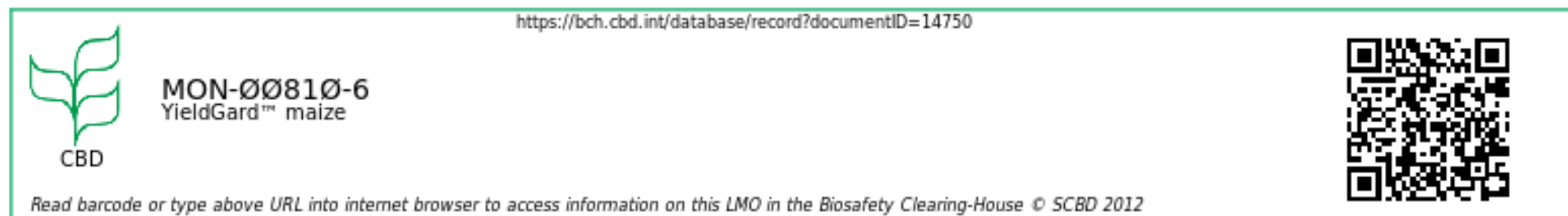
Show	Risk Assessment generated by a regulatory process	Living modified organism(s)	43
Show	Living Modified Organism	Recipient Organism" or "Parental Organisms	29
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[Decisions on the LMO](#) [Risk Assessments](#)

LAST UPDATED: 24 MAY 2013

Living Modified Organism identity

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Name

YieldGard™ maize

EN

Transformation event

MON810

Does this LMO have a unique identifier?

Yes

Unique identifier

MON-00810-6

You can find:

- Information on **decisions** other countries have taken on a specific LMO and for what uses
- **Risk assessment** reports from other countries








































































































































































































































You can also cross-check information on decisions against the information in the **Biotradestatus** database maintained by CropLife International.

[BCH-LMO-SCBD-14750-19](#) | MON-00810-6 - YieldGard™ maize | Monsanto | Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths), European corn borer (Ostrinia nubilalis))
[Show detection method\(s\)](#)

[LMO Information](#) **Decisions on the LMO** [Risk Assessments](#)

Display cross-references with external database(s): [Biotradestatus](#)

For further information about the external database click on the database name below; to visit the original database page containing information on this LMO click on the [↗](#) icon beside the database name.

Country	BCH Decisions	Biotradestatus ↗
Argentina	777         	      
Australia	7477         	      
Austria	37308         	      
Brazil	44584          	      
Canada	7692         	      
China	44888         	      
Colombia	39602         	      
	102230          	      
	102240         	      
	102242          	      
	102244          	      
	102254          	      
	105530          	      
	108006          	      



BCH is among the most important resources world-wide offering information on LMOs. In addition to the information submitted by Governments, it offers the most complete description of all LMOs commercialized as of today and the largest virtual library on biosafety. BCH is a key tool for information-sharing, capacity-building and facilitating the implementation of the Cartagena Protocol on Biosafety.

New BCH Platform went officially live on 29 November 2021!

The new BCH user interface has been developed to resemble, both in appearance and functionalities, the user interface of the Access and Benefit-sharing Clearing-House (ABS CH) with a view to ensuring coherence and integration between the clearing-houses.

BCH BIOSAFETY CLEARING-HOUSE

HOME ABOUT SEARCH ▾ SUBMIT COUNTRY PROFILES ▾ HELP ▾ FORUMS ▾ PROTOCOL ▾

The Biosafety Clearing-House (BCH) is an online platform for exchanging information on Living Modified Organisms (LMOs) and a key tool for facilitating the implementation of the Cartagena Protocol on Biosafety.

🌐 EXPLORE THE MAP ▾

💡 GET STARTED ▾

📅 RECENT RECORDS ▾

Announcements



07 Dec 2023

The Implementation Plan and the Capacity-building Action Plan for the Cartagena Protocol on Biosafety

Read the Implementation Plan and the Capacity-building Action Plan, adopted at CP-MOP 10.



20 Nov 2023

Ongoing Event

Online forum of the Network of Laboratories for the Detection and Identification of LMOs

17-28 November 2023

Montreal, Canada

Online discussions of the Network of Laboratories for the Detection and Identification of Living Modified Organisms

17-28 November 2023



02 Oct 2023

Poll on Public Awareness, Education and Participation regarding LMOs

Information to be submitted no later than 16 October 2023.

