



**Convention on
Biological Diversity**



DRAFT PROPOSALS TO STRENGTHEN TECHNICAL AND SCIENTIFIC COOPERATION IN SUPPORT OF THE POST-2020 GLOBAL BIODIVERSITY FRAMEWORK

**Thematic Consultation on Capacity-Building and Technical and
Scientific Cooperation for the Post-2020 Global Biodiversity Framework**

**Rome, Italy
1-2 March 2020**

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

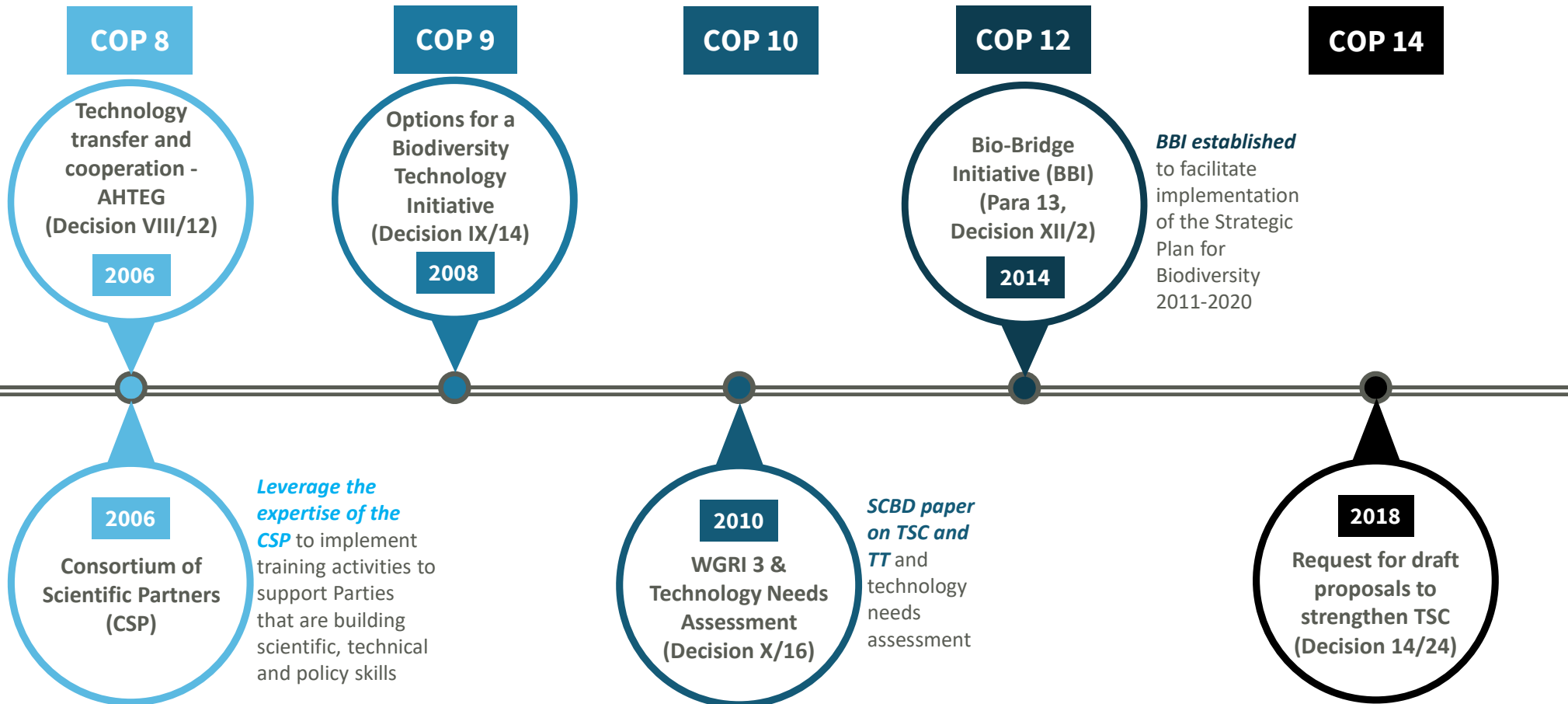
Exchange of information incl. results of technical, scientific, and socio-economic research and relevant technologies

