



BCH
training



Finding information from the BCH Central Portal

July 2008

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1 Introduction to the Module

What the user will learn in this module:

This module will introduce the user to the components of the BCH Central Portal and provide guidance on how to search for information in the BCH databases.

Context

The UNEP-GEF Project for Capacity Building for Effective Participation in the Biosafety Clearing-House (BCH) has prepared a modular training package that aims to provide a practical “how-to” guide for countries to assist them in learning, understanding, using, and setting-up national access to the BCH. The training package is designed to be flexible and is tailored to meet diverse needs of different countries, allowing them to select those tools and ideas that are most useful to their situation, needs and priorities. The training package is divided into five modules, each addressing one element of the BCH.

Audience

This module is designed to provide guidance to users of the BCH. It is developed for a non-technical audience with little or no knowledge of the Protocol and the BCH, but with a need to access and use data. Access to information is available to all users, but access to input facilities for the BCH is limited to those who have particular levels of access, e.g. National Focal Points (NFPs) and data entry personnel.

Purpose

This module provides detailed information about the databases found within the Finding Information section of the Central Portal. It explains how to find information about the BCH Central Portal. The web-based Central Portal allows governments to administer their information directly in the BCH databases. These databases, which form the nucleus of the BCH, can be searched to find relevant and useful information about the Protocol.

Each of the sections will guide the user into the different procedures to retrieve the maximum relevant information available through the BCH Central Portal.

2 Finding Information

URL: <http://bch.cbd.int/database/>

Under Article 20, the BCH was established to facilitate the exchange of information about LMOs. The requirements for the types of information are listed in this Article and the BCH maintains databases with the relevant information. Access to this information is provided through the **Finding Information** page of the BCH website, which can be found through a link on the navigation bar on the BCH home page. **Welcome to the BCH Central Portal.**

Figure 1

The screenshot displays the 'Finding Information' section of the BCH Central Portal. On the left, there's a vertical navigation menu with sections such as 'National Contacts', 'Laws and Regulations', 'Country's Decisions and other Communications', 'LMOs, Genes or Organisms', 'Roster of Experts', 'Capacity Building', 'Biosafety Information Resource Centre', 'Scientific Bibliographic Database', and 'Organizations'. Below this is a 'Compiled Information' section with links to 'National Contacts', 'LMOs-UDs Registry', 'Organisms Registry', and 'Gene Registry'. There's also a 'Go to record ID' input field with a 'Go' button. The main content area has a large oval highlighting the 'Finding Information' heading. Underneath it, text welcomes users to the section and describes the variety of information available. Several links are provided: 'National Contacts' (with a sub-note about searching for National Focal Points, Competent National Authorities, and National Biosafety Websites/Databases), 'Laws and Regulations' (with a note about National Laws, Regulations, and Guidelines), 'Country's Decisions and other Communications' (with a note about Decisions on LMOs under Advance Informed Agreement, Decisions on LMOs for food/feed/processing, other decisions/declarations, and Risk Assessment Reports), 'Capacity Building' (with a note about Biosafety Capacity Building Projects, Capacity-Building Opportunities, Compendium of Academically-Accredited Biosafety Courses, and Capacity-Building Needs and Priorities), 'Roster of Experts' (with a note about accessing a database of experts in biosafety), and 'Directory of International Organizations involved in Biosafety Activities' (with a note about international organisations involved in activities relevant to implementation of the Biosafety Protocol). At the top right, there are links for 'Sign Up for an Account' and 'Sign In'.

Figure 2

This section allows users to access a wide variety of scientific, technical, environmental, legal and capacity building information from the BCH databases. The categories of information are listed on the **Finding Information** page.

The various categories of information can be accessed from the link in the left hand menu or from links in the text on the **Finding Information** page. This module will investigate each of these categories and provide guidance on how to access specific information from each database.

2.1 National Contacts

URL: <http://bch.cbd.int/database/contacts/>

Article 19 of the Protocol requires the designation of Competent National Authorities and National Focal Points. This information, as well as National Biosafety Websites and Databases, is searchable from the **Search for National Contacts** page.

A search interface for information about **National Contacts** can be accessed from the link in the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding**

Information page or from the link in the National Contacts text on the same page.

Finding Information

- [Home](#)
- [The BCH](#)
- [The Protocol](#)
- [FINDING INFORMATION](#)
- [REGISTERING INFORMATION](#)
- [RESOURCES](#)
- [HELP](#)
- [COUNTRY PROFILES...](#)

National Contacts

Laws and Regulations

Country's Decisions and other Communications

LMOs, Genes or Organisms

Roster of Experts

Capacity-Building

Biosafety Information Resource Centre

Scientific Bibliographic Database

Organizations

Compiled Information

National Contacts

LMOs-UIDs Registry

Organisms Registry

Gene Registry

Go to record ID

Go

FINDING INFORMATION

Home

FINDING INFORMATION

National Contacts

Laws and Regulations

Country's Decisions and other Communications

LMOs, Genes or Organisms

Roster of Experts

Capacity-Building

Biosafety Information Resource Centre

Scientific Bibliographic Database

Organizations

Compiled Information

National Contacts

LMOs-UIDs Registry

Organisms Registry

Gene Registry

Country's Decisions and other Communications

Capacity Building

LMOs

Biosafety Information Resource Centre

Scientific Bibliographic Database on Biosafety

Figure 3

The National Contacts search interface enables the user to search for:

1. National Focal Points for the Cartagena Protocol on Biosafety (CPB-NFPs), who are responsible for liaising between the CBD Secretariat and their respective governments;
2. National Focal Points for the Biosafety Clearing-House (BCH-NFPs), who are responsible for liaising with the CBD Secretariat regarding the development and implementation of the BCH;
3. Emergency Measures Contact Points for receiving notifications under Article 17 of the Protocol;
4. Competent National Authorities, who are designated and authorized by governments to be responsible for performing the administrative functions required by Article 19 of the Protocol; and
5. National Biosafety Websites and Databases.

Finding information from the BCH Central Portal

The screenshot shows the Biosafety Clearing-House website. At the top, there are language links (Arabic, Chinese, English, Spanish, French, Russian) and account options (Sign Up for an Account, Sign In). The header features the 'Biosafety Clearing-House' logo, the Convention on Biological Diversity logo, and a background image of a globe. Below the header is a navigation bar with links: Home, The BCH, The Protocol, Finding Information, Registering Information, Resources, Help, and Country Profiles... A sidebar on the left contains sections for 'Finding Information' (National Contacts, Laws and Regulations, etc.) and 'Compiled Information' (National Contacts, LMOs-ULIs Registry, etc.). The main content area is titled 'Search for National Contacts'. It includes a descriptive text about the search results for different types of contacts, a search form with dropdown menus for country and country group, and a 'Search Now' button.

Figure 4

This screenshot is identical to Figure 4, but it includes five yellow arrows numbered 1 through 5, pointing to specific search criteria boxes in the form. Arrow 1 points to the 'Select a country' dropdown menu. Arrow 2 points to the 'Select country group (optional)' dropdown menu. Arrow 3 points to the 'Type of National Contact' dropdown menu. Arrow 4 points to the 'Date of record' dropdown menu. Arrow 5 points to the 'Keyword search' input field.

Figure 5

On the **Search for National Contacts** page there are five search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box a button allows the user to activate multiple selections. Once in the multiple

selection mode, it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Box 1 [Select a country] lists all the country names in a drop down menu, so that users can select one or more specific countries for a search.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas

Select a country 1

<Any>
Afghanistan
Albania
Algeria
Andorra
Angola
Antigua and Barbuda
Argentina

Please use Control-key to select multiple values

Search Now »

Figure 6

Box 2 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the selected group or groups.

Geographical areas

Type of National Contact

Date of record

Keyword search

Select country group (optional) 2

<Any>
<Any>
CBD - Biosafety Protocol Parties
CBD - Biosafety Protocol Signatories
CBD - CBD Parties
CBD Regional Groups - Africa
CBD Regional Groups - Asia and the Pacific
CBD Regional Groups - Central and Eastern Europe
CBD Regional Groups - Latin America and the Caribbean
CBD Regional Groups - Western Europe and Others
Global - Countries with Economies in Transition
Global - Developing countries

Browse all records »

Search Now »

Figure 7

Box 3 [Type of National Contact] lists the types of National Contacts available in the database and allows the user to narrow the search to national contacts, or groups of national contacts, with specific responsibilities.

Type of National Contact	<All> <All> All National Focal Points (CPB, BCH, Art 17, CBD) - Biosafety Clearing-House Focal Point - Cartagena Protocol on Biosafety National Focal Point - Cartagena Protocol on Biosafety Secondary National Focal Point - CBD National Focal Point - Emergency Measures (Article 17) Contact Point All Competent National Authorities (AIA, A11, Cont.use, Handling, - Handling, transport, packaging and identification - Intentional introduction into the environment (AIA) - LMOs for use as food or feed or for processing	3
Date of record		
Keyword search		

Figure 8

Box 4 [Date of record] allows the user to narrow the search according to the date records have been entered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).

Date of record	<All> <All> Last day Last week Last two weeks Last month Last two months Last six months Last year	4
Keyword search		

Figure 9

Box 5 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND/OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

The figure consists of three vertically stacked screenshots of a search interface. Each screenshot has a 'Keyword search' field on the left and a text input field on the right. Below the input fields are two buttons: 'Browse all records »' and 'Search Now »'. In the first screenshot, the input field contains 'Import' and a yellow box highlights the number '5' above the 'Keyword search' field. In the second screenshot, the input field contains 'Import AND Agriculture'. In the third screenshot, the input field contains 'Agricultur*'.

Figure 10

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically, by default, according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

This screenshot shows the same search interface as Figure 10, but with a yellow oval highlighting the 'Agricultur*' text in the search input field. Below the input field, two buttons are circled with ovals: 'Browse all records »' on the left and 'Search Now »' on the right.

Figure 11

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

This screenshot shows a 'Search results' page. At the top left, there's a 'Sort records by' dropdown menu with 'Country' selected. A yellow arrow points to this dropdown. Below it, a table lists search results for 'Antigua and Barbuda' as the Competent National Authority. The table includes columns for ID, Record, Plant Protection Unit, Source, and a 'Cont.' link. The 'Plant Protection Unit' column contains 'Public awareness and participation, Transboundary movement (import/export), Transit and contained use, Intentional introduction into the environment (AIA), LMOs for use as food or feed or for processing, Microorganisms, Plants'. The 'Source' column contains 'BCH-CP'. Navigation links like '< Previous | 1 2 | Next >' are also visible.

Figure 12

Example 1: A user may wish to identify the emergency measures contact points in Paraguay for issues related to unintentional transboundary movements of LMOs or emergency measures. By selecting Paraguay from the Select a country drop down menu and ‘Emergency Measures (Article 17) Contact Point’ from the Type of National Contact drop down menu, the user narrows the search to the records most likely to provide the needed information.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas

Select a country
Paraguay

Select country group (optional)
<Any>

Type of National Contact
- Emergency Measures (Article 17) Contact Point

Date of record
<All>

Keyword search
Enter keywords. Separate words with AND or OR.
[empty input field]

[Browse all records »](#) [Search Now »](#)

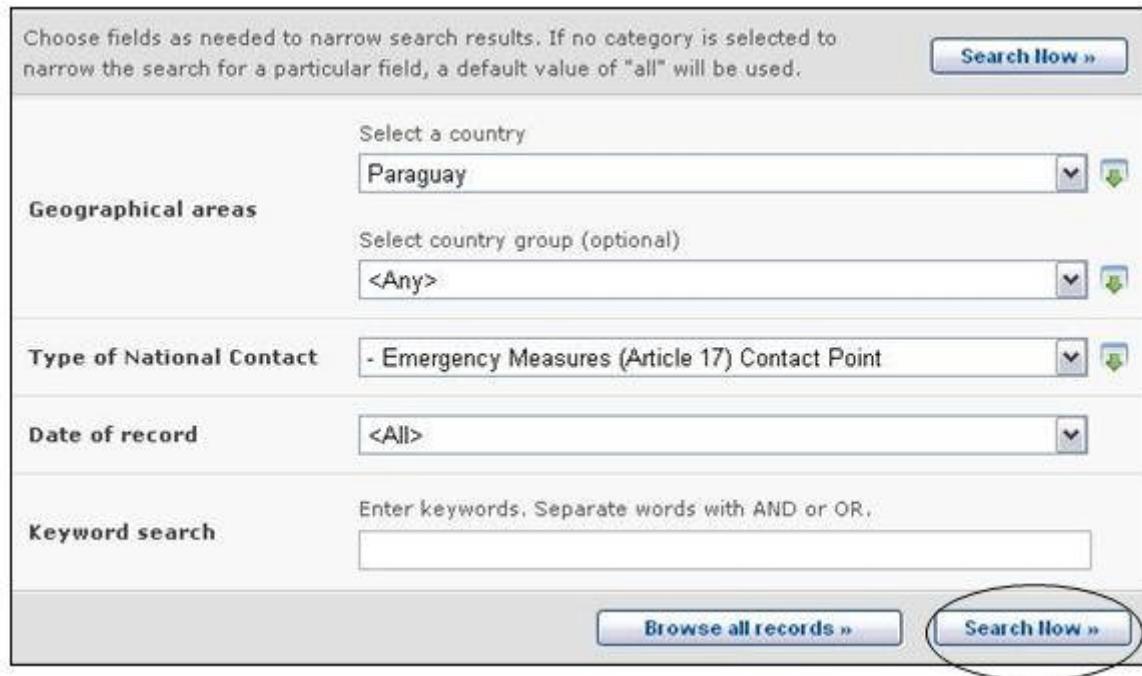


Figure 13

When the **Search Now** button is clicked, a page of **search results** shows which National Contacts in Paraguay have some responsibility for emergency measures. Selecting the title of the institution allows the user to open the record that contains the details for that national contact.