SEE MORE →

ABSCH ACCESS AND BENEFIT-SHARING CLEARING-HOUSE

HOME ABOUT SEARCH ▾ SUBMIT COUNTRY PROFILES ▾ HELP ▾ FORUMS NAGOYA PROTOCOL

The Access and Benefit-sharing Clearing-House (ABSCH) is a platform for exchanging information on access and benefit-sharing and is a key tool to facilitate the implementation of the Nagoya Protocol. [Learn more](#)

🌐 EXPLORE THE MAP ▾

💡 GET STARTED ▾

📅 RECENT RECORDS ▾

Announcements



01 Dec 2023

MICROBE Online Workshop Nagoya for Beginners

Monday, 11th December 2023

10:00 - 12:00

The workshop is free of charge.

MICROBE Workshop- Nagoya for Beginners

...



10 Nov 2023

Reflections on possible methodologies for headline indicators

A side event co-organized by the SCBD, the co-chair of the AHIT and the Leibniz Institute DSMZ

WIG-DSIT | November 18, 2023 | 13:15 - 15:00 | Salle 3-Aud

Geneva Meetings Side Event: Reflections on possible methodologies for ABS headline indicators

Hosted by SCBD & DSMZ



04 Oct 2023

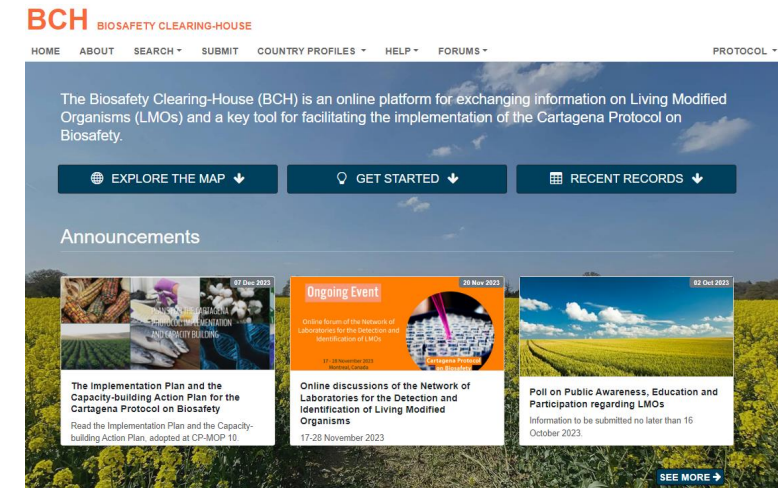
ABSCH Q&A Webinar Recordings

ABSCH Q&A Webinar Recordings

...

SEE MORE →

Migration: Key Points



Migration involved:



- Building a new 'house' for the BCH
- Designing that house in a similar style to other clearing-houses while maintaining specific functionalities required for the BCH and the Protocol
- Moving the data from the old house to the new house

New BCH:

- Is built on a modern platform with a modern look
- Is more user-friendly, including easier procedures for publishing records
- Has a new search interface while preserving the multi-level search capability of the previous BCH – **it is the most advanced SEARCH ever built by the Secretariat**
- Has more tools for displaying and analysis of search results



Access the BCH at: <https://bch.cbd.int/> Let's go LIVE!

