



Convention on  
Biological Diversity

**UNBIODIVERSITY  
CONFERENCE**

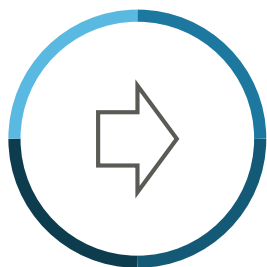
Investing in biodiversity for people and planet



**COP 14 - CP/MOP9 - NP/MOP3**  
Sharm El Sheikh, Egypt, 2018

## **MEETING OF THE INFORMAL ADVISORY COMMITTEE TO THE CLEARING-HOUSE MECHANISM**

*Montreal, Canada 17-19 June 2019*



## **Technical and Scientific Cooperation in Support of the Post-2020 Global Biodiversity Framework**

# Technical and Scientific Cooperation under the Convention

## Article 12

- Cooperation in the use of scientific advances in biological diversity research in developing methods

## Article 16

- Access to and transfer of technology

## Article 17

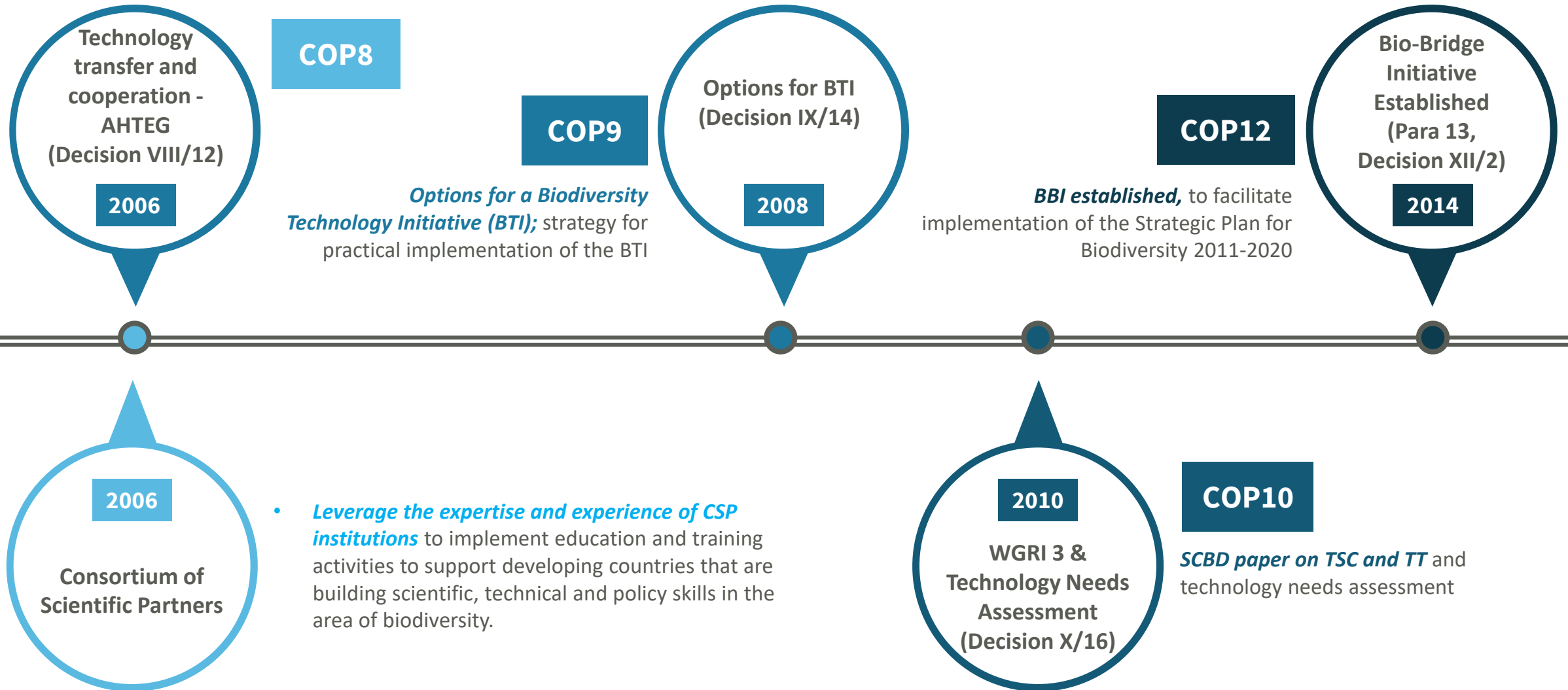
- Exchange of information including results of technical, scientific, and socio-economic research and relevant technologies