The screenshot shows the 'Search results' page of the BCH Central Portal. At the top, there is a navigation bar with links to Home, Finding Information, and Search results. Below this, a header says 'Search results' with a dropdown menu set to 'Country'. A yellow arrow points from the 'National Focal Point' link in the header to the 'National Focal Point' section of the main content area.

Sort records by: Country

ID Record holder and type **Source**

1 record(s) found

ID	Record holder and type	Source
9851	Paraguay National Focal Point	Ing. Maria Cristina Torres Cartagena Protocol on Biosafety National Focal Point, SCBD

[\[Export all results as XML\]](#)

Please consult the following:

National Focal Point

Record information and status

- Record ID: 9851
- Status: Published
- Date of creation: 2005-07-18 14:35 GMT (bchadmin@biodiv.org)
- Date of last update: 2006-12-13 20:44 GMT (andrew.bowers@cbd.int)
- Owner: bchadmin@biodiv.org

General information

Country: Paraguay

Category of National Focal Point:

- Cartagena Protocol on Biosafety National Focal Point
- Emergency Measures (Article 17) Contact Point

Person Details:

Coordinates:

Ing. Maria Cristina Torres
Representante Técnico Titular
Unidad de Bioseguridad
Secretaría del Ambiente
Presidencia de la República
Avenida Madame Lynch No. 3500
Asunción
Paraguay

Tel: +595 21 615 813
Fax: +595 21 615 814
Email: bioseguridad@seam.gov.py, m_cristortorres@yahoo.es
Url: [Secretaría del Ambiente](#)

[Cont. ↓](#)

Figure 14

Example 2: A user may wish to identify all of the BCH Focal Points in countries that are members of the Association of Southeast Asian Nations (ASEAN). The user selects Asia-Pacific - Association of Southeast Asian Nations in the Select Country Group box and Biosafety Clearing-House Focal Point in the Types of National Contacts box. Selecting the Search Now button displays a set of results showing the BCH Focal Points in the countries that are members of ASEAN.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas

Select a country

<Any>

Select country group (optional)

Americas - North American countries
Americas - South American countries
Americas - The Caribbean Community (Caricom)
Asia-Pacific - Association of Southeast Asian Nations
Asia-Pacific - Central Asian countries
Asia-Pacific - East Asian countries
Asia-Pacific - Economic and Social Commission for Asia and the
Asia-Pacific - Economic and Social Commission for Western Asia

Please use Control-key to select multiple values

Type of National Contact

<All>
All National Focal Points (CPB, BCH, Art 17, CBD)
- Biosafety Clearing-House Focal Point
- Cartagena Protocol on Biosafety National Focal Point
- Cartagena Protocol on Biosafety Secondary National Focal Poi
- CBD National Focal Point
- Emergency Measures (Article 17) Contact Point
All Competent National Authorities (AIA, A11, Cont.use, Handling)

Please use Control-key to select multiple values

Figure 15

The screenshot shows the 'Search results' page of the BCH Central Portal. At the top, there are links for 'Home' and 'Finding Information', and a search bar. Below the header, a table lists two records:

ID	Record holder and type	Source
8633	Brunei Darussalam National Focal Point	Ministry of Development Biosafety Clearing-House Focal Point
13244	Cambodia National Focal Point	Mr. Touch Vina Biosafety Clearing-House Focal Point

Below the table, a large box displays detailed record information for the first entry (ID 8633). The box is divided into sections: 'Record information and status', 'General information', 'Person Details', and 'Coordinates'. The 'Record information and status' section includes fields like Record ID (8633), Status (Published), Date of creation (2005-03-23 21:52 GMT), Date of last update (2007-07-06 17:00 GMT), and Owner (bchadmin@biodiv.org). The 'General information' section shows the country as Brunei Darussalam. The 'Person Details' section lists the name as Mr. Touch Vina. The 'Coordinates' section provides the address: Department of Environment, Parks & Recreation, Ministry of Development, BB 3510, Bandar Seri Begawan, Brunei Darussalam. A 'Cont. ↓' link is visible at the bottom right of the coordinates section.

Figure 16

2.2 Laws and Regulations

URL: <http://bch.cbd.int/database/laws/>

Under the Cartagena Protocol, Parties are responsible for making available through the BCH information about their relevant laws and regulations.

The search interface for information about Laws and Regulations can be accessed from the link in the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu on the **Finding Information** page or from the link in the Laws and Regulations text on the same page.

Finding Information

[Home](#) | [Finding Information](#)

Finding Information

Welcome to the 'Finding Information' section of the BCH. Here a wide variety of scientific, technical, environmental, legal and capacity building information can be accessed.

National Contacts

Follow this link to search for: (i) National Focal Points, (ii) Competent National Authorities and (iii) National Biosafety Websites and Databases

Laws and Regulations

Follow this link to search for: (i) National Laws, Regulations and (ii) Guidelines and Bilateral, Regional and Multilateral Agreements

Country's Decisions and other Communications

Follow this link to search for: (i) Decisions on LMOs under Advance Informed Agreement; (ii) Decisions on LMOs for food, for feed or for processing under Article 11; (iii) Other decisions & declarations; (iv) Risk Assessment Reports

LMOs

Follow this link to search for: (i) the LMO-UID Registry; (ii) Gene Registry and (iii) Organism Registry

Biosafety Information Resource Centre

Follow this link to access electronic catalogues of biosafety-related publications and information resources including: news services; e-mail listservs; online databases and search engines; reports and case studies; journals and newsletters; and teaching materials (manuals, toolkits and presentations). Its objective is increase the accessibility and utilization of available biosafety information and resources by policymakers, educators, researchers, and the general public.

[Cont. ↓](#)

Figure 17

This database enables users to search for:

1. National Laws;
2. National Regulations;
3. National Guidelines;
4. Bilateral Agreements;
5. Multilateral Agreements; and
6. Regional Agreements.

On the **Search for Laws and Regulations** page there are six search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Finding Information

- [Home](#) | [Finding Information](#) | [Search for Laws and Regulations](#)
- [National Contacts](#)
- [Laws and Regulations](#)
- [Country's Decisions and other Communications](#)
- [LMOs, Genes or Organisms](#)
- [Roster of Experts](#)
- [Capacity-Building](#)
- [Biosafety Information Resource Centre](#)
- [Scientific Bibliographic Database](#)
- [Organizations](#)

Compiled Information

- [National Contacts](#)
- [LMOs-ULds Registry](#)
- [Organisms Registry](#)
- [Gene Registry](#)

Search for Laws and Regulations

On this page you can search for: (i) **National Laws** (typically laws that have been passed by the national legislative body of a country's government); (ii) **National Regulations** (typically 'subordinate legislation'; usually of an administrative nature, that is authorized by a national law); (iii) **National Guidelines** (typically intended to assist with providing ways of complying with national laws, and national regulations.); (iv) **Bilateral Agreements** (typically agreements between two governments); (v) **Multilateral Agreements** (typically agreements between three or more governments); and (vi) **Regional Agreements** (typically agreements that are restricted to a particular region).

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

[Search Now »](#)

Select a country:	<input type="text" value="<Any>"/>	
Geographical areas	<input type="text" value="<Any>"/>	
Type of Laws or regulations	<input type="text" value="<All>"/>	
Subject area	<input type="text" value="<All>"/>	
Date of record	<input type="text" value="<All>"/>	
Keyword search:	<input type="text" value="Enter keywords. Separate words with AND or OR."/>	
	Browse all records »	Search Now »

Figure 18

Box 1 [Select a country] lists all the country names in a drop down menu, so that users can select one or more specific countries for a search.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

[Search Now »](#)

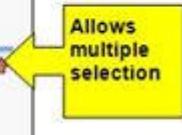
Select a country:	<input type="text" value="<Any>"/>	
Geographical areas	<input type="text" value="<Any>"/>	
		
	<input type="text" value="Afghanistan
Albania
Algeria
Andorra
Angola
Antigua and Barbuda
Argentina"/>	
	<input type="text" value="Please use Control-key to select multiple values"/>	

Figure 19

Box 2 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the selected group or groups.

Geographical areas	Select country group (optional) 
	<Any> <Any> CBD - Biosafety Protocol Parties CBD - Biosafety Protocol Signatories CBD - CBD Parties CBD Regional Groups - Africa CBD Regional Groups - Asia and the Pacific CBD Regional Groups - Central and Eastern Europe CBD Regional Groups - Latin America and the Caribbean CBD Regional Groups - Western Europe and Others Global - Countries with Economies in Transition Global - Developing countries
Type of National Contact	
Date of record	
Keyword search	
	Browse all records » Search Now »

Figure 20

Box 3 [Type of Laws or regulations] lists all categories of laws and regulations, available in the database and allows the user to narrow the search to (i) National Laws, Regulations & Guidelines or (ii) Bilateral, Regional & Multilateral Agreements.

Type of Laws or regulations 	<All> <All> - National Laws, Regulations & Guidelines - Bilateral, Regional & Multilateral Agreements
Subject area	

Figure 21

Box 4 [Subject area] lists the subjects of laws and regulations related to the implementation of the Protocol. This list allows the user to narrow the search to one or more subject areas.

Subject area 	<All> <All> - All functions pursuant to the Cartagena Protocol on Biosafety - Handling, transport, packaging and identification - Intentional introduction into the environment (AIA) - LMOs for use as food or feed or for processing - Pharmaceuticals - Public awareness and participation - Transboundary movement (import/export) - Transit and contained use - Contained use
Date of record	
Keyword search	

Figure 22

Box 5 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. 'last day', 'last month', 'last year', etc.).



Figure 23

Box 6 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

Figure 24

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the **search facility boxes**. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

Figure 25

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information Note that the sorting criteria change when the user selects different search criteria.

Search results			
Sort records by			
ID	Record	Source	
7 record(s) found			
24 Australia Law, Regulation or Guideline Gene Technology Act 2000 SCBD			
7214	Bulgaria Law, Regulation or Guideline Summary of regulatory system BCH-CP	All functions pursuant to the Cartagena Protocol on Biosafety	
7335	Canada Law, Regulation or Guideline Regulatory Directive 2000-07: Guidelines for the Environmental BCH-CP Release of Plants with Novel Traits within Confined Field Trials in Canada	BCH-CP Release of Plants with Novel Traits within Confined Field Trials in Canada	
11733	Ghana Law, Regulation or Guideline National Biosafety Guidelines BCH-CP	All functions pursuant to the Cartagena Protocol on Biosafety	
5429	Jamaica Law, Regulation or Guideline Abstract not available BCH-CP	Abstract not available	Cont. ↓

Figure 26

Example: A user wishes to identify national laws and regulations in the Oceania region. Select Asia-Pacific-Oceania in the **Select country group** box. Select National laws, regulations & guidelines in the **Type of Laws or regulations** box. Activate **Search Now**. The search results are displayed and the user can select any record to study the documentation from specific countries in the region.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas		Search Now »
Select a country	<Any>	 
Select country group (optional)	Asia-Pacific - Oceania	 
Type of Laws or regulations	- National Laws, Regulations & Guidelines	 
Subject area	<All>	 
Date of record	<All>	
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text"/>	
	Browse all records »	Search Now »

Figure 27

The screenshot shows the 'Search results' page of the BCH Central Portal. A yellow arrow points from the left side of the interface towards the detailed document view on the right.

Search results:

- Sort records by: Country
- ID Record holder and type
- 32 record(s) found

ID	Record holder and type	Link	Source
24	Australia	Gene Technology Act 2000	SCBD
9979	Kiribati	The Environment Act 1999	
9980	Kiribati	The Customs Act 1993	
9981	Kiribati	Plants and Animal Quarantine Ordinance	
9982	Kiribati	Importation of Animals Ordinance	
9983	Kiribati	The Plants Ordinance 1976	
9984	Kiribati	Public Health Ordinance 1926	

Record information and status:

- Record ID: 24
- Status: Published
- Date of creation: 2001-11-27 20:51 GMT (elizabeth.flynn@health.gov.au)
- Date of last update: 2006-12-04 21:09 GMT (andrew.bowers@cbd.int)
- Owner: elizabeth.flynn@health.gov.au

General information:

- Country: Australia
- Title of document: Gene Technology Act 2000

Legislative details:

- Date of entry into force: 2001-06-21

Document text:

Official documents available: [not specified] [Cont.](#)

Figure 28

2.3 Country's Decisions and other Communication

URL: <http://bch.cbd.int/database/decisions/>

Under the Cartagena Protocol, Parties are responsible for making available through the BCH information regarding their relevant decisions, declarations and other communications.

The search interface for information about ***Country's Decisions and other Communication*** can be accessed from the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding Information** page, or from the link in the **Country's Decisions and other Communication** text on the same page.

Finding Information

[Home](#) | [Finding Information](#)

Finding Information

Welcome to the 'Finding Information' section of the BCH. Here a wide variety of scientific, technical, environmental, legal and capacity building information can be accessed.

National Contacts

Follow this link to search for: (i) National Focal Points, (ii) Competent National Authorities and (iii) National Biosafety Websites and Databases

Laws and Regulations

Follow this link to search for: (i) National Laws, Regulations and (ii) Guidelines and Bilateral, Regional and Multilateral Agreements

Country's Decisions and other Communications

Follow this link to search for: (i) Decisions on LMOs under Advance Informed Agreement; (ii) Decisions on LMOs for food, for feed or for processing under Article 11; (iii) Other decisions & declarations; (iv) Risk Assessment Reports

LMOs

Follow this link to search for: (i) the LMO-UID Registry; (ii) Gene Registry and (iii) Organism Registry

Biosafety Information Resource Centre

Follow this link to access electronic catalogues of biosafety-related publications and information resources including: news services; e-mail listservs; online databases and search engines; reports and case studies; journals and newsletters; and teaching materials (manuals, toolkits and presentations). Its objective is increase the accessibility and utilization of available biosafety information and resources by policymakers, educators, researchers, and the general public.

