



Technical and Scientific Cooperation and the CHM. *History, CBD Decisions, timeframe*

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Section 1. Framework of the CBD's Technical and Scientific Cooperation processes and mechanisms



I/ CBD's Technical and Cooperation Key definitions



What is Technical and Scientific Cooperation ?

The **Technical and Scientific Cooperation (TSC) Portfolio** under the Convention on Biological Diversity aims to encourage and facilitate action to enhance the implementation of Articles 16, 17 and 18, as well as related provisions of the Convention and its Protocols, through a coordinated and integrated approach.

The objective is to enable Parties to pursue their individual or collective biodiversity-related goals through matchmaking, cooperative exchange of knowledge and expertise, as well as by improving access to available data, resources and technologies.

Through a number of bespoke programmes, the CBD Secretariat:

- **Catalyzes cooperation** through **matchmaking**
- **Nurtures partnerships** by leveraging a series of **round tables and expert dialogues**
- **Facilitates access to innovative solutions** to address biodiversity-related challenges through the organization of **knowledge fairs**
- **Promotes the use of gaming tools**
- **Tests out new ideas** for transformative change through **technology transfer**

The CBD Secretariat also helps to support and accelerate the work of the **Consortium of Scientific Partners on Biodiversity** and its broader member organizations to contribute to the successful implementation of the **Kunming-Montreal Global Biodiversity Framework** and the package of **related decisions**, in particular **decision 15/8** on capacity-building and development and technical and scientific cooperation.

As a reminder

**Article 16
technology
transfer**

**Article 17
exchange of
informations**

**Article 18
technical and
scientific
cooperation**

[Technical and
Scientific Cooperation
\(cbd.int\)](https://www.cbd.int/technical)

I/ CBD's Technical and Cooperation Key definitions



What is Technical and Scientific Cooperation ?

Article 18. Technical and Scientific Cooperation

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

Strengthening capabilities

Establishing a CHM

Training of personnel and exchange of experts

Joint research programme and development of technologies



What is Technical and Scientific cooperation ?

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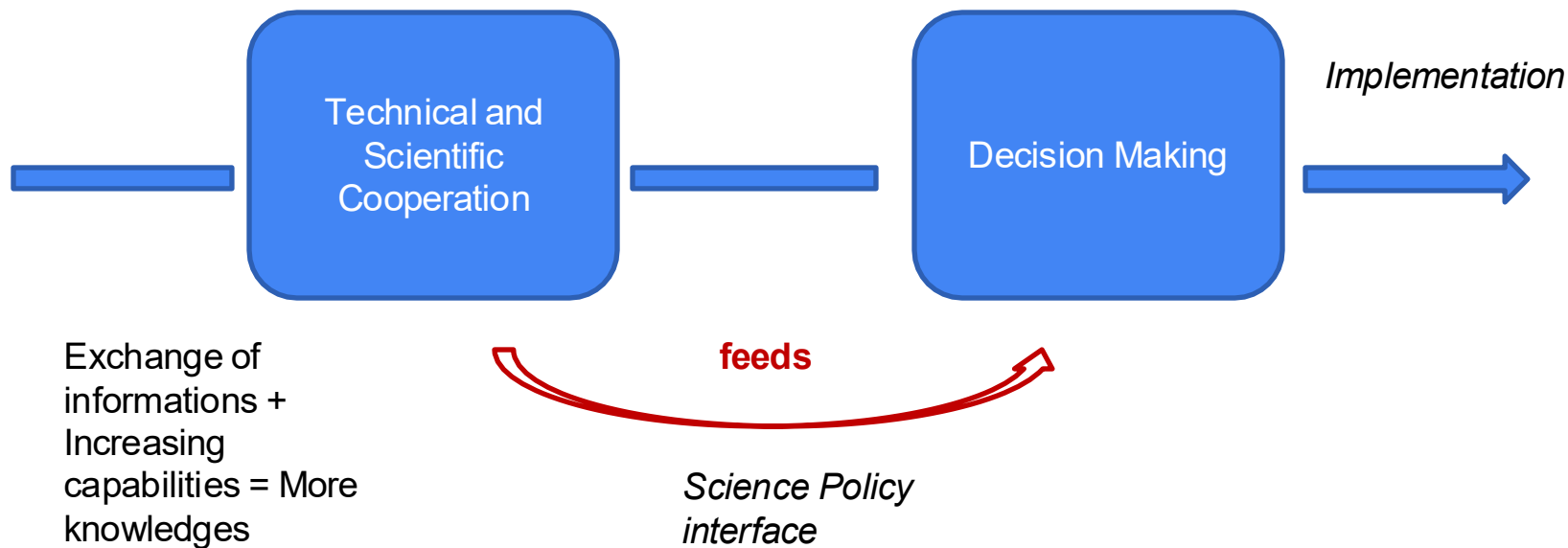
[Technical and Scientific Cooperation \(cbd.int\)](https://cbd.int)

