

Technology development and transfer under the UNFCCC: the role of the Technology Mechanism

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Development and transfer of technologies under the UNFCCC

- Agenda 21, Ch.34 (UNCED Rio, 1992)
- Key milestones under the Convention
 - Article 4.5 and 4.1(c) of the UNFCCC
 - The framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention (technology transfer framework) established by the Marrakesh Accords (COP7, 2001)
 - Technology: building block of Bali Action Plan for long-term cooperative action to address climate change (COP13, 2007)
 - Technology Mechanism established by the Cancun Agreements (COP16, 2010)

More at: <http://unfccc.int/ttclear/jsp/Background.jsp>



Mandates on technology in Bali Action Plan (decision 1/CP.13)

1. (d). Enhanced action on technology development and transfer to support action on mitigation and adaptation, including, inter alia, consideration of:
 - i. Effective mechanisms and enhanced means for the removal of obstacles to, and provision of financial and other incentives for, scaling up of the development and transfer of technology to developing country Parties in order to promote access to affordable environmentally sound technologies;
 - ii. Ways to accelerate deployment, diffusion and transfer of affordable environmentally sound technologies;
 - iii. Cooperation on research and development of current, new and innovative technology, including win-win solutions;
 - iv. The effectiveness of mechanisms and tools for technology cooperation in specific sectors;
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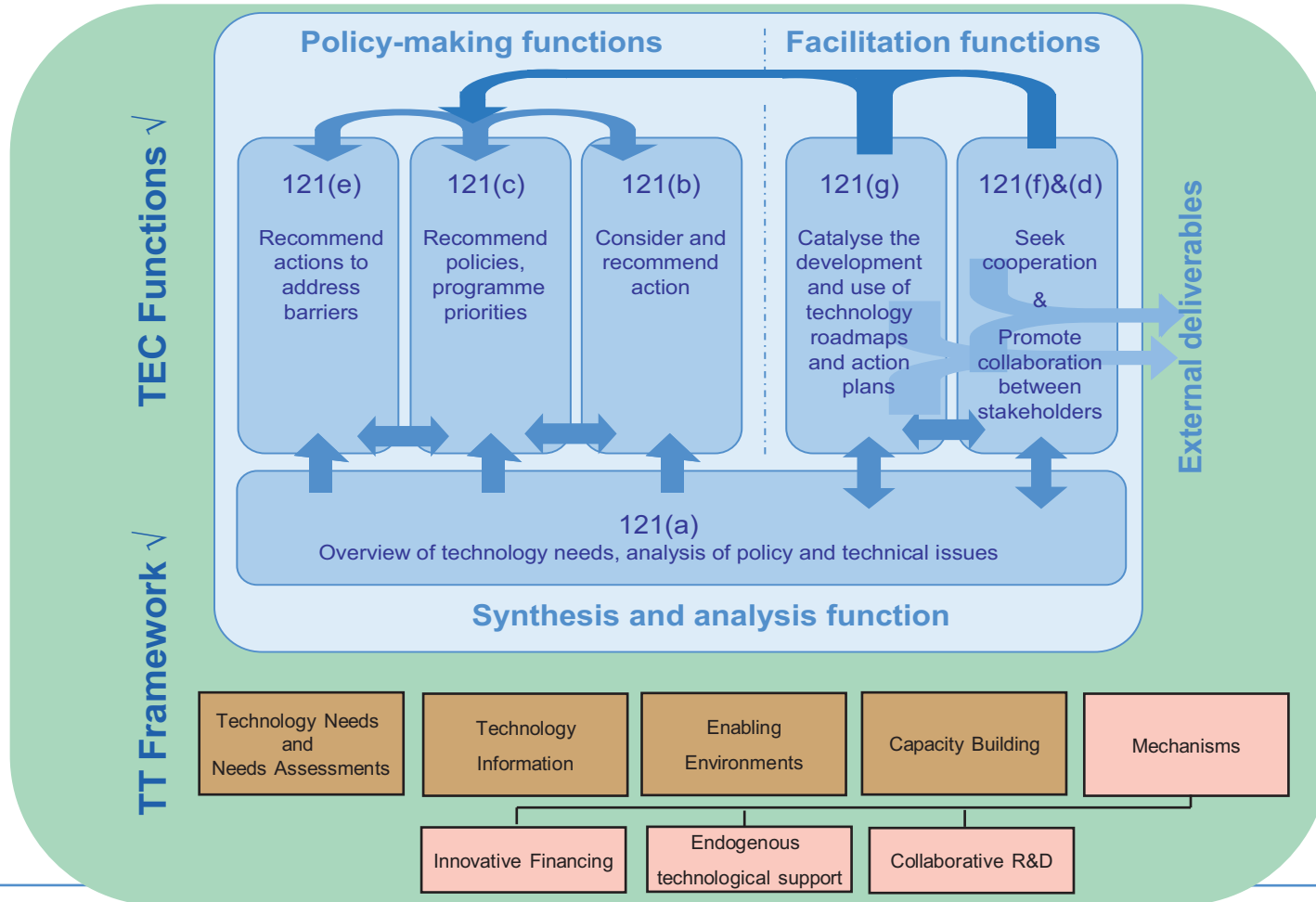