[Cont.](#)

Figure 29

This database enables users to search for decisions and other communication related to:

1. Risk Assessments report
2. All decisions under AIA
 - Article 10.3(a) - Approving the import, with or without conditions
 - Article 10.3(b) - Prohibiting the import
 - Article 10.3(c) - Requesting additional relevant information
 - Article 10.3(d) - Informing the notifier that the period is extended
 - Decision on release of LMOs, taken prior to entry into force of the Protocol
3. All decisions under Article 11
 - Article 11.1 - Domestic use of an LMO for food or feed, or for processing
 - Article 11.4 - Import of an LMO for food or feed, or for processing, taken under domestic framework
 - Article 11.6 - Import of an LMO for food or feed, or for processing, taken in the absence of a domestic framework
 - Decision on domestic use or import of LMO-FFPs, taken prior to entry into force of the Protocol
4. Decision, declaration, notification or report under Articles 6, 13, 14, 17 and 25
 - Article 13.1a - Simplified procedure, import at same time as notification
 - Article 13.1b - Simplified procedure - imports exempt from AIA
 - Article 14.4 - Domestic regulations that apply with respect to specific imports
 - Article 17.1 notification - Unintentional transboundary movement
 - Article 25.3 notification - Illegal transboundary movements
 - Article 6.1 - Transit
 - Article 6.2 - Contained use
5. Decision on import or release, taken prior to entry into force of the Protocol
6. Declaration made upon ratification or accession
 - Field trial not covered by AIA
7. Other decision, declaration, notification or report

On the **Search for Country's Decisions and Other Communications** page there are six search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from

which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Figure 30

Box 1 [Select a country] lists all the country names in a drop down menu so that users can select one or more specific countries for a search.

Figure 31

Box 2 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the

selected group or groups.

Geographical areas	
Type of National Contact	Select country group (optional) 2
Date of record	<input type="text"/>
Keyword search	<input type="text"/>
Browse all records » Search Now »	

<Any>
 CBD - Biosafety Protocol Parties
 CBD - Biosafety Protocol Signatories
 CBD - CBD Parties
 CBD Regional Groups - Africa
 CBD Regional Groups - Asia and the Pacific
 CBD Regional Groups - Central and Eastern Europe
 CBD Regional Groups - Latin America and the Caribbean
 CBD Regional Groups - Western Europe and Others
 Global - Countries with Economies in Transition
 Global - Developing countries

Figure 32

Box 3 [Type of decision, declaration, notification or report] lists all types of country decisions and other communications available in the database. This can be used to help narrow the selection to decisions or communication on specific aspects of LMO utilization.

Type of decision, declaration, notification or report	
Type of living modified organisms	<input type="text"/>
Date of record	<input type="text"/>
Keyword search	<input type="text"/>
Browse all records » Search Now »	

<All>
 Risk Assessments report
 All decisions under AIA
 - Article 10.3(a) - Approving the import, with or without conditions
 - Article 10.3(b) - Prohibiting the import
 - Article 10.3(c) - Requesting additional relevant information
 - Article 10.3(d) - Informing the notifier that the period is extended
 - Decision on release of LMOs, taken prior to entry into force of the
 All decisions under Article 11
 - Article 11.1 - Domestic use of an LMO for food or feed, or for proc
 - Article 11.4 - Import of an LMO for food or feed, or for processing,

Figure 33

Box 4 [Type of living modified organism] allows the user to apply filters for various aspects of an LMO in order to further narrow the search to records that are specifically related to the selected criteria. Filter categories available are the following: (i) LMOs, identified usually by a Unique Identifier (e.g. MON00810-6), (ii) Introduced or Modified Traits (e.g. Glyphosate tolerance), (iii) Gene name (e.g. Cry1A(b)), (iv) Technique Used (e.g. Agrobacterium-mediated), (v) Parental organism common name (e.g. Maize), (vi) Parental organism scientific name (e.g. Zea mays) or (vii) Applicant (free text entry - e.g. Monsanto).

Selecting one or more filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

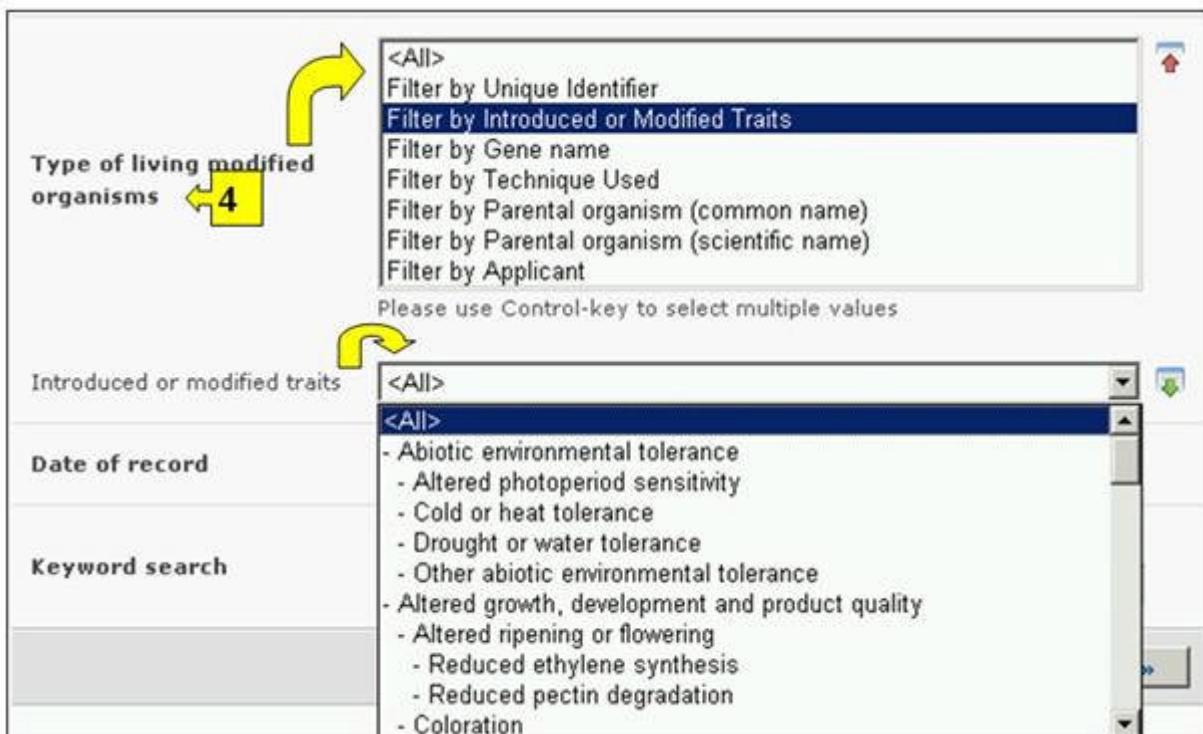


Figure 34

Box 5 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).



Figure 35

Box 6 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

The screenshot shows a search interface with a 'Keyword search' section. A yellow callout box labeled '6' points to the search term 'Papaya' entered into the search input field. Below the input field are two buttons: 'Browse all records »' and 'Search Now ». The 'Search Now »' button is highlighted with a blue border.

Figure 36

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

Searches that identify more than 1000 records are truncated to the first 1000 records produced by the search.

This screenshot shows the same search interface as Figure 36, but with rounded buttons for the 'Browse all records »' and 'Search Now »' buttons. The search term 'Papaya' is again highlighted in a yellow callout box labeled '6'.

Figure 37

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

The screenshot displays a 'Search results' page. At the top, there is a 'Sort records by' dropdown menu with 'Country' selected, indicated by a yellow arrow. Below the header, it says '2 record(s) found'. The table lists two records:

ID	Record holder and type	Source	
6471	United States of America Decision on LMO for FFP under Article 11	Virus-resistant papaya Cornell University Carica papaya - Papayas	US-BCH
6883	United States of America Decision on LMO for FFP under Article 11	Virus-resistant papaya Cornell University Carica papaya - Papayas	US-BCH Cont. ↓

Figure 38

Example: A user wishes to identify all the decisions taken by New Zealand under Article 11 of the Protocol. Select New Zealand in the **Select a country** box. Select All decisions under Article 11 in the **Type of decision, declaration, notification or report** box. Activate the **Search Now** button.

The search results are displayed as a list of records. Detailed information about each record can be viewed by selecting the title of the decision (in bold blue type).

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas

Select a country
New Zealand

Select country group (optional)
<Any>

Type of decision, declaration, notification or report
All decisions under Article 11

Type of living modified organisms
<All>

Date of record
<All>

Keyword search
Enter keywords. Separate words with AND or OR.

Browse all records » **Search Now »**

Figure 39

Search results

Sort records by Country

ID	Record holder and type	Source
187	New Zealand Decision on LMO for FFP under Article 11 SYN-BT011-1 - YieldGard™ Maize Syngenta Zea mays - Maize, Corn	OECD
192	New Zealand Decision on LMO for FFP under Article 11 DD-026005-3 - High oleic acid 5 DuPont/Pioneer Hi-Bred Internat. Glycine max - Soybeans	
203	New Zealand Decision on LMO for FFP under Article 11 MON-01445-2 - Roundup Ready® Monsanto Gossypium - Cotton	

Record information and status

- Record ID: 187
- Status: Published
- Date of creation: 2002-08-23 21:56 GMT (Masahiro.MIYAZAKO@oecd.org)
- Date of last update: 2007-07-16 16:20 GMT (bch@biociv.org)
- Owner: Masahiro.MIYAZAKO@oecd.org

General information

Country communicating the decision

- New Zealand

Type of decision or declaration

- Article 11.1 - Domestic use of an LMO for food or feed, or for processing

Applicant details

Contacts

Syngenta (Novartis (Northrup King, Northrup King Seeds Ltd.(Canada)))

Cont. ↓

Figure 40

2.4 LMOs, Genes and Organisms

URL: <http://bch.cbd.int/database/organisms/>

The Secretariat maintains three registries in the BCH to assist users to access information regarding LMOs as follows:

1. LMO Registry;
2. Gene Registry
3. Organism Registry.

There are two options to access information from these three registries. It can either be searched through the single search interfaces available in the primary 'Finding Information' section or it can be accessed by browsing the relevant registry under the 'Compiled information' subsection.

Access to the compiled lists or the search interface are provided by links located in the **Finding Information** drop down menu on the navigation bar, or in the menu on the left side of the **Finding Information** page.

The screenshot shows the BCH Central Portal's user interface. At the top, there is a navigation bar with links for Home, The BCH, The Protocol, Finding Information, Registering Information, Resources, and Help. A dropdown menu labeled 'Country Profiles' is open. Below the navigation bar, there is a sidebar with several sections: 'Finding Information' (with 'LMOs, Genes or Organisms' highlighted), 'Capacity-Building', 'National', 'LMOs', and 'Compiled Information'. The main content area has a large yellow arrow pointing downwards towards a search form. The search form is titled 'Search for LMOs, genes and organisms' and contains the following fields: 'Registries' (dropdown set to '<All>'), 'Type of living modified organism' (dropdown set to '<All>'), 'Type of gene' (dropdown set to '<All>'), 'Type of organism' (dropdown set to '<All>'), 'Date of record' (dropdown set to '<All>'), and a 'Keyword search' input field. There are also 'Search Now' and 'Browse all records' buttons at the bottom of the form.

Figure 41

2.4.1 Unique Identification Registry

The **Unique Identification Registry** provides summary information for all LMO entries, including the transformation event, genetic modification, and the unique identification code (if available) for each record. The records provide links to all decisions and risk assessment reports that refer to these organisms.

The BCH Central Portal uses a unique identification system for living modified organisms to facilitate searching and retrieval of information. Currently, the only existing unique identification system in international use is the OECD Unique Identifier for Transgenic Plants.

The OECD **Unique Identifier** is a simple alphanumeric code that is given to each living modified plant that is approved for commercial use, including for use as food or feed, similar to the ISBN codes used to identify books. The OECD naming system has been designed so that developers of a new transgenic plant can generate an identifier and include it in the dossiers that they forward to national authorities during the safety assessment process. Once approved, national authorities forward the unique identifier to the OECD Secretariat for inclusion in the OECD's product database, from which the information is automatically shared with the Biosafety Clearing-House.

The unique identifier is a nine-digit code, composed of three elements that are separated by dashes (-). These elements are:

1. 2 or 3 alphanumeric digits to designate the applicant;
2. 5 or 6 alphanumeric digits to designate the transformation event;
3. 1 numerical digit for verification (this is intended to reduce errors by ensuring the integrity of the alphanumeric code).

ID Record holder and type		Source
14759 Unique Identification Registry	ACS-BN005-8 - InVigor™ Canola Bayer CropScience (Aventis (AgrEvo (Plant Genetic Systems))) Brassica napus - Canola (Argentine) Male sterility, Glufosinate tolerance, Kanamycin resistance	OECD
14839 Unique Identification Registry	FLO-00066-8 - Long vase life carnation Florigene Dianthus caryophyllus - Carnations Reduced ethylene synthesis, Sulfonylurea tolerance	OECD Cont. ↓

Figure 42

Two approaches are possible for products created with more than one transformation event (often referred to as “stacked” transformation events), where these transformation events have been previously approved for commercialization. An applicant may choose to generate a novel unique identifier for such products or they may choose to use a combination of the unique identifiers from products previously approved for commercialization.

The Unique Identification registry contains a single entry for each unique organism or transformation event and includes detailed information about the organism. The registry presents this information summarized in table format, where each record may be selected for further details.