## Convention on Biological Diversity

## Article 18

- International cooperation
- Strengthening national capabilities
- Development and use of technologies, incl. indigenous and traditional technologies
- Cooperation on personnel training and exchange of experts
- Joint research programmes and joint ventures for development of technologies
- CHM to facilitate TSC

# Developments since 2006



# Technical and Scientific Cooperation Initiatives

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## Programme of Work on Technology Transfer and Technological and Scientific Cooperation

Decision VII/29 (2004 - ?)

## Programme of Work of the Clearing-House Mechanism

Decision XI/2 (2012 - 2020)

### Global Taxonomy Initiative (GTI)

Decision IV/1 (1998 – ongoing)

### Biodiversity Technology Initiative

Decisions IX/14 and X/16 (2010 - ?)

### Bio-Bridge Initiative (BBI)

Decision XII/2B (2014 – 2020)

### Forest Ecosystem Restoration Initiative (FERI)

Decision XII/19 (2015 – 2020)

# Lessons Learned

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Consistent demand for TSC

Significance of South-South and triangular cooperation

Need for a strong mandate and substantial investment

Need more programmatic and multi-stakeholder approaches

Importance of a project-based approach and value of innovative solutions

# Challenges and Limitations

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Long lists of unprioritized needs

Low rate of successful matchmaking: few partnerships established

Limited dedicated resources for TSC

Lack of permanent staff to facilitate TSC

Limited examples of successful technology transfer

# Preliminary Views and Suggestions from Parties and Organizations

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Establishment or strengthening of regional networks

Identification and strengthening of regional centres of excellence

Promotion of technologies fit for purpose

Promotion of indigenous technologies

Allocation of adequate dedicated funding for TSC

## Mandate by the Conference of the Parties

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### **Decision 14/24 B, para. 5**

Consider establishing [...] an informal advisory committee on technical and scientific cooperation, to be operational at the end of the mandate of the current Informal Advisory Committee to the Clearing-house Mechanism

### **Decision 14/24 B, para. 9**

Prepare proposals to review and renew technical and scientific cooperation programmes [...] in order to support the development of the Post-2020 Global Biodiversity Framework



# Way Forward 1/4

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## Technical and Scientific Cooperation Strategy to Support the Implementation of the Post-2020 Global Biodiversity Framework

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### Goal

- Respond to biodiversity-related needs as expressed by Parties

### Objectives

- Developing and strengthening national capacities of Parties (Art. 18)
- Facilitating access to and transfer of technology (Art. 16)
- Facilitating access to and exchange of relevant information (Art. 17)

### Guiding Principles

- Demand-driven
- Flexible and integrated approach
- Interdisciplinary network of technical and scientific partners
- Focus on innovative and nature-based solutions
- Adequate funding

# Way Forward 2/4

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## Technical and Scientific Cooperation Strategy to Support the Implementation of the Post-2020 Global Biodiversity Framework

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### Key Functional Areas

- Development and access to technical expertise and know-how
- Development and diffusion of technologies, incl. indigenous and traditional
- Promotion of innovative technologies, tools, and approaches
- Facilitation of exchange of knowledge related to TSC

### Strategies

- Advisory services through a “help desk”
- Matchmaking services connecting Parties to expertise, know-how, or joint research
- Technology development, transfer, diffusion, and cooperation
- Promotion of innovative technologies and solutions
- Dissemination of relevant tools and information

# Way Forward 3/4

## Technical and Scientific Cooperation Strategy to Support the Implementation of the Post-2020 Global Biodiversity Framework

### Advisory Body

- Recommend policies and programme priorities
- Recommend actions to promote and address barriers to TSC
- Seek and facilitate collaboration on TSC
- Catalyze the development and use of road maps or action plans