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 cooperation

Developments Since 2006



Current Technical and Scientific Cooperation Initiatives

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

Consistent demand for technical and scientific cooperation

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 programmatic approach

Value of innovative solutions

Challenges and Limitations

Long lists of unprioritized needs

Low rate of successful matchmaking: few partnerships established

Limited dedicated resources for technical and scientific cooperation

Lack of permanent staff to facilitate technical and scientific cooperation

Limited examples of successful technology transfer

Mandate by the Conference of the Parties

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

Preliminary Views and Suggestions from Parties and Organizations

Establishment or strengthening of regional networks and communities of practice

Identification and strengthening of regional centres of excellence

Importance of technology assessment, horizon scanning and monitoring

Promotion of technologies fit for purpose

Promotion of indigenous technologies

Allocation of adequate dedicated funding for TSC

Importance of interdisciplinary perspectives and approaches

Draft Proposals for Technical and Scientific Cooperation

Goal

- Promote and facilitate collaboration and cooperation among Parties and relevant organizations to effectively utilize science, technology and innovation

Objectives

- Developing and strengthening capacities of Parties (*Art. 18*)
- Facilitating the development, assessment, access and use of technology (*Art. 16*)
- Facilitating access to and exchange of relevant information (*Art. 17*)

Guiding Principles

- Demand-driven
- Flexibility
- Efficiency
- Efficacy
- Tailored approach
- Programmatic approach
- Partnership and collaboration
- Mutual respect
- Respect for regulatory requirements
- Continuous education and development
- Participation
- Precaution
- Free prior and informed consent
- Liability and redress

Draft Proposals for Technical and Scientific Cooperation

Main Focal Areas

- Science
- Technology
- Innovation

Options for Activities and Pathways

- “Help desk” support services
- Matchmaking services (connecting Parties with specific needs to available expertise, know-how, or opportunities)
- Network development and partnership-building
- Capacity-building in areas related to technical and scientific cooperation
- Facilitation of research and development
- Identification and promotion of exemplary cooperation initiatives

Options for Institutional Modalities

Option A

Global TSC Support Centre

- Autonomous entity hosted and managed by a designated institution
- Operating under the authority of COP and guidance of an IAG
- Provision of help desk and matchmaking services
- Working with partners to cover all areas of expertise

Option B

Regional and/or Thematic TSC Support Centres

- Network of autonomous institutions
- Operating under the authority of COP and guidance of an IAG
- Management of requests within more limited scope (geographical or thematic)
- Coordination among centres to cover all areas of expertise

Option C

TSC Support through SCBD-run Programmes (*status quo*)

- Secretariat coordinates individual programmes – BBI, GTI, FERI, SOI, etc.
- Operating under the guidance of various committees
- Working with partners and donors

Option A: Global TSC Support Centre (1 of 2)

Informal Advisory Group

Provide advice on:

- Strategic approaches and programme priorities
- Collaboration with relevant stakeholders
- Monitoring and evaluation of TSC strategies
- Opportunities for mobilizing technical and financial resources