Records in the LMOs registry provide the following information:

1. Contact information for the developer, company or applicant;
2. Name and identity of the LMO (trade name);

3. Unique identification (when available);
4. Information about related LMOs;
5. Information on the recipient or parental organism (including Taxonomic name or status, Common name(s) and Point of collection or acquisition);
6. Information about the LMO (including the Transformation event, Techniques used for modification, Gene inserts, Donor organism(s) Point of collection or acquisition of donor organism(s), Introduced or modified traits and Description of gene modification);
7. Information about the Commercial status (such as (i) Authorized use (in at least one country), (ii) Discontinued by developer or (iii) Never commercialized and including the Source of information about commercial status); and
8. Any other relevant information and references.

Three tabs at the top of each LMO record provide links to:

1. General information about the LMO;
2. Country decisions on the LMO; and
3. Risk assessments.

Search for LMOs, genes and organisms

On this page you can search: (i) The **LMO-Unique Identifiers Registry (LMO-UIDs)**, which provides summary information on all living modified organisms registered in the BCH including transformation events, genetic modifications, and the unique identification code (if available) for each record. Links to all decisions that refer to these organisms are provided at the bottom of each LMO record accessible through the registry; (ii) The **Gene Registry**, which provides summary information on gene inserts and characteristics of the genetic modifications of LMOs; and (iii) The **Organism Registry**, which provides summary information on parental, recipient or donor organisms related to the LMOs registered in the BCH.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries	<input type="button" value="Search Now »"/>
Type of living modified organism	<div style="border: 1px solid #ccc; padding: 5px; width: 300px;"> <input type="button" value="<All>"/> <input type="button" value="<All>"/> <input style="background-color: #0070C0; color: white; font-weight: bold; border: 1px solid #0070C0;" type="button" value="Unique Identification Registry"/> <input type="button" value="Gene"/> <input type="button" value="Parent or Donor Organism"/> </div>

Figure 43

2.4.2 Gene Registry

The **Gene Registry** contains information about gene inserts and characteristics of the modification of LMOs. Records in this registry provide the following information:

1. Name of the gene;
2. Introduced or modified traits;
3. Gene product;
4. Gene function;
5. Information about the donor organism (including reference to the point of collection or acquisition of recipient organism or parental organisms)
6. Additional information

Conventionally, gene names are written in italics and the proteins typically use the same name as the originating gene but in regular font. For example, the *cry1A(b)* gene produces the Cry1A(b) protein.

Search for LMOs, genes and organisms

On this page you can search: (i) The **LMO-Unique Identifiers Registry (LMO-UIDs)**, which provides summary information on all living modified organisms registered in the BCH including transformation events, genetic modifications, and the unique identification code (if available) for each record. Links to all decisions that refer to these organisms are provided at the bottom of each LMO record accessible through the registry; (ii) The **Gene Registry**, which provides summary information on gene inserts and characteristics of the genetic modifications of LMOs; and (iii) The **Organism Registry**, which provides summary information on parental, recipient or donor organisms related to the LMOs registered in the BCH.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries

Type of living modified organism:	<input type="text" value="Gene"/> <All>
	Unique Identification Registry
	<input checked="" type="text" value="Gene"/>
	Parent or Donor Organism

Search Now »

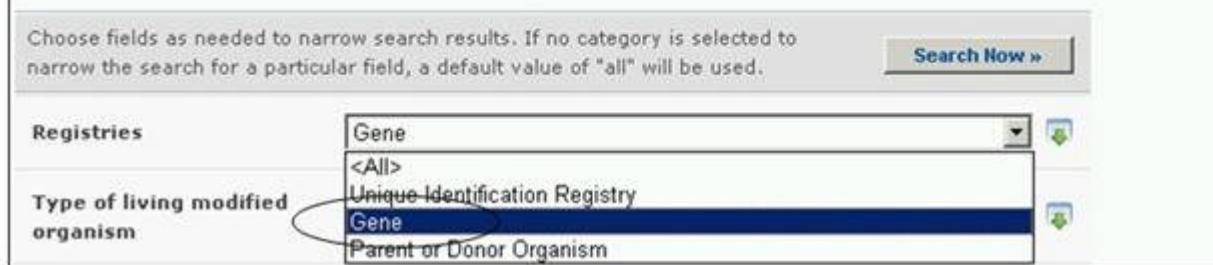


Figure 44

2.4.3 Parent or Donor Organism Registry

The **Parent or Donor Organism Registry** provides summary information on parental, recipient or donor organisms related to the LMOs registered in the BCH Central Portal. Records in this registry provide the following information:

1. Taxonomic name or status:
2. Common name(s):
3. Characteristics related to biosafety:
4. Centre(s) of origin of the organism:
5. Centre(s) of genetic diversity, if known, of the organism:
6. Habitats where the organism may persist or proliferate:
7. Any other relevant information

Search for LMOs, genes and organisms

On this page you can search: (i) The **LMO-Unique Identifiers Registry (LMO-UIDs)**, which provides summary information on all living modified organisms registered in the BCH including transformation events, genetic modifications, and the unique identification code (if available) for each record. Links to all decisions that refer to these organisms are provided at the bottom of each LMO record accessible through the registry; (ii) The **Gene Registry**, which provides summary information on gene inserts and characteristics of the genetic modifications of LMOs; and (iii) The **Organism Registry**, which provides summary information on parental, recipient or donor organisms related to the LMOs registered in the BCH.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries	<input type="text" value="Gene"/> <div style="border: 1px solid #ccc; padding: 2px; margin-top: 2px;"> Gene <All> Unique Identification Registry Gene Parent or Donor Organism </div>
Type of living modified organism	<input type="text" value="Gene"/> <div style="border: 1px solid #ccc; padding: 2px; margin-top: 2px;"> Gene <All> Unique Identification Registry Gene Parent or Donor Organism </div>

[Search Now »](#)

Figure 45

2.4.4 Registry searches

The search interface for information about **LMOs, genes and organisms** can be accessed from the link in the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu on the **Finding Information** page or from the link in the **LMOs, genes and organisms** text on the same page.

On the **Search for LMOs, genes and organisms** page the user can search for information in:

1. The LMO-Unique Identifiers Registry (LMO-UIDs), which provides summary information about all living modified organisms registered in the BCH including transformation events, genetic modifications, and the unique identification code (if available) for each record. Links to all decisions and risk assessments that refer to these organisms are accessible through tabs provided in each LMO record;
2. The Gene Registry, which provides summary information about gene elements and characteristics of the genetic modifications of LMOs; and
3. The Organism Registry, which provides summary information about parental, recipient or donor organisms related to the LMOs registered in the BCH.

On the **Search for LMOs, genes and organisms** page there are six search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Search for LMOs, genes and organisms

On this page you can search: (i) The **LMO-Unique Identifiers Registry (LMO-UIDs)**, which provides summary information on all living modified organisms registered in the BCH including transformation events, genetic modifications, and the unique identification code (if available) for each record. Links to all decisions that refer to these organisms are provided at the bottom of each LMO record accessible through the registry; (ii) The **Gene Registry**, which provides summary information on gene inserts and characteristics of the genetic modifications of LMOs; and (iii) The **Organism Registry**, which provides summary information on parental, recipient or donor organisms related to the LMOs registered in the BCH.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries	<input type="button" value="<All>"/> 1	<input type="button" value="Search Now »"/>
Type of living modified organism	<input type="button" value="<All>"/> 2	
Type of gene	<input type="button" value="<All>"/> 3	
Type of organism	<input type="button" value="<All>"/> 4	
Date of record	<input type="button" value="<All>"/> 5	
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text"/> 6	
		<input type="button" value="Browse all records »"/> <input type="button" value="Search Now »"/>

Figure 46

There are six search criteria boxes provided for refining searches in this database.

Box 1 [Registries] lists the three registries available: LMO, Gene and Parent or Donor Organism.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries	<input type="button" value="<All>"/> 1	<input type="button" value="Search Now »"/>
	<input type="checkbox"/> Unique Identification Registry <input type="checkbox"/> Gene <input type="checkbox"/> Parent or Donor Organism <small>Please use Control-key to select multiple values.</small>	<input type="checkbox"/> Allows multiple selection

Figure 47

Box 2 [Type of living modified organism] allows the user to apply filters for various aspects of an LMO in order to further narrow the search to records that are specifically related to the selected criteria. Filter categories available are the following: (i) LMOs, identified usually by a Unique Identifier (e.g. MON00810-6), (ii) Introduced or Modified Traits (e.g. Glyphosate tolerance), (iii) Gene name (e.g. Cry1A(b)), (iv) Technique Used (e.g. Agrobacterium-mediated), (v) Parental organism common name (e.g. Maize), (vi) Parental organism scientific name (e.g. Zea mays) or (vii) Applicant (free text entry, e.g. Monsanto).

Selecting one or more filter criteria from the drop down menu opens additional search boxes with a drop

down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

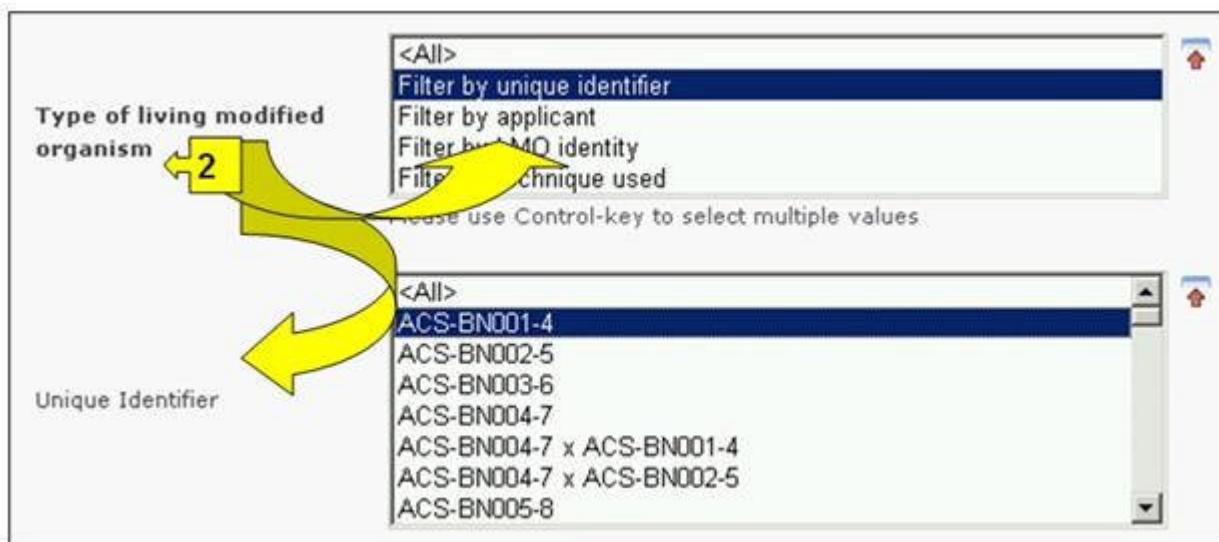


Figure 48

Box 3 [Type of gene] allows the user to apply filters for a gene name and/or for a gene trait in order to further narrow the search to records that are specifically related to the selected criteria.

Selecting one or both filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

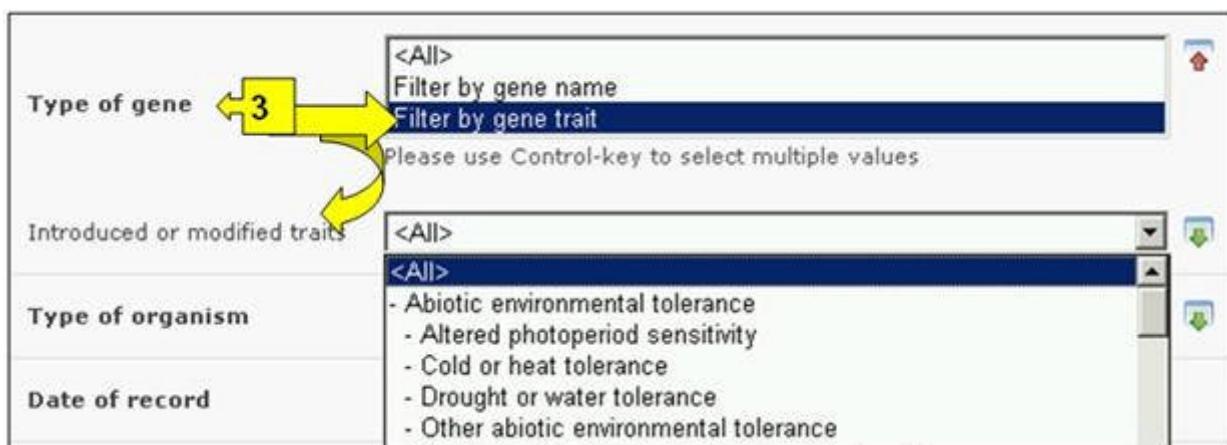


Figure 49

Box 4 [Type of organism] allows the user to apply filters for the common name and/or for the scientific name of organisms in order to further narrow the search to records that are specifically related to the selected criteria.

Selecting one or both filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

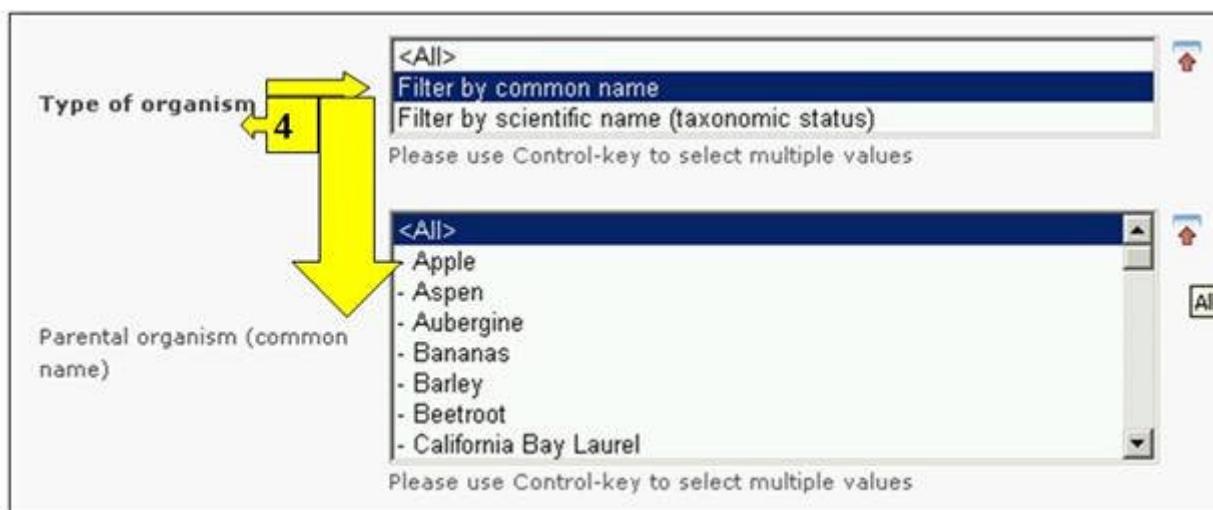


Figure 50

Box 5 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).