Technology Mechanism established in Cancun (decision 1/CP.16)

- Decides to establish a Technology Mechanism to [...], under the guidance of and accountable to the COP, which will consist of the following components:
 - A Technology Executive Committee,
 - A Climate Technology Centre and Network
- Further decides that the TEC shall further implement technology transfer framework.
- Further work on:
 - Relationship between the TEC and the CTCN
 - The governing structure and the ToRs of the CTCN
 - Procedures and criteria to select the host of the CTCN
 - Potential links between the TM and financial mechanism
 - Additional functions of the TEC and the CTCN



Technology Executive Committee: Functions



Technology Executive Committee: Modalities (decision 4/CP.17)

- Analysis and synthesis
 - *Technical papers, analysis, etc.*
- Policy recommendations
 - *Recommendations to the COP*
- Facilitation and catalysing
 - *Forum, inventory, development of technology roadmap*
- Linkage with other institutions
 - *Cross participation, mutual inputs*
- Engagement of stakeholders
 - *working group, adviser/observer to the meeting, call for inputs*
- Information and knowledge sharing
 - *An new technology information platform*



Technology Executive Committee: Rules of procedure (decision 4/CP.17)

- Composition
 - 9 from Annex I Parties
 - 3 members from each of the three regions of non-Annex I Parties, namely Africa, Asia and the Pacific, and Latin America and the Caribbean; 1 member from a SIDS; and 1 member from a LDC
- Chair and Vice Chair shall collaborate in chairing the meetings of the TEC
- The TEC will meet as least twice per year
- The TEC meeting is open to attendance by Parties and accredited observer organizations
- The TEC may invite expert advisers and establish panels/working groups
- Mr. Gabriel Blanco (Argentina) elected as Chair and Mr. Antonio Pflueger (Germany) as Vice-Chair of the TEC for 2012