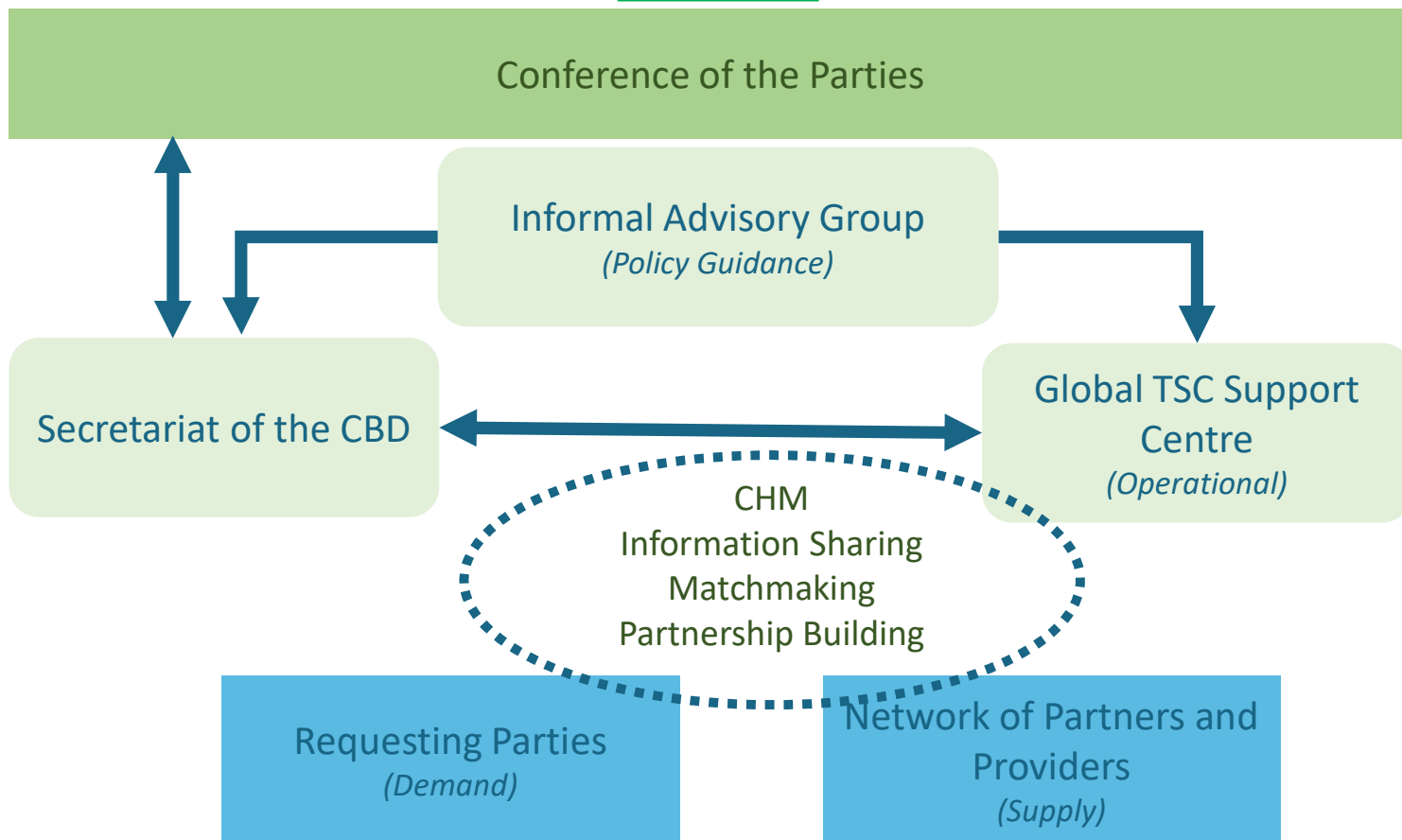
Operational Entity

- Operate a “one-stop shop” help desk
- Mobilize technical expertise through a network of partners
- Facilitate matchmaking between Parties and partners
- Facilitate establishment of partnerships Contribute to knowledge-sharing
- Report to the COP via the SCBD

Secretariat of the CBD

- Prepare documents and reports to COP, SBI, SBSTTA
- Organize meetings on TSC, e.g. science forums and technology expos
- Manage a knowledge-sharing hub through CHM
- Facilitate the Consortium of Scientific Partners on Biodiversity

Option A: Global TSC Support Centre (2 of 2)



Option B: Regional and/or Thematic TSC Support Centres (1 of 2)