Figure 51

Box 6 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

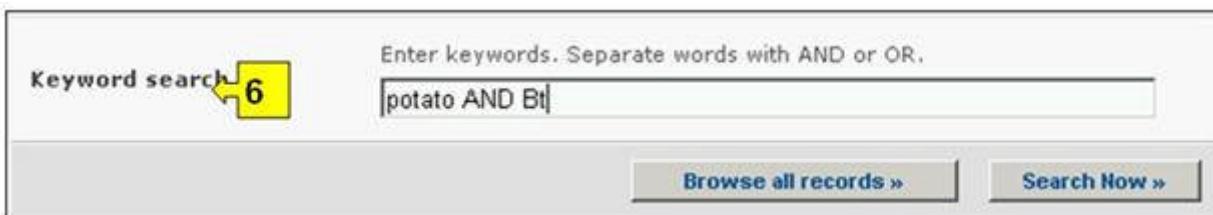


Figure 52

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in

the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

The screenshot shows a search interface with a 'Keyword search' field containing 'potato AND Bt'. Below it are two buttons: 'Browse all records >' and 'Search Now >'. A yellow arrow points to the 'Search Now' button.

Figure 53

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

The screenshot shows a 'Search results' page with a sorting dropdown menu open, showing options like 'Date of last update', 'LMO trait', 'Technique used', and 'Unique identification'. A yellow arrow points to the 'Date of last update' option. The page displays 24 record(s) found, with two records listed:

ID	Record	Title	Source
14787	Unique Identification Registry	NMK-89170-9 - NewLeaf™ Atlantic Potato	OECD
14788	Unique Identification Registry	NMK-89675-1 - NewLeaf™ Russet Burbank Potato	OECD

Figure 54

Example: A user wishes to identify all the canola modifications produced by BASF that improve phytate degradation. The user: (i) selects Filter by Applicant in the Type of LMO box and type BASF in the Applicant box; (ii) then selects Filter by trait in the Type of gene box and Phytate degradation in the Introduced or modified traits box; and (iii) selects the Filter by common name In the Type of organisms box and selects Rapeseed in the Parental organism box.

Activating the **Search Now** button presents the search results which are displayed as a list of records. Detailed information about each LMO can be viewed by selecting the title of the record.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Registries	<input type="text" value="<All>"/>	Search Now »
Type of living modified organism	<input type="text" value="Filter by applicant"/>	Filter by applicant
Applicant	<input type="text" value="BASF"/>	BASF
Type of gene	<input type="text" value="Filter by gene trait"/>	Filter by gene trait
Introduced or modified traits	<input type="text" value="- Phytate degradation"/>	- Phytate degradation
Type of organism	<input type="text" value="Filter by common name"/>	Filter by common name
Parental organism (common name)	<input type="text" value="- Rapeseed"/>	- Rapeseed
Date of record	<input type="text" value="<All>"/>	<All>
Keyword search	<input type="text"/> Enter keywords. Separate words with AND or OR.	
		Browse all records »
		Search Now »

Figure 55

The screenshot shows the 'Search results' section of the BCH Central Portal. A yellow arrow points from the left side of the interface towards the central document view. The central view displays a detailed record for 'Canola MPS961 Phytaseed™ (phytase-producing)'. The record includes general information, country decisions, and risk assessments. It also lists developer details (BASF) and records referencing this document, which include decisions on LMOs for FFP under Article 11.

ID	Description
6330	Decision on LMO for FFP under Article 11 Phytaseed™ BASF Brassica napus - Canola (Argentine)
6346	Decision on LMO for FFP under Article 11 Phytaseed™ BASF Brassica napus - Canola (Argentine)

Figure 56

2.5 Roster of Experts

URL: <http://bch.cbd.int/database/experts/>

The Roster of Experts was established by the Conference of the Parties to the Convention on Biological Diversity (COP) when the Protocol was adopted (see Decision EM-I/3). Its purpose is 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 movement of LMOs”.

The COP-MOP, the governing body of the Protocol, decided that access to the roster of experts will be maintained through the BCH, where nomination forms for the roster are available, so that Parties can nominate experts. Reports on the Roster of Experts database and the voluntary fund are accessible under the reporting section of The Protocol pages. Module 03 covers access to these reports.

The search interface for the Roster of Experts database can be accessed from the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding Information** page or the link in the Roster of Experts text on the same page. These links take users to the **Search the Roster of Experts** page where they can search for biosafety experts nominated by Governments.

Finding Information

Welcome to the 'Finding Information' section of the BCH. Here a wide variety of scientific, technical, environmental, legal and capacity building information can be accessed.

National Contacts
Follow this link to search for: (i) National Focal Points, (ii) Competent National Authorities and (iii) National Biosafety Websites and Databases

Laws and Regulations
Follow this link to search for: (i) National Laws, Regulations and (ii) Guidelines and Bilateral, Regional and Multilateral Agreements

Country's Decisions and other Communications
Follow this link to search for: (i) Decisions on LMOs under Advance Informed Agreement; (ii) Decisions on LMOs for food, for feed or for processing under Article 11; (iii) Other decisions & declarations; (iv) Risk Assessment Reports

Capacity Building
Follow this link to search for: (i) Biosafety Capacity Building Projects; (ii) Capacity-Building Opportunities; (iii) Compendium of Academically-Accredited Biosafety Courses; and (iv) Capacity-Building Needs and Priorities

Roster of Experts
Follow this link to access a database of experts in biosafety, searchable using various fields.

Figure 57

Search the Roster of Experts

On this page you can search for **biosafety experts nominated by Governments**. The Roster was established by [ExCOP-1 Decision EM-1/3](#) 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."

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Geographical areas

Select a country
<Any>

Select country group (optional)
<Any>

Experts

<All>

Date of record

<All>

Keyword search

Enter keywords. Separate words with AND or OR.
[Search input field]

Search Buttons:
Search Now »
Browse all records »

Figure 58

This database enables users to search for Biosafety Experts nominated by Governments.

There are five search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Box 1 [Select a country] lists all the country names in a drop down menu, so that users can select one or more specific countries for a search.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Search Now »

Select a country 1

Geographical areas

<Any>
Afghanistan
Albania
Algeria
Andorra
Angola
Antigua and Barbuda
Argentina

Please use Control-key to select multiple values

Allows multiple selection

Figure 59

Box 2 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the selected group or groups.

Geographical areas

Select country group (optional) 2

Type of National Contact

Date of record

Keyword search

<Any>
<Any>
CBD - Biosafety Protocol Parties
CBD - Biosafety Protocol Signatories
CBD - CBD Parties
CBD Regional Groups - Africa
CBD Regional Groups - Asia and the Pacific
CBD Regional Groups - Central and Eastern Europe
CBD Regional Groups - Latin America and the Caribbean
CBD Regional Groups - Western Europe and Others
Global - Countries with Economies in Transition
Global - Developing countries

Browse all records »

Search Now »

Figure 60

Box 3 [Experts] allows the user to apply filters for the name, nationality or nominating country of the expert in order to further narrow the search to records that are specifically related to the selected criteria.

Selecting one or both filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

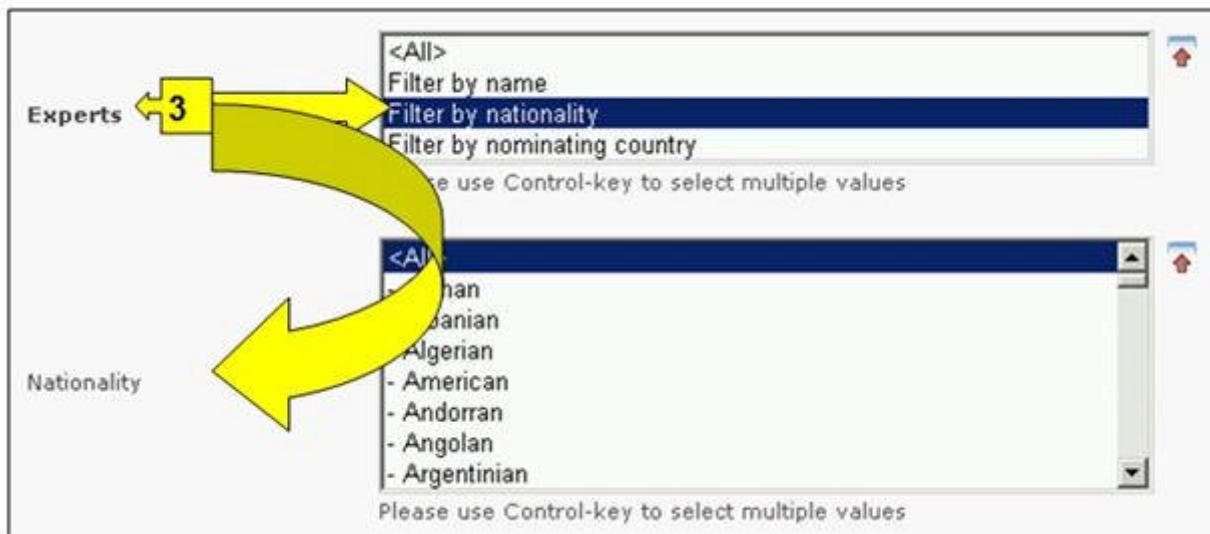


Figure 61

Box 4 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).



Figure 62

Box 5 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

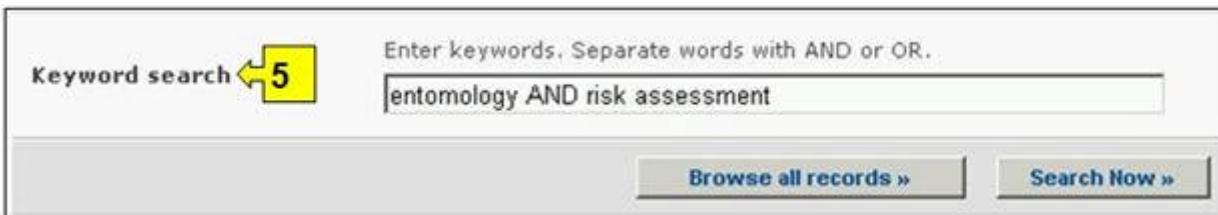


Figure 63

The search page offers three buttons to produce record list. The **Search Now** button (both at the top and

bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

The screenshot shows a search interface with a 'Keyword search' section. It includes a text input field with the placeholder 'Enter keywords. Separate words with AND or OR.' and a value 'entomology AND risk assessment'. Below the input field are two buttons: 'Browse all records »' and 'Search Now »'.

Figure 64

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

The screenshot shows a 'Search results' page. At the top left is a 'Sort records by' dropdown menu with 'Country' selected. A yellow arrow points from the 'Sort records by' label to the dropdown menu. The page displays a list of 12 records, each with an ID, name, title, and organization. Two records are shown in detail: Dr. Plamen Kalushkov from Bulgaria and Mr. Jean Pierre Anota from Democratic Republic of the Congo. Both records are associated with SCBD and their respective institutions. Navigation buttons for 'Previous', 'Next', and 'Source' are visible at the top right, along with a 'Cont. ↓' link at the bottom right.

Figure 65

Example: A user wishes to identify experts from Europe who have experience in forestry and risk assessment. The user (i) selects Eurasia - Europe (all countries) in the **Geographical areas, country group** box and (ii) enters forestry AND risk assessment in the **Keywords** box.

Activating the Search Now button presents the search results. The search results are displayed as a list of records, grouped according to country. Detailed information about each expert can be viewed by selecting the expert's name, which opens the record.

Search the Roster of Experts

On this page you can search for **biosafety experts nominated by Governments**. The Roster 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."

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

[Search Now »](#)

Select a country <input type="text" value="<Any>"/>	
Geographical areas Select country group (optional) <input type="text" value="Eurasia - Europe (all countries)"/>	
Experts	<input type="text" value="<All>"/>
Date of record	<input type="text" value="<All>"/>
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text" value="forestry AND risk assessment"/>
Browse all records »	

Figure 66

Search results

Sort records by Country ▾

< Previous | 1 | Next >

ID	Record holder and type	Source
16 record(s) found		
329	Austria Biosafety Expert	 Dr. Helmut Gaugitsch Federal Environment Agency
11569	Belgium Biosafety Expert	Dr. Patrick RÜDELSH...
7163	Bulgaria Biosafety Expert	Dr Mariana Vlahova
7215	Bulgaria Biosafety Expert	AgroBioInstitute Professor Atanas At...
681	Denmark Biosafety Expert	Dr. Mads Strandbe...
449	Netherlands Biosafety Expert	Mr. Piet van der Me...
		HORIZONS sprl

Record information and status

Record ID: 329
 Status: Published
 Date of creation: 2003-04-23 16:30 GMT (helmut.gaugitsch@umweltbundesamt.at)
 Date of last update: 2007-02-20 08:16 GMT (helmut.gaugitsch@umweltbundesamt.at)
 Owner: helmut.gaugitsch@umweltbundesamt.at

General information

Country of the Government making the nomination

- Austria  

Person Details

Coordinates

Dr. Helmut Gaugitsch
 Head of Department
 Department of Environmental Impact Assessment & Biosafety
 Federal Environment Agency
 Spittelauer Laende 5
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 Url: [Federal Environment Agency website](#)

[Cont. ↓](#)

Figure 67

2.6 Capacity-Building

URL: <http://bch.cbd.int/database/activities/>

Under Article 22 of the Protocol, Parties are required to cooperate in the developing and/or strengthening of human resources and institutional capacity for the effective implementation of the Protocol. Through the BCH, Parties and others can access information about capacity-building and other assistance for implementation of the Protocol. In addition, governments can register their capacity-building needs and priorities in the BCH.