### Operational Entity

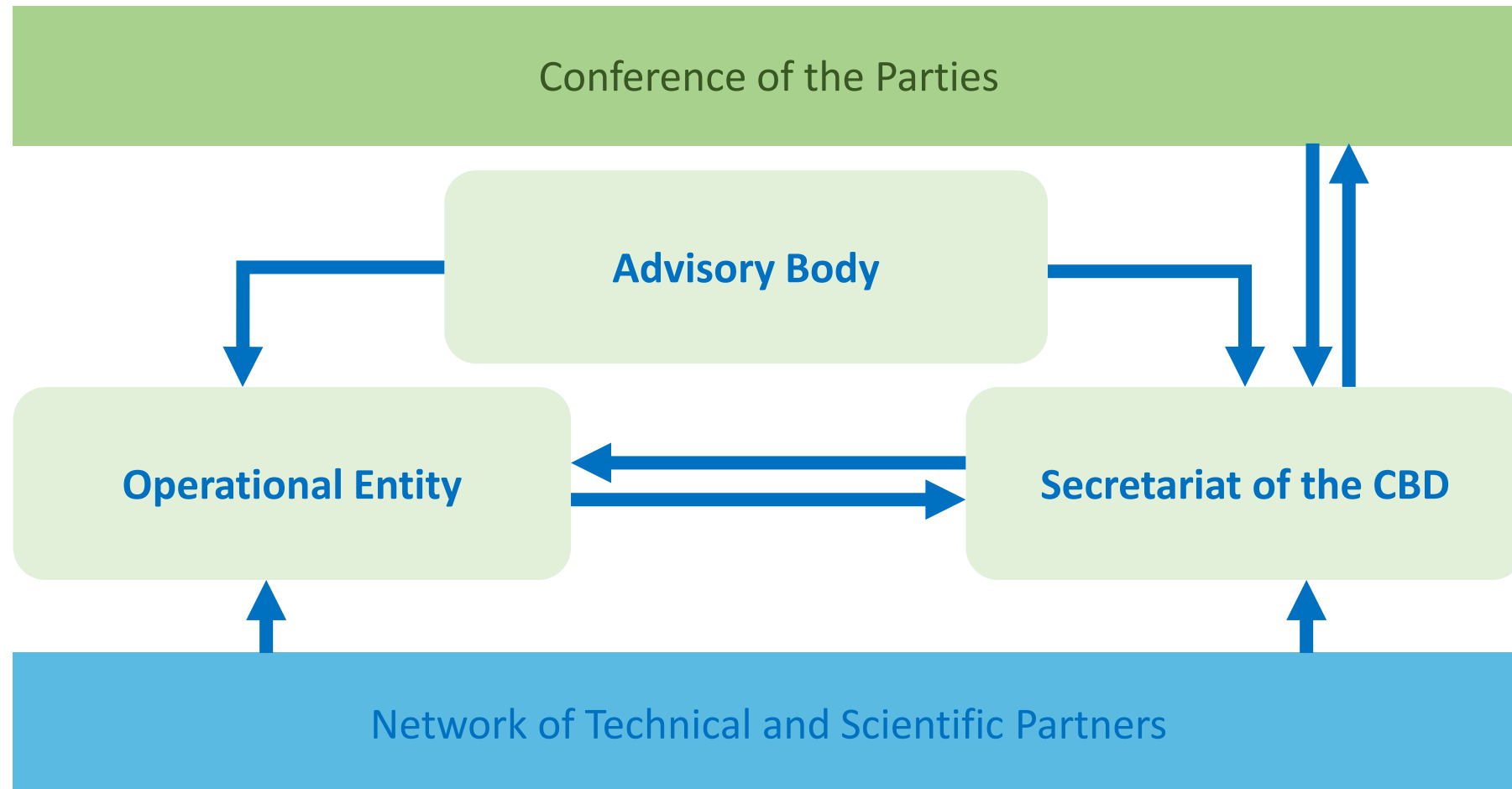
- Provide advice to Parties related to their TSC needs
- Work with a network of partners to mobilize institutional knowledge and technical expertise
- Facilitate matchmaking between Parties and partners
- Promote cooperative research
- Facilitate partnerships to develop innovative technologies
- Contribute to knowledge sharing

### Secretariat of the CBD

- Manage a knowledge-sharing hub through the CHM
- Facilitate meetings and round tables on TSC, incl. science forums, knowledge fairs or expos to promote technologies and innovative solutions
- Facilitate the Consortium of Scientific Partners' work
- Prepare documents and reports to COP, SBI, SBSTTA

# Way Forward 4/4

## Technical and Scientific Cooperation Strategy to Support the Implementation of the Post-2020 Global Biodiversity Framework



**Thank you**