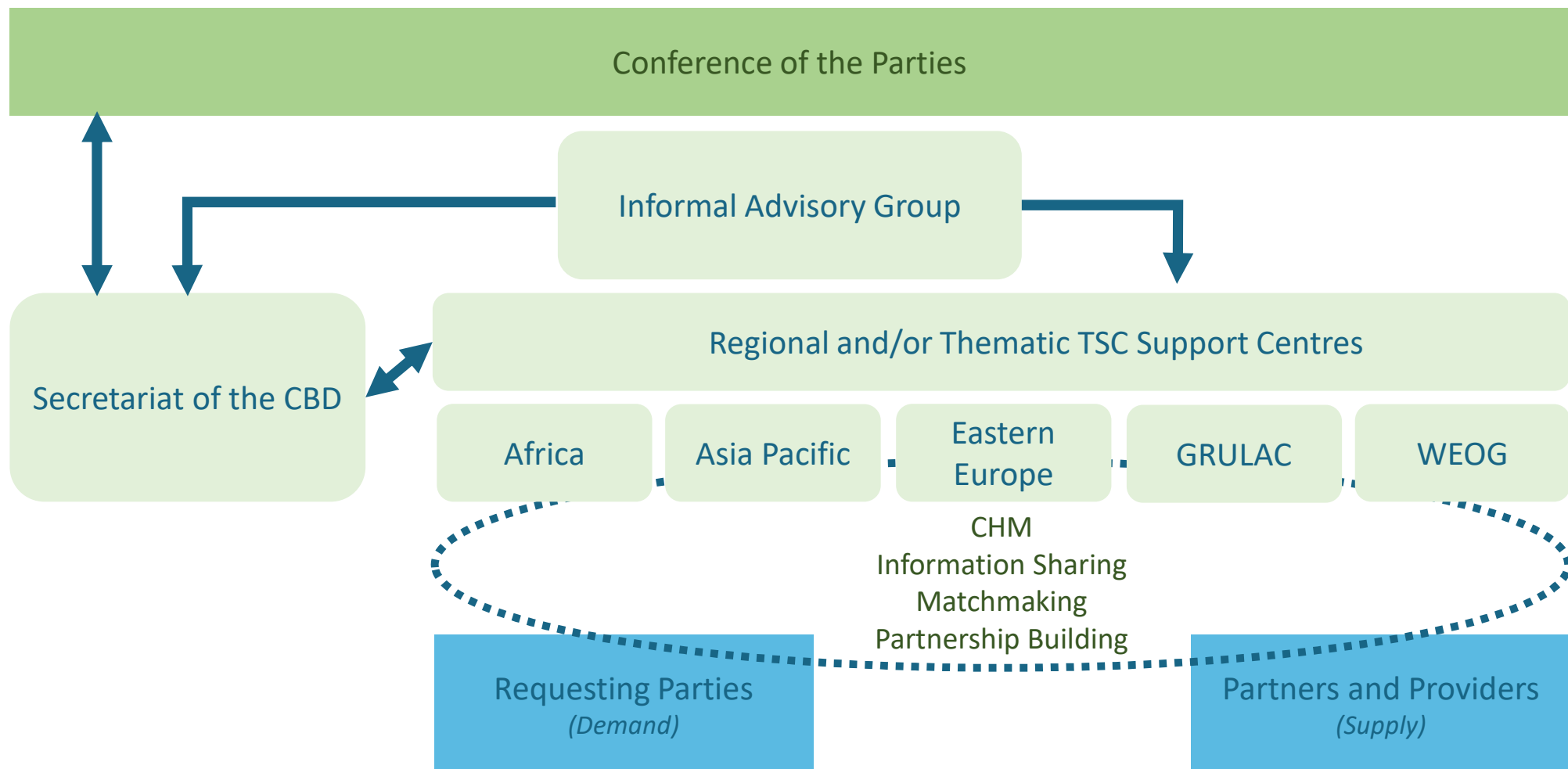
Network of Centres

- Provide advice related to Parties' TSC needs in specific geographic/ thematic areas
- Mobilize technical expertise through a network of partners
- Facilitate matchmaking between Parties and partners
- Facilitate establishment of partnerships Contribute to knowledge-sharing
- Report to the COP via the SCBD

Secretariat of the CBD

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

Option B: Regional and/or Thematic TSC Support Centres (2 of 2)



Option C: TSC Support through SCBD-run Programmes

Secretariat of the CBD

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

Individual TSC Programmes

- Work within specific mandates and timelines
- Report to COP via the SCBD and to respective donors
- Contribute to knowledge-sharing

Thank you