A search for information about capacity building can be accessed from the link on the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding Information** page, or from the link in the Capacity Building text on the same page.

Figure 68

On the **Search for information on Capacity-Building** page the user can search for:

1. Biosafety Capacity Building Projects;
2. Capacity-Building Opportunities;
3. Country Needs and Priorities;
4. Biosafety Courses

On the **Search for information on Capacity-Building** page there are six search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

There are eight search criteria boxes on this page.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Type of assistance 1

Select a country 2

Geographical areas

Select country group (optional) 3

Capacity building categories 4

Project, Opportunities, Needs and Priorities 5

Training offered 6

Date of record 7

Keyword search Enter keywords. Separate words with AND or OR. 8

Figure 69

Box 1 [Type of assistance] allows the user to narrow the search to countries or regions either requesting or providing assistance.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Type of assistance 1

Countries or regions requesting assistance
 Countries or regions providing assistance

Please use Control-key to select multiple values

Figure 70

Box 2 [Select a country] lists all the country names in a drop down menu, so that users can select one or more specific countries for a search.



Figure 71

Box 3 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the selected group or groups.



Figure 72

Box 4 [Capacity building category] allows the user to narrow a search to specific capacity building categories such as capacity building projects; capacity building opportunities; Country needs and priorities and/or biosafety courses.

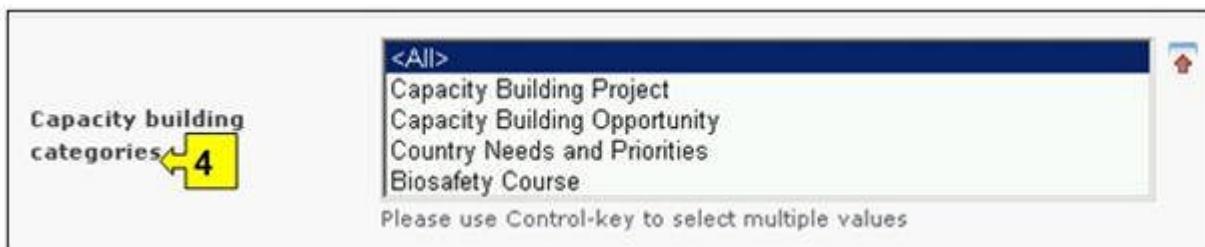


Figure 73

Box 5 [Project, Opportunities, Needs and Priorities] allows the user to apply filters for various aspects of

capacity-building activities in order to further narrow the search to records that are specifically related to the selected criteria. Filter categories are: (i) Project name, (ii) Capacity-building area, (iii) Status of the project, (iv) Type of implementing agency, (v) Organization and (vi) Source of funding

Selecting one or more filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

Project, Opportunities, Needs and Priorities

5

<All>
Filter by project name
Filter by type capacity building area
Filter by status
Filter by type of implementing agency
Filter by organization
Filter by source of funding
Please use Control-key to select multiple values

Status	<All>
Training offered	<All> - Completed - On-going - Planned
Date of record	<All>

Figure 74

Box 6 [Training offered] allows the user to apply filters for thematic areas and/or type of accreditation in order to further narrow a search for records that are specifically related to the selected criteria.

Selecting one or more filter criteria from the drop down menu opens additional search boxes with a drop down menu of options, each related to one of the selected filters. Multiple filters can be added by using the Ctrl (Control) key (i.e. by clicking on the relevant filter criteria while pressing the Ctrl key).

Training offered

6

<All>
Filter by thematic area
Filter by type of accreditation
Please use Control-key to select multiple values

Type of accreditation	<All>
Date of record	<All> - Bachelor's degree - Certificate of attendance - Certificate - Diploma - No certification or accreditation - Postgraduate certificate - Postgraduate degree - Postgraduate diploma
Keyword search	

Figure 75

Box 7 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).



Figure 76

Box 8 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

Figure 77

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

Figure 78

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the

records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

The screenshot shows a 'Search results' page with a yellow arrow pointing to the 'Sort records by' dropdown menu. The menu is open, showing 'Country' as the selected option. Other options include 'Record ID', 'Date of last update', 'Organization name', 'Start date', 'Title', and 'Type of record'. Below the dropdown, there are two search results listed:

- 16279 Argentina** Capacity Building Opportunity
Biosafety, screening and segregation of grains and seeds genetically modified, from those not modified
BCH-CP
- 10566 Argentina** Country Needs and Priorities
Secretaria de Ambiente y Desarrollo sustentable
BCH-CP

Navigation links at the top right include '< Previous | 1 2 | Next >' and 'Source'.

Figure 79

Example. A user wishes to identify which capacity building projects have been completed in African countries. The user selects (i) CBD Regional Groups - Africa in the **Geographical areas, country group** box and (ii) capacity building project in the **Capacity building categories** box and Filter by status in the **Project, Opportunity, Needs and Priorities** box. Selection of the filter opens a Status box, in which the user selects, completed. Activating the **Search Now** button presents the search results ordered alphabetically according to country. Information about each of these activities can be accessed by selecting the name of the project.

The screenshot shows the search interface with the following filters applied:

- Type of assistance: <All>
- Geographical areas:
 - Select a country: <Any>
 - Select country group (optional): Africa - African Union
- Capacity building categories: Capacity Building Project
- Project, Opportunities, Needs and Priorities: Filter by status
- Status: - Completed
- Training offered: <All>
- Date of record: <All>
- Keyword search: Enter keywords. Separate words with AND or OR.

At the bottom are 'Browse all records >' and 'Search Now >' buttons.

Figure 80

The screenshot shows a search results page with a list of records. At the top, there is a search bar and a dropdown menu to 'Sort records by Country'. Below this, a large yellow arrow graphic points from the left towards the right, with the text 'Source' at the top right and 'BCH-CP' at the bottom right.

ID	Record holder and type
38665	Burundi Capacity Building Project
220	Cameroon Capacity Building Project
5114	Kenya Capacity Building Project
228	Namibia Capacity Building Project
232	Uganda Capacity Building Project

Record information and status

Record ID: 38665
 Status: Published
 Date of creation: 2007-04-20 18:47 GMT (andrew.bowers@cbd.int)
 Date of last update: 2007-05-11 21:18 GMT (andrew.bowers@cbd.int)
 Owner: fofo.alphonse@yahoo.fr

This document is also available in the following languages: Eng

General information

Title of capacity-building activity
 Cadre National de Biosécurité

Relevant documents or links

FR	EN
Cadre national de biosécurité.doc	
FR	EN
Loi sur la biosécurité.doc	

Cont. ↓

Figure 81

2.7 Biosafety Information Resource Centre (BIRC)

URL: <http://bch.cbd.int/database/resources/>

Article 20 of the Protocol establishes the BCH to facilitate the exchange of information and experience with LMOs among Parties in order to assist them in implementing the Protocol. To help fulfill this role, the BCH contains information submitted by Parties, governments and organizations that is relevant to biosafety and implementation of the Protocol.

The **Biosafety Information Resource Centre** (BIRC) contains electronic catalogues of biosafety-related publications and information resources for policymakers, educators, researchers, and the general public. BIRC records may be registered by all BCH account-holders.

The search interface for the BIRC can be accessed from the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding Information** page, or from the link in the Biosafety Information Resource Centre text on the same page.

Figure 82

These links enable users to access electronic catalogues of biosafety-related publications and information resources as follows:

1. Graphic resource;
2. Guidance materials for risk assessment and risk management;
3. News services (including email listservs);
4. One-off publications (monographs)
5. Reports;
6. Series / periodical
7. Teaching materials (including manuals, toolkits and presentations)
8. Website, online reference or search tool

On the Search the Biosafety Information Resource Centre (BIRC) page there are six search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Search the Biosafety Information Resource Centre (BIRC)

On this page you can search for electronic catalogues of **biosafety-related publications and information resources** including: news services; e-mail listservers; online databases and search engines; reports and case studies; journals, newsletters and teaching materials (manuals, toolkits and presentations). Its objective is to increase the accessibility and utilization of available biosafety information and resources for policymakers, educators, researchers, and the general public. BIRC contributions are welcome from all BCH registered users.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

[Search Now »](#)

The screenshot shows a search form with the following fields and features:

- Publication year:** A dropdown menu with <All> selected. A yellow box labeled **1** points to the dropdown icon.
- Thematic area:** A dropdown menu with <All> selected. A yellow box labeled **2** points to the dropdown icon.
- Type of record:** A dropdown menu with <All> selected. A yellow box labeled **3** points to the dropdown icon.
- Language:** A dropdown menu with <All> selected. A yellow box labeled **4** points to the dropdown icon.
- Date of record:** A dropdown menu with <All> selected. A yellow box labeled **5** points to the dropdown icon.
- Keyword search:** A text input field with placeholder text "Enter keywords. Separate words with AND or OR." A yellow box labeled **6** points to the input field.

At the bottom are two buttons: [Browse all records »](#) and [Search Now »](#).

Figure 83

Box 1 [Publication year] lists options for the publication date of the article. It allows the user to choose the exact year of the publication(s) searched by only the year box. Time ranges can also be filtered by selecting either earlier or later than the year indicated in the year box.

The screenshot shows the "Publication year" dropdown expanded to reveal a list of years from 1999 to 2008. The dropdown menu has a yellow box labeled **1** pointing to its icon. The years listed are:

- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1999

Other filter fields are visible on the left: Thematic area, Type of record, Language, and Date of record, each with a dropdown menu set to <All>. At the top right is a [Search Now »](#) button.

Figure 84

Box 2 [Thematic area] lists the major thematic areas of the available publication and allows the user to narrow a search to one or more of these.



Figure 85

Box 3 [Type of record] lists the types of records stored in the BIRC. This allows the user to narrow the search to a specific source of information.

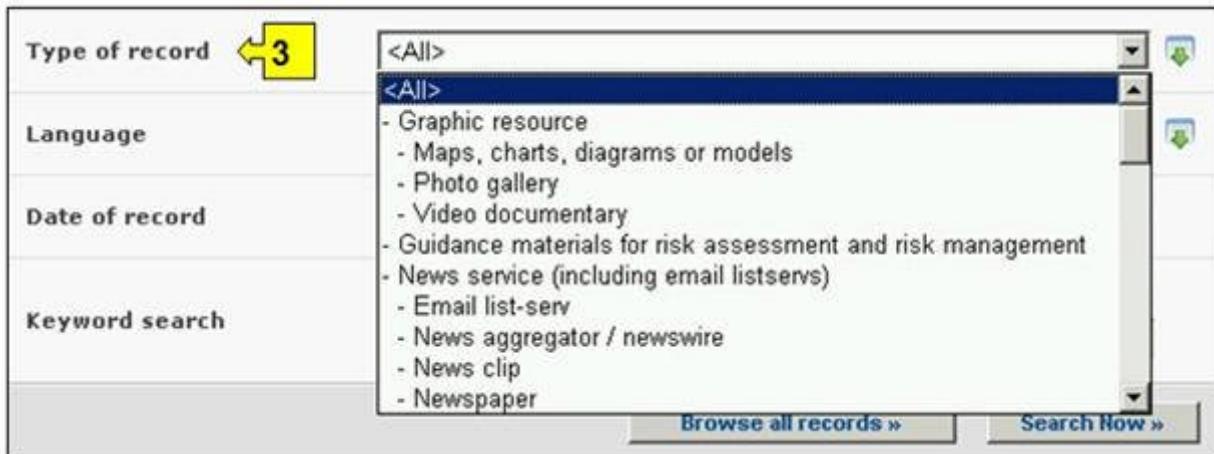


Figure 86

Box 4 [Language] allows a user to limit the search to documents in one or more languages.

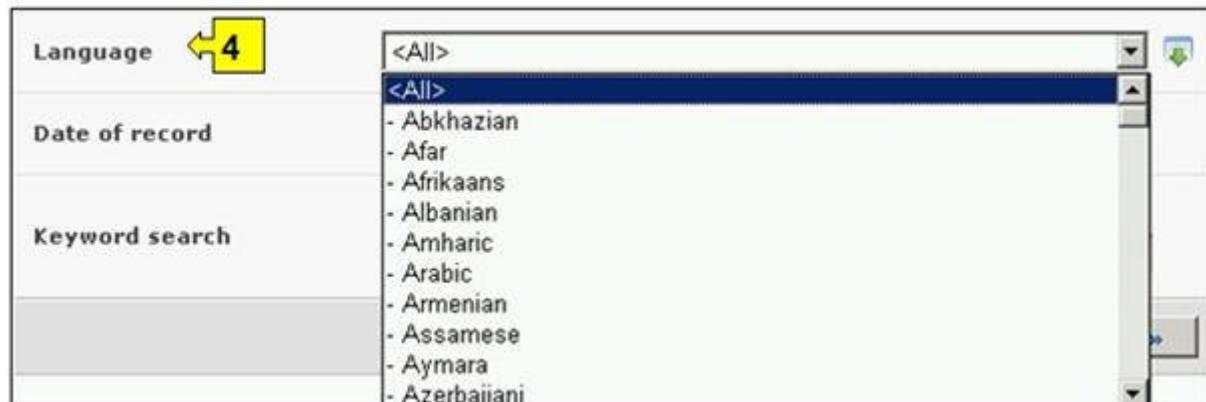


Figure 87

Box 5 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. 'last day', 'last month', 'last year', etc.).