BCH BIOSAFETY CLEARING-HOUSE

- HOME
- ABOUT
- SEARCH ▾
- SUBMIT
- COUNTRY PROFILES ▾
- HELP ▾
- FORUMS ▾
- PROTOCOL ▾

Access the BCH Knowledge Base

Where registered users can create records and manage them

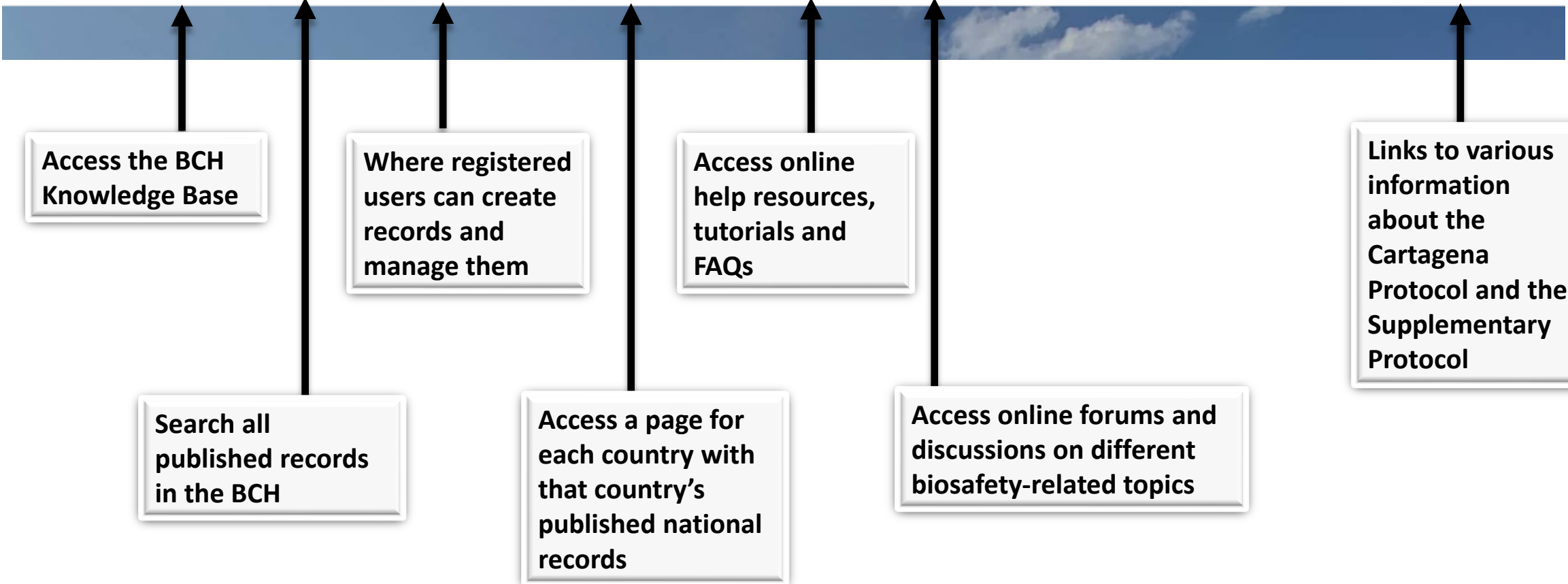
Access online help resources, tutorials and FAQs

Links to various information about the Cartagena Protocol and the Supplementary Protocol

Search all published records in the BCH

Access a page for each country with that country's published national records

Access online forums and discussions on different biosafety-related topics



Conclusion

The BCH is the core of the Cartagena Protocol on Biosafety and is key to its implementation.

The screenshot shows the homepage of the Biosafety Clearing-House (BCH). At the top, it features the logo for the Convention on Biological Diversity and the BCH logo. The main navigation menu includes links for HOME, ABOUT, SEARCH, SUBMIT, COUNTRY PROFILES, HELP, FORUMS, and a dropdown for the PROTOCOL. A central banner explains that the BCH is an online platform for exchanging information on Living Modified Organisms (LMOs) and a key tool for implementing the Cartagena Protocol on Biosafety. Below this banner are three buttons: "EXPLORE THE MAP", "GET STARTED", and "RECENT RECORDS". The "Announcements" section features three cards: "Upcoming Event" (Webinar: 20th Anniversary of the Entry Into Force of the Cartagena Protocol on Biosafety), "Open-ended Online Forum on Risk Assessment", and "Update on the CHRONOGRAM for the migration of the BCH". A "SEE MORE" button is located at the bottom right of the announcements section.

The image shows the cover of the Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress to the Cartagena Protocol on Biosafety. The cover features a background image of a field of yellow flowers. The title is prominently displayed in the center, and the United Nations logo is visible at the bottom right.

The image shows the cover of the Cartagena Protocol on Biosafety Text and Annexes. The cover features a background image of a field of yellow flowers. The title is prominently displayed in the center, and the United Nations logo is visible at the bottom left.



Thank you !

For more information on the BCH:



BCH: <http://bch.cbd.int>



bch@cbd.int

“BCH on BCH Forum”: <https://bch.cbd.int/en/portals/bch-on-bch>