**Capacity building/
exchange of
informations**

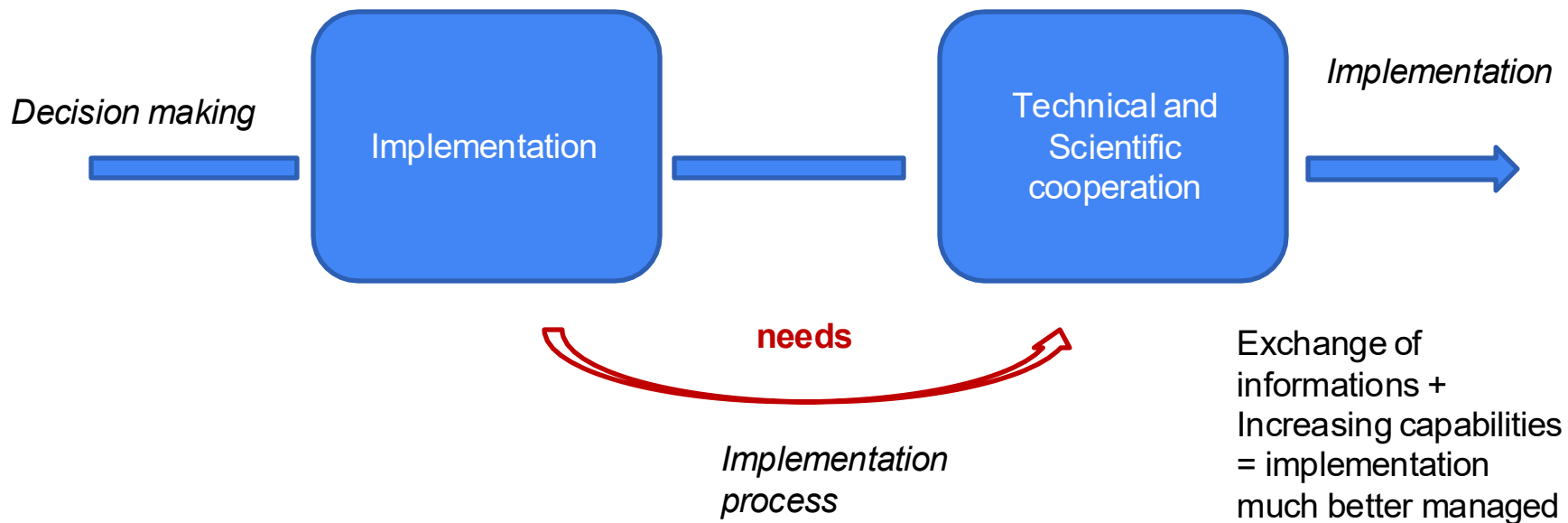
**Exchange of
informations/
promotion**

**Transfer of
technology**

What the role of TSC in the CBD process ?



What the role of TSC in the CBD process ?



Section 2. The Clearing House Mechanism and its link with TSC processes and mechanisms



I/ CBD's decisions on the CHM



Reminder

Article 18

“3. The Conference of the Parties, at its first meeting, shall determine **how to establish a clearing-house mechanism to promote and facilitate technical and scientific cooperationn.**”

I/ CBD's decisions on the CHM



Decision I/3 Clearing-House Mechanism and scientific cooperation

DECISION ADOPTED BY THE CONFERENCE OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY AT ITS FIRST MEETING

**The CHM is the
central tool of the
TSC**

I/3. Clearing-house mechanism for technical and scientific cooperation

The Conference of the Parties,

1. *Decides* to implement the provisions of Article 18, paragraph 3, of the Convention on the establishment of a clearing-house mechanism to promote and facilitate technical and scientific cooperation, operating under the authority of the Conference of the Parties;