Figure 88

Box 6 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

Figure 89

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

Figure 90

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

[Home](#) | [Finding Information](#) | Search results

Search results

Sort records by **Title**

< Previous | 1 2 | Next >

ID	Record holder and type	Source
41968	Biosafety Information Resource Centre	Agricultural biotechnology and food security: exploring the debate
41476	Biosafety Information Resource Centre	An Explanatory Guide to the Cartagena Protocol on Biosafety
41950	Biosafety Information Resource Centre	Biosafety Policy

36 record(s) found

Cont. ↓

Figure 91

Example: A user wishes to identify articles written recently about liability issues. The user selects (i) later than and 2006 in the publication year boxes and (ii) Liability and redress in the Thematic area box. Clicking on the **Search now** button, calls up the search results. The results are presented in alphabetical order based on the titles of the articles.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Publication year Later than **2006**

Thematic area - Liability and redress

Type of record <All>

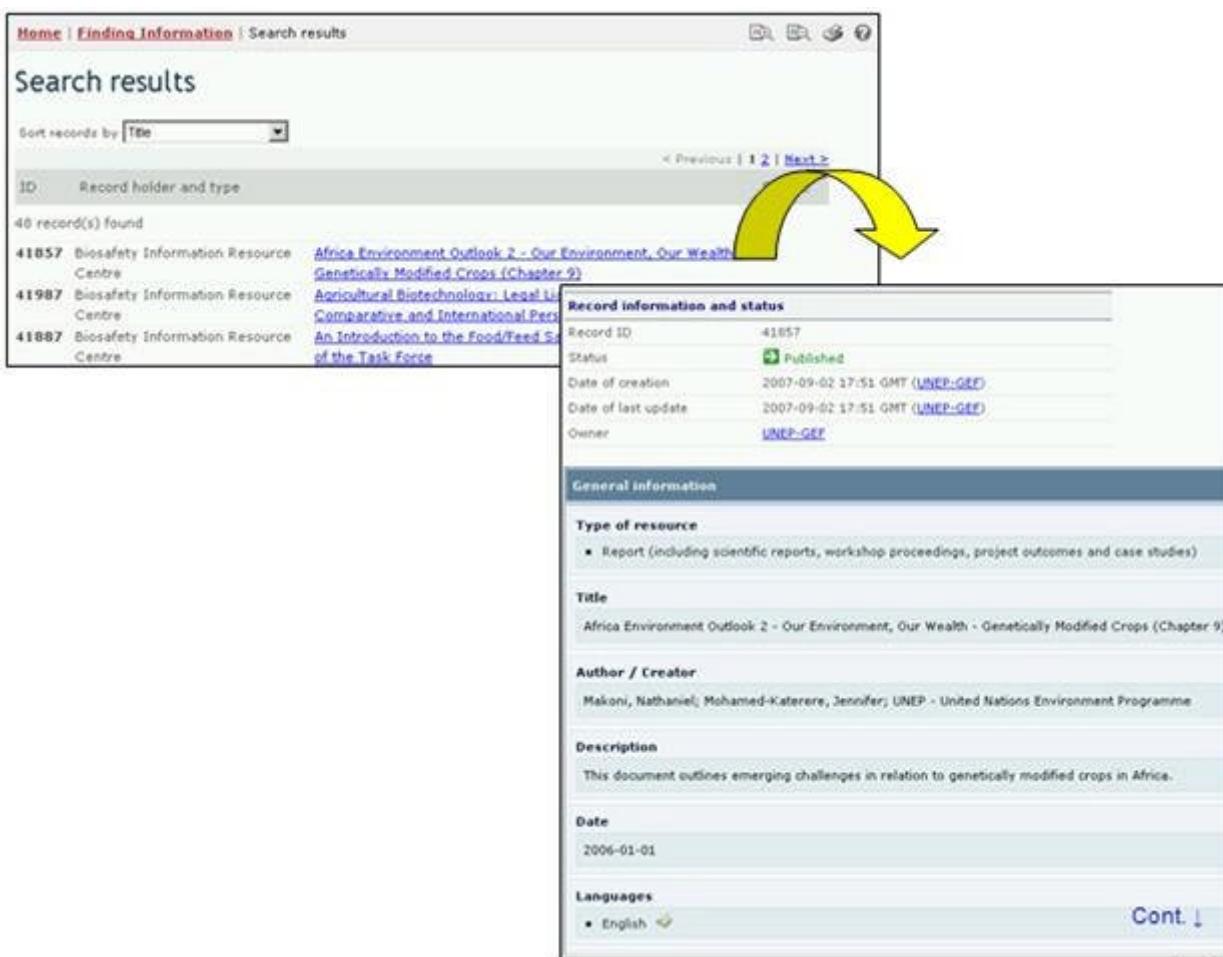
Language <All>

Date of record <All>

Keyword search Enter keywords. Separate words with AND or OR.

Browse all records » **Search Now »**

Figure 92



The screenshot shows the 'Search results' page of the BCH Central Portal. At the top, there are navigation links: Home, Finding Information, and Search results. A yellow circular arrow icon is overlaid on the page, centered above the search results table.

Search results

Sort records by: Title

ID Record holder and type

40 record(s) found

ID	Record holder and type	Title
41857	Biosafety Information Resource Centre	Africa Environment Outlook 2 - Our Environment, Our Wealth Genetically Modified Crops (Chapter 9)
41987	Biosafety Information Resource Centre	Agricultural Biotechnology: Legal Issues Comparative and International Perspectives An Introduction to the Food/Feed Safety of the Task Force
41887	Biosafety Information Resource Centre	

Record information and status

- Record ID: 41857
- Status: Published
- Date of creation: 2007-09-02 17:51 GMT (UNEP-GEF)
- Date of last update: 2007-09-02 17:51 GMT (UNEP-GEF)
- Owner: UNEP-GEF

General information

Type of resource:

- Report (including scientific reports, workshop proceedings, project outcomes and case studies)

Title:
Africa Environment Outlook 2 - Our Environment, Our Wealth - Genetically Modified Crops (Chapter 9)

Author / Creator:
Makoni, Nathaniel; Mohamed-Katerere, Jennifer; UNEP - United Nations Environment Programme

Description:
This document outlines emerging challenges in relation to genetically modified crops in Africa.

Date:
2006-01-01

Languages:

- English

[Cont. ↓](#)

Figure 93

2.8 Scientific Bibliographic Database

URL: <http://bch.cbd.int/database/bibliographic-references/>

Article 20 of the Protocol establishes the BCH in order to facilitate the exchange of information and experience with LMOs among parties, so as to assist them in implementing the Protocol. To help fulfill this role the BCH Central Portal contains information submitted by Parties, governments and organizations that is relevant to biosafety and implementation of the Protocol.

In addition to the Biosafety Information Resource Centre (BIRC), detailed in section 2.7 of this module, the BCH provides access to a bibliographic collection of scientific articles (full reference + abstract), published in national and international scientific periodicals from 1990 onwards, that are relevant to biosafety and risk assessment of biotechnology. The **Scientific Bibliographic Database** is hosted and managed by the International Centre for Genetic Engineering and Biotechnology (ICGEB) and has been made interoperable with the BCH.

The BCH search interface for publications in the Scientific Bibliographic Database can be accessed using the link in the **Finding Information** drop down menu on the navigation bar, or the link in the left hand menu of the **Finding Information** page or the link in the Scientific Bibliographic Database text on the same page.

The screenshot shows the 'Finding Information' section of the BCH Central Portal. On the left, there's a sidebar with links like 'National Contacts', 'Laws and Regulations', 'Country's Decisions and other Communications', 'LMOs, Genes or Organisms', 'Roster of Experts', 'Capacity-Building', 'Biosafety Information Resource Centre', and 'Scientific Bibliographic Database'. The main content area has several sections: 'FINDING INFORMATION', 'Laws', 'Country's Decisions and other Communications', 'Capacity Building', 'LMOs', and 'Biosafety Information Resource Centre'. The 'Scientific Bibliographic Database' link in the sidebar and its corresponding section in the main content area are both highlighted with a red oval.

Figure 94

On the **Search the Scientific Bibliographic Database on Biosafety** page there are ten search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Searches that identify more than 1000 records are truncated to the first 1000 records produced by the search.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Title	<input type="text"/>	1
Author(s)	<input type="text"/>	2
Publication year	<All> <input type="button" value="▼"/> <input type="button" value="▼"/>	3
Publisher	<input type="text"/>	4
Thematic area	<All>	5
Type of record	<All>	6
Language	<All>	7
ISSN	<input type="text"/>	8
Date of record	<All>	9
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text"/>	
Browse all records »		Search Now »

Figure 95

Box 1 [Title] provides an option for the user to type in the title of a publication. The user can also enter a word or words from the title using established search syntax with AND or OR between strings of words.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Title	1	<input type="text" value="Asia AND Market"/>
--------------	----------	--

Figure 96

Box 2 [Author(s)] allows the user to search for one or more specific author by inserting the last name(s) into this search box.

Author(s)	2	<input type="text" value="Sivasuparamaniam"/>
------------------	----------	---

Figure 97

Box 3 [Publication year] lists options for the publication date of the article. It allows the user to choose the exact year of the publication(s) searched (by only using the year box) or a time range defined as ‘earlier than’ or later than’ the year selected.

Publication year	3	Earlier than	2008
Publisher			2008 2007 2006 2005

Figure 98

Box 4 [Publisher] allows the user to search the database for articles according to the publisher’s name.

Publisher	4	Elsevier
-----------	---	----------

Figure 99

Box 5 [Thematic area] lists the major thematic areas of the available publication and allows the user to narrow a search to one or more of these.

Thematic area	5	<All> - Administrative framework - Compliance - Transboundary movement (import/export) - Transit and contained use - Biotechnology, trade and the environment - Capacity building and financial resources - Environmental, food and feed safety
---------------	---	--

Please use Control-key to select multiple values

Figure 100

Box 6 [Type of record] lists the types of records stored in this database. This allows the user to narrow the search to a specific source of information.

Type of record	6	<All> - Graphic resource - Maps, charts, diagrams or models - Photo gallery - Video documentary - Guidance materials for risk assessment and risk management - News service (including email listservs) - Email list-serv
----------------	---	--

Please use Control-key to select multiple values

Figure 101

Box 7 [Language] allows a user to limit the search to documents in one or more languages.



Figure 102

Box 8 [ISSN] allows the user to enter one or more International Standard Serial Numbers (ISSN), to locate a specific publication of interest. An ISSN is a unique eight-digit number used to identify a print or electronic periodical publication. The ISSN system was adopted as international standard ISO 3297 in 1975.



Figure 103

Box 9 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. ‘last day’, ‘last month’, ‘last year’, etc.).



Figure 104

Box 10 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

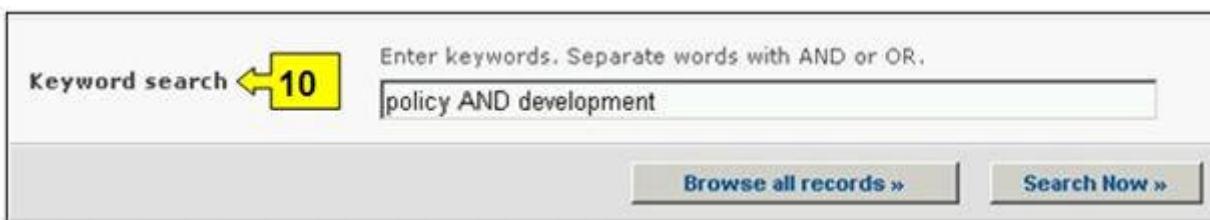


Figure 105

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and

bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

The screenshot shows a search interface with a 'Keyword search' section. It contains a text input field with the placeholder 'Enter keywords. Separate words with AND or OR.' and the query 'policy AND development'. Below the input field are two buttons: 'Browse all records >' and 'Search Now >'. The entire interface is enclosed in a light gray border.

Figure 106

Example: A user wishes to identify recent scientific articles on gene flow from crops. The user selects (i) later than 2006 in the publication year boxes and (ii) enters gene flow OR outcrossing in the Keyword search. The search results are presented in alphabetical order based on the titles of the articles.

The screenshot shows an advanced search interface with various filter fields. At the top, a note says 'Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.' To the right is a 'Search Now >' button. Below are fields for 'Title', 'Author(s)', 'Publication year' (set to 'Later than 2006'), 'Publisher', 'Thematic area' (dropdown), 'Type of record' (dropdown), 'Language' (dropdown), 'ISSN', 'Date of record' (dropdown), and 'Keyword search' (text input with placeholder 'Enter keywords. Separate words with AND or OR.' and the query 'gene flow or outcrossing')). At the bottom are 'Browse all records >' and 'Search Now >' buttons.

Figure 107

Search results

ID	Record holder and type
39 record(s) found	
40961	Scientific Bibliographic Database A flexible modelling framework linking the spatio-temporal dynamics of plant genotypes and populations: application to gene flow from transgenic forests.
43286	Scientific Bibliographic Database A multidisciplinary approach directed towards the commercial release of transgenic herbicide-tolerant rice in Costa Rica.
39773	Scientific Bibliographic Database A study of crop-to-crop gene flow using farm-scale observations of fodder maize (<i>Zea mays</i> L.).
42965	Scientific Bibliographic Database Air-mediated pollen flow between conventional and organic crops.
43601	Scientific Bibliographic Database Approaches to assessing gene flow risk.
39763	Scientific Bibliographic Database Containment of regulated field.