2. *Decides* also that the activities of the clearing-house mechanism to promote and facilitate technical and scientific cooperation should be funded from the regular budget of the Secretariat as well as from voluntary contributions, subject to decisions to be taken by the Conference of the Parties at its second meeting, in the light of the study referred to in paragraph 3 of the present decision;

3. *Requests* the Secretariat to prepare, and report back to the Conference of the Parties at its second meeting on, a comprehensive study, according to Article 18 of the Convention, containing concrete costed recommendations to assist the Conference of the Parties in the establishment of the clearing-house mechanism to promote and facilitate technical and scientific cooperation, taking fully into account the views expressed at its first meeting and submitted to the Secretariat in writing before the end of February 1995, as well as the need to draw on all relevant existing institutional structures;

4. *Decides* also to include an item on this issue on the agenda of the second meeting of the Conference of the Parties.

I/ CBD's decisions on the CHM



Decision II/3

Clearing-house
Mechanism



Launch of a pilot
phase

Decision III/4

Clearing-House
mechanism to promote
and facilitate technical
and scientific
cooperation



The CHM started to be
implemented, first
assessment of the pilot
phase, and question of the
need to focus it **on the
Convention
implementation**

Decision IV/2

Review of the operations of
the clearing-house
mechanism



Call for
regional/national
CHM
implementation

Decision V/14

Scientific and technical
cooperation and the
clearing-house
mechanism (Article 18)



Strategic plan of the CHM
becomes a component of the
Strategic Plan of the
Convention + CHM IAC
Implemented

I/ CBD's decisions on the CHM



Requests the Executive Secretary to commission a review to assess **the current and potential role of the clearing-house mechanism in promoting technical and scientific cooperation, including its role in facilitating the transfer of technology** and know-how and capacity-building to support implementation of the Convention at the national level

Decision VI/18

Scientific and technical cooperation and the clearing-house mechanism

Decision VII/23

Scientific and technical cooperation and the clearing-house mechanism (Article 18, paragraph 3)

Decision VIII/11

Scientific and technical cooperation and the clearing-house mechanism

Decision IX/30

Scientific and technical cooperation and the clearing-house mechanism

Calls for NFP nominations +
Development of regional portal toolkits

Adoption of the CHM strategic plan +
Programme of Work 2005-2010

Encourages the development of capacity building tools for the implementation of the National CHM

I/ CBD's decisions on the CHM

Not TSC and
CHM but KM
and the CHM

Decision X/15

Scientific and technical cooperation and the clearing-house mechanism

Decision XII/2

Review of progress in providing support in implementing the objectives of the Convention and the Strategic Plan for Biodiversity 2011-2020, and enhancement of capacity-building, technical and scientific cooperation and other initiatives to assist implementation

Decision XIII/23

Capacity-building, technical and scientific cooperation, technology transfer and the clearing-house mechanism

Decision XV/16

Knowledge management and the clearing-house mechanism

Adopts missions, goals and objectives for the CHM 2011-2020

Contents needs to be linked with GSPB, interoperability within national CHMs, and other tools like Informea is requested

Mention of an updated web strategy prepared by the Secretariat

Further development of bioland tool + further guidance to NFPs

I/ CBD's decisions on the CHM

Decision XVI/9 Clearing House Mechanism and knowledge management



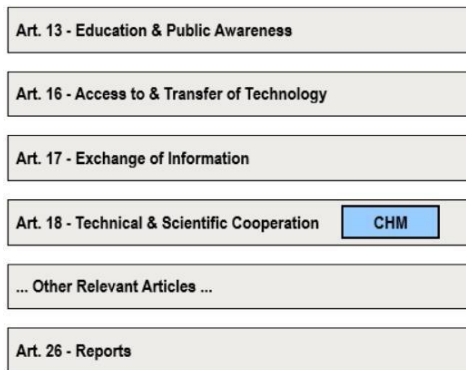
New programme of work for the CHM



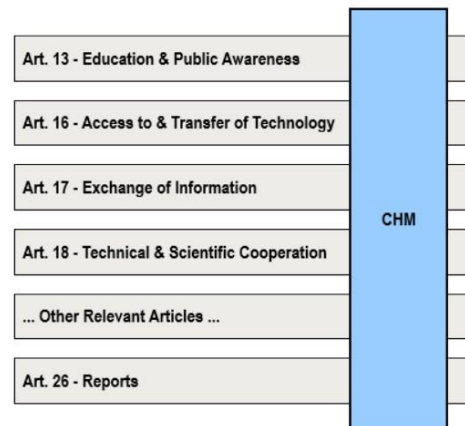
II/ The CHM in the CBD's TSC framework



Initial CHM Mandate



Expected CHM Mandate



CHM is crossing different type of activities

Olivier De Munck (former CBD CHM Officer), capacity building materials
Available at [Guidance \(cbd.int\)](https://www.cbd.int/guidance)

II/ The CHM in the CBD's TSC framework

Decision VIII/11

CHM strategic plan + Programme of Work 2005-2010

Goal 1: The clearing-house mechanism is promoting and facilitating technical and scientific cooperation.

1.1. The clearing-house mechanism contributes to the implementation of the Convention and particularly the achievement of the 2010 target.

1.2. The clearing-house mechanism facilitates the transfer of technology and technology cooperation.

1.3. The clearing-house mechanism facilitates cooperation among the three Rio conventions and other environmental agreements, organizations and initiatives.

Goal 2: The clearing-house mechanism is promoting and facilitating the exchange of information among Parties, other Governments and stakeholders.

2.1. The clearing-house mechanism makes information related to the Convention and Convention processes available via electronic and traditional means.

2.2. In collaboration with other relevant initiatives, organizations and partners, the clearing-house mechanism facilitates the access to and repatriation of information on biodiversity.

2.3. The clearing-house mechanism assists Parties and other Governments and relevant organizations in making data and information available in support of activities related to the implementation of the Convention and the achievement of the 2010 target.

2.4. The clearing-house mechanism contributes to the future technical development of the Biosafety Clearing-House established under paragraph 1 of Article 20 of the Cartagena Protocol on Biosafety.

2.5. Parties have established effective mechanisms for facilitating the exchange of information, including as appropriate clearing-house mechanism websites which adhere to common formats, protocols and standards, including metadata standards, as recommended by the clearing-house mechanism.

Goal 3: The clearing-house mechanism is fully operational with participation of all Parties and an expanded network of partners

3.1. All Parties have established and are further developing clearing-house mechanisms.

3.2. Relevant partners participate in an expanded clearing-house mechanism network.

3.3. Parties have established and use effective mechanisms for facilitating scientific and technical cooperation, including thematic networks where appropriate in support of the implementation the Convention and the achievement of the 2010 target.

3.4. The clearing-house mechanism contributes to the development of the global communication, education and public awareness network.



II/ The CHM in the CBD's TSC framework



Decision X/15

Missions, goals
and objectives
for the CHM
2011-2020

MISSION

To contribute significantly to the implementation of the Convention on Biological Diversity and its Strategic Plan for Biodiversity 2011-2020, through effective information services and other appropriate means in order to promote and facilitate scientific and technical cooperation, knowledge sharing, and information exchange, and to establish a fully operational network of Parties and partners.

GOALS AND OBJECTIVES

Goal 1: The central clearing-house mechanism provides effective global information services to facilitate the implementation of the Strategic Plan for Biodiversity 2011-2020.

- 1.1. The CBD Secretariat has the capacity to sustain an effective central clearing-house mechanism.
- 1.2. A high-quality CBD website is available in all United Nations languages.
- 1.3. Effective information exchange services are fully operational.
- 1.4. The CBD Secretariat facilitates the development of a network of experts and practitioners among Parties and partners.
- 1.5. Guidance is available for Parties and partners to exchange information through the clearing-house mechanism network.

Goal 2: National clearing-house mechanisms provide effective information services to facilitate the implementation of the national biodiversity strategies and action plans.

- 2.1. All Parties have the capacity to sustain effective national clearing-house mechanisms.
- 2.2. High-quality national clearing-house mechanism websites are available.
- 2.3. National information is exchanged through the clearing-house mechanism network.
- 2.4. Parties collaborate and share knowledge through the clearing-house mechanism network.
- 2.5. Partners and the CBD Secretariat have contributed to the development of national clearing-house mechanisms.