← Previous | 1 2 | Next →

Source



Record information and status

Record ID:	40961
Status:	Published
Date of creation:	2007-09-29 00:45 GMT (ICGEB-NODE)
Date of last update:	2009-01-25 21:03 GMT (ICGEB-NODE)
Owner:	ICGEB-NODE

General Information

Title
A flexible modelling framework linking the spatio-temporal dynamics of plant genotypes and populations: application to gene flow from transgenic forests.

Author / Creator
Kuparinen, A.; Schurr, F. M.

Date
2007

Rights
Department of Mathematics and Statistics, University of Helsinki, P.O. Box 68, 00014 University of Helsinki, Finland.

Source
Ecological Modelling vol. 202 (3/4) p.476-486

[Cont. ↓](#)

Figure 108

Assuming that the user finds a useful article by the author Lavigne, the search can be refined by adding this name to the **Author(s)** search box. This identifies more recent articles by the same author regarding this subject.

Title	<input type="text"/>
Author(s)	<input type="text"/> lavigne
Publication year	Later than <input type="text"/> 2006 <input type="button"/>
Publisher	<input type="text"/>
Thematic area	<All> <input type="button"/>
Type of record	<All> <input type="button"/>
Language	<All> <input type="button"/>
ISSN	<input type="text"/>
Date of record	<All> <input type="button"/>
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text"/> gene flow OR outcrossing
Browse all records » Search Now »	

Figure 109

Search results

ID Record holder and type
1 record(s) found
30983 Scientific Bibliographic Database [Modelling and estimating pollen movement in oilseed rape \(*Brassica napus*\) at the landscape scale using genetic markers.](#)



Record information and status

Record ID: 30983
 Status: Published
 Date of creation: 2007-05-03 00:32 GMT (ICGEB-NODE)
 Date of last update: 2008-01-25 20:58 GMT (ICGEB-NODE)
 Owner: ICGEB-NODE

General information

Title
*Modelling and estimating pollen movement in oilseed rape (*Brassica napus*) at the landscape scale using genetic markers.*

Author / Creator
 Devaux, C.; Lavigne, C.; Austerlitz, F.; Klein, E. K.

Date
 2007

Rights
 Laboratoire Ecologie, Systématique et Evolution, UMR CNRS-UPS-ENREF 8079, Bâtiment 360, Université Paris-Sud, F-91405 Orsay Cedex, France.

[Cont. 1](#)

Figure 110

2.9 Organizations

URL: <http://bch.cbd.int/database/organizations/>

The worldwide and multidisciplinary nature of the Protocol provides a wide stakeholder base for its implementation, extending beyond its Parties. Accordingly, the BCH maintains a database of organizations that are involved in biosafety-related issues.

A search interface for information about ***Organizations*** can be accessed from the **Finding Information** drop down menu on the navigation bar, or from the link in the left hand menu of the **Finding Information** page or from the link in the **Directory of International Organizations involved in Biosafety Activities** text on the same page.

Figure 111

The search interface on this page allows users to access information about organizations involved in biosafety and includes summaries of the activities of these organizations and their contact information.

On the **Search the Directory of Organizations involved in Biosafety Activities** page are seven search criteria boxes provided for refining searches in this database. Each of them has a drop down menu from which it is possible to select the required criteria. The default setting for each drop down menu is the first item at the top of the menu list. On the right side of each box, a button allows the user to activate multiple selections. Once in the multiple selection mode it is possible to add more criteria to the selection by clicking on the relevant criteria while pressing the Ctrl (Control) key.

Search the Directory of Organizations involved in Biosafety Activities

On this page you can access information about **international organizations** involved in activities relevant to implementation of the Biosafety Protocol with summaries of their activities and contact information.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Organization name Contact name Type of organization Geographical areas Date of record Keyword search	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 Select a country 4 <input type="text"/> 4 Select country group (optional) 5 <input type="text"/> 5 <Any> <Any> <input type="text"/> 6 Enter keywords. Separate words with AND or OR. <input type="text"/> 7	<input type="button" value="Search Now »"/>
		<input type="button" value="Browse all records »"/>

Figure 112

Box 1 [Organization name] provides an option for the user to search by the name of the organization.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Organization name	<input type="text"/> 1 REDBIO	<input type="button" value="Search Now »"/>
-------------------	-------------------------------	---

Figure 113

Box 2 [Contact name] allows the user to search for the last name of a specific contact person in the organization.

Contact name	<input type="text"/> 2 Webster
--------------	--------------------------------

Figure 114

Box 3 [Type of organization] allows the user to narrow the search to one or more categories of.



Figure 115

Box 4 [Select a country] lists all the country names in a drop down menu, so that users can select one or more specific countries for a search.



Figure 116

Box 5 [Select country group] lists country groups in a drop down menu so that users can select one or more specific groups of countries for a search. The country group list contains all major geographical or political groupings of countries and allows for narrowing the search to records submitted only by the members of the selected group or groups.



Figure 117

Box 6 [Date of record] allows the user to narrow the search according to the date records have been registered in the BCH. The drop down menu provides a number of options for limiting the search to only those records submitted within the selected interval of timeframe (e.g. 'last day', 'last month', 'last year', etc.).



Figure 118

Box 7 [Keyword search] provides an opportunity for using keywords to narrow the search. The user can use standard keyword syntax (combination of AND / OR operators) to search with multiple words or core parts of words (e.g. “Import OR Export”). A search that is made by using keywords only produces results of records containing exactly the searched text and not possible synonyms that have not been inserted (i.e. a search with the single keyword “Maize” will produce a list of records containing the word “Maize” but not the words “Corn” or “Zea mays”).

Figure 119

The search page offers three buttons to produce a record list. The **Search Now** button (both at the top and bottom of the search interface) allows the user to activate a search based on the search criteria selected in the search facility boxes. The search results are sorted alphabetically by default according to country name. The **Browse all records** (at the bottom of the search interface) allows the user to obtain a list of all records in this database.

Figure 120

The **Search Results** pages have a sorting facility above the list of records. This can be used to sort the records according to criteria specific for that category of information. Note that the sorting criteria change when the user selects different search criteria.

Search results		
ID	Record holder and type	Source
35 record(s) found		
15866	Organization	Groupe de recherche et d'échanges technologiques (GRET) NGO Non-Governmental Organization
15876	Organization	African Centre for Technology Studies (ACTS) IGO Inter-Governmental Organization
15987	Organization	Agriculture & Biotechnology Strategies (AGBOS) Industry
		Cont. ↓

Figure 121

Example: A user wishes to identify organizations that work with farmers and types farmer OR agriculture into the Keyword search box. The results indicate a number of organizations with links to farmers. To narrow the search to projects linked to the private sector, the user selects industry in the type of organization box.

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Organization name	<input type="text"/>	Search Now »
Contact name	<input type="text"/>	
Type of organization	<input type="text" value="<All>"/>	Select a country
Geographical areas	<input type="text" value="<Any>"/>	Select country group (optional)
Date of record	<input type="text" value="<All>"/>	
Keyword search	Enter keywords. Separate words with AND or OR. <input type="text" value="farmer* OR agriculture"/>	
	Browse all records »	Search Now »

Search results		
ID	Record holder and type	Source
35 record(s) found		
15866	Organization	Groupe de recherche et d'échanges technologiques (GRET) NGO Non-Governmental Organization
15876	Organization	African Centre for Technology Studies (ACTS) IGO Inter-Governmental Organization
15987	Organization	Agriculture & Biotechnology Strategies (AGBOS) Industry
		Cont. ↓

Figure 122

Choose fields as needed to narrow search results. If no category is selected to narrow the search for a particular field, a default value of "all" will be used.

Organization name

Contact name

Type of organization  

Geographical areas

Select a country  

Select country group (optional)  

Date of record 

Keyword search Enter keywords. Separate words with AND or OR.
 

Browse all records » **Search Now »**

Search results

Sort records by 

< Previous | 1 | Next >

ID	Record holder and type	Source
15987	Organization Agriculture & Biotechnology Strategies (AGB105) Industry BIOTECanada	
15999	Organization Industry	

Figure 123

3 Compiled Information

URL: <http://bch.cbd.int/database/>

The Compiled lists of information are maintained and regularly updated by the BCH for the following categories of data: National Contacts, LMOs-UIDs, Organisms and Genes. This information is provided in a format that is easily accessible, either on the screen or in a PDF file.

Access to the compiled lists of information is provided from the link in the **Finding Information** drop down menu on the navigation bar or from the link in the left hand menu of the **Finding Information** page.

The screenshot shows the 'Finding Information' section of the BCH Central Portal. The left sidebar has a green background and contains links for National Contacts, Laws and Regulations, Country's Decisions and other Communications, LMOs, Genes or Organisms, Roster of Experts, Capacity-Building, Biosafety Information Resource Centre, Scientific Bibliographic Database, and Organizations. The 'Compiled Information' link is highlighted with a green oval. The main content area has a white background and displays four sections: 'National Contacts', 'Laws and Regulations', 'Country's Decisions and other Communications', and 'LMOs'. Each section includes a brief description and a 'Follow this link to search for:' list. The 'LMOs' section ends with a 'Cont. ↓' link.

Figure 124

3.1 National Contacts

URL: <http://bch.cbd.int/database/contacts/focalpoints.shtml>

Access to the compiled lists of national contacts can be obtained using the **National Contacts** link in the left hand menu of the Finding Information page or in the Finding Information drop down menu on the navigation bar of the BCH Central Portal.

These links take users to the **National Contacts & Competent Authorities** page, which provides links to complied lists of:

1. Cartagena Protocol National Focal Points;
2. Biosafety Clearing-House National Focal Points;
3. Emergency Measures Contact Points (Article 17); and
4. Competent National Authorities

[Home](#) | [Finding Information](#) | National Contacts & Competent Authorities

National Contacts & Competent Authorities

Cartagena Protocol National Focal Points

National Focal Points (NFPs) are responsible for managing communication between the Secretariat and respective governments. Under [Article 19 of the Cartagena Protocol](#), each Party must designate one national focal point to be responsible on its behalf for liaison with the Secretariat.

Biosafety Clearing-House (BCH) National Focal Points

BCH National Focal points are responsible for coordinating with the CBD Secretariat regarding the development and implementation of the BCH. Under [Decision BS-1/3 \(Annex D\)](#) National focal points (or, where appropriate, Institutional Focal Points) for the Biosafety Clearing-house shall be nominated to liaise with the Secretariat regarding issues of relevance to the development and implementation of the Biosafety Clearing-House, whose functions shall include the following roles and responsibilities:

Emergency Measures Contact Points (Article 17)

The Protocol requires Parties to provide a point of contact for receiving notifications under [Article 17 of the Cartagena Protocol](#) pertaining to unintentional transboundary movements and emergency measures.

Competent National Authorities

Competent National Authorities, designated under [Article 18 of the Cartagena Protocol](#), are responsible for performing the administrative functions required by the Protocol.

All designated Competent National Authorities (CNAs) are registered in the Biosafety Clearing-House. Each CNA entry contains contact information and a brief description of the functions of the organization.

[Download all Competent National Authorities in PDF format...](#)

[Cont. 1](#)

Albania 

1. Ministry of Agriculture and Food

Regulatory functions
All functions pursuant to the Cartagena Protocol on Biosafety
 Sheshi Skenderbej, Nr. 2 Tel: +355 4 232 79
 Tirana Fax: +355 4 227 92
 Albania

2. Ministry of Environment, Forestry and Water Adminis

Regulatory functions
All functions pursuant to the Cartagena Protocol on Biosafety
Handling, transport, packaging and identification
Intentional introduction into the environment (AIA)
LMOs for use as food or feed or for processing
Pharmaceuticals
Public awareness and participation
Transboundary movement (import/export)
Transit and contained use
Contained use

[Cont. 1](#)

Figure 125

3.2 LMOs, Genes and Organisms Registries

URL: <http://bch.cbd.int/database/organisms/uniqueidentifiers/default.shtml>

URL: <http://bch.cbd.int/database/organisms/organismslist.shtml>

URL: <http://bch.cbd.int/database/organisms/genes/default.shtml>

The use of these registries is discussed in section 2.4

4 Search using Record ID

URL: <http://bch.cbd.int/database/>

The BCH Central Portal provides a quick search facility which allows users to search for specific records by the official ID number that the record has been registered under through the BCH. The **Go to record ID** search box is located on all pages of the **Finding Information** section at the bottom of the left hand menu.

Users wishing to access a specific record can enter the record number there and press **Go** to be taken directly to the record.



Figure 126

Example: A user looking for Record ID 300 will enter 300 in the **Go to record ID** search box and then press **Go**.

Finding information from the BCH Central Portal

The screenshot shows a web interface for the BCH Central Portal. At the top, there's a navigation bar with links for Home, The BCH, The Convention, and The Scientific Information System. Below this is a sidebar with sections for 'Finding Information' (National Contacts, Laws and Regulations, Country's Decisions and other Communications, LMOs, Genes or Organisms, Roster of Experts, Capacity-Building, Biosafety Information Resource Centre, Scientific Bibliographic Database, Organizations) and 'Compiled Information' (National Contacts, LMOs-IDs Registry, Organisms Registry, Gene Registry). A search bar at the bottom of the sidebar includes a 'Go' button and a 'Go to record ID' input field containing '300'. To the right of the sidebar, a large yellow arrow points from the search bar towards the main content area. The main content area has a header 'Law, Regulation or Guideline' with a blue document icon. Below this is a section titled 'Record information and status' containing the following data:

Record ID	300
Status	Published
Date of creation	2003-03-14 22:58 GMT (Liina.Eek-Pursoo@ekm.envir.ee)
Date of last update	2005-05-06 22:54 GMT (hardo.lillevali@envir.ee/1595)
Owner	hardo.lillevali@envir.ee/1595

Below this is a section titled 'General information' with a dark blue header. It contains two tables: 'Country' and 'Jurisdiction'. The 'Country' table shows 'Estonia' with a small flag icon. The 'Jurisdiction' table also shows 'Estonia' with a small flag icon and a link 'Cont. 1'.

Figure 127