Goal 3: Partners significantly expand the clearing-house mechanism network and services.

- 3.1. Partners can sustain their participation in the clearing-house mechanism.
- 3.2. High-quality regional and thematic clearing-house mechanism websites are available.
- 3.3. Partner information is exchanged through the clearing-house mechanism network.
- 3.4. Partners collaborate and share knowledge through the clearing-house mechanism network.

II/ The CHM in the CBD's TSC framework



Decision XVI/9

New PoW for
the CHM 2024-
2030

2. The goals of the programme of work for the clearing-house mechanism for the period 2024-2030 are the following:

(a) *Goal 1: to promote and facilitate technical and scientific cooperation.* The clearing-house mechanism will strengthen processes and services to promote and facilitate equitable technical and scientific cooperation, including matchmaking initiatives, and the development and strengthening of national capacities, in line with the long-term strategic framework for capacity-building and development and in support of the work of the technical and scientific cooperation mechanism;

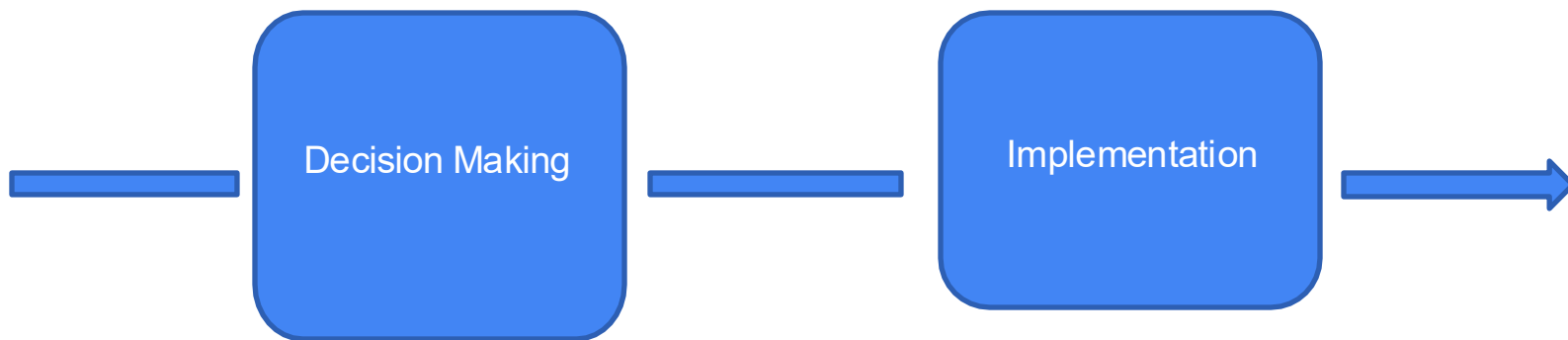
(b) *Goal 2: to facilitate the exchange of information.* The clearing-house mechanism will enable sustained and structured access to and exchange of data, information and knowledge through the central portal of the clearing-house mechanism and across global, regional, subregional, national and thematic information networks and the clearing houses, in line with the knowledge management strategy to support the implementation of the Framework;

(c) *Goal 3: to support planning, monitoring, reporting and review.* The clearing-house mechanism will provide tools and strengthen processes and the national clearing-house mechanisms to support and facilitate the implementation of national biodiversity strategies and action plans and the enhanced approach to planning, monitoring, reporting and review;

(d) *Goal 4: to facilitate networking and collaboration among Parties and partners.* The clearing-house mechanism will facilitate cross-sectoral interactions, networking, the sharing of expertise and exchanges among Parties, partner organizations, indigenous peoples and local

What the role of TSC in the CBD process ?

CHM



- Exchange of information**
- connecting stakeholders**
- capacity building
(matchmaking)**
- monitoring and reporting**



III/ the role and the environment of a national NFP



Implementation

The implementation activities of the Clearing-House Mechanism has been guided by the Conference of the Parties.

The Clearing House Mechanism consists of the following components:

- The CBD website, acting as the central node.
- The network of national Clearing-House Mechanisms.
- Various partner institutions.

In fact, the CHM is the Central Website (comprising the BioBridge Initiative Platform, the ORT...) , the national websites, the national focal point...

Thank you !

Pierre Spielewoy

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