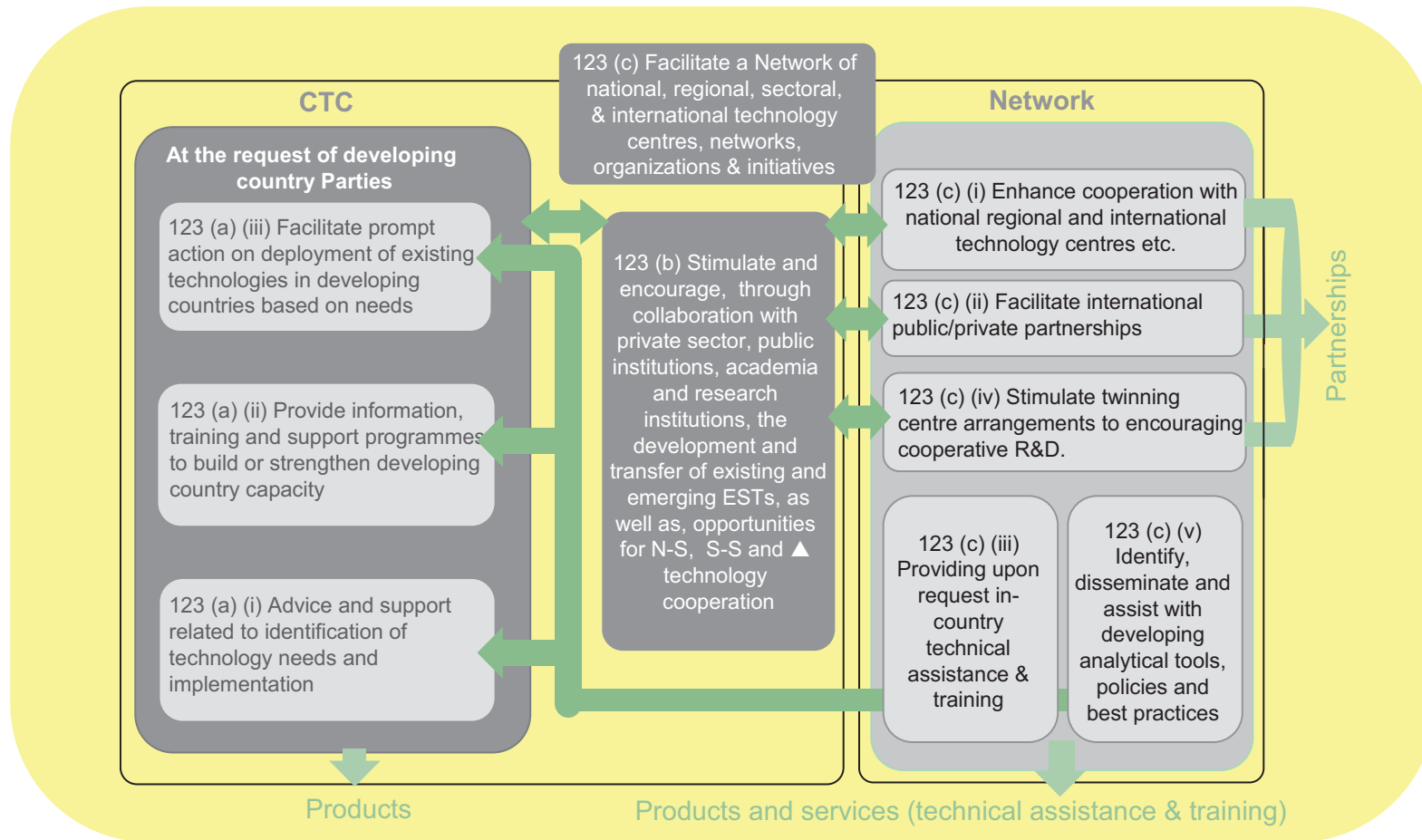


Technology Executive Committee: Rolling work plan

- The rolling workplan for 2012-2013 is contained in [FCCC/SB/2012/1](#)
- Key activities include:
 - Organizing thematic dialogue on outstanding issues
 - Preparing inventory of technology roadmaps and conducting review of the existing roadmaps
 - Developing a new technology information platform
 - Preparing annual report with possible policy recommendations
 - Identifying outstanding issues and preparing technical papers on these issue if needed
- Next TEC meeting will be held 6-8 September in Bangkok



Climate Technology Centre and Network: Functions



Climate Technology Centre and Network: Terms of reference

- Adopted in Durban by decision 2/CP.17

Roles and responsibilities

- The Centre shall manage the process of receiving and responding to requests. These requests will be received through the national entity designated for this purpose under decision 4/CP.13.
- The Centre will:
 - Receive and assess requests and refine and prioritize those requests;
 - Respond to requests, through either the Centre or the Network.
- The members of the Network will undertake the substantive work to address requests.

Climate Technology Centre and Network: Governance structure

- The function of the CTCN advisory board:
 - Provide guidance on the report of the CTCN, prioritization criteria.
 - Approve the report of the CTCN, prioritization criteria for responding to requests, criteria regarding the structure of the Network and the designation of organizations as members of the Network, the programme of work.
 - Endorse the appointment of the director; the budget; the financial statement;
 - Ensure fiduciary standards, and legal and ethical integrity;
 - Monitor, assess and evaluate the responses to the requests.
- The director of the CTCN shall be the secretary of the advisory board.
- The host organization to provide the administrative support.
- The constitution of the advisory board is under consideration by the SBI.



Climate Technology Centre and Network: Term of agreement and review

- The initial term of agreement to host the CTCN will be for **five years**, with two **four-year renewal periods**, if so decided by the COP.
- The secretariat, shall commission an independent review of the effective implementation of the CTCN **four years after its inception**.
- The CTCN shall operate for initial terms until **2026**, at which time the Conference of the Parties will **review its functions** and decide whether to extend its term.

Climate Technology Centre and Network: Funding arrangement

- Decides that the costs associated with the Centre and the mobilization of the services of the Network should be funded **from various sources**, including the financial mechanism of the Convention, bilateral, multilateral and private sector channels, philanthropic sources as well as financial and in-kind contributions from the host organization and participants in the Network;
- Requests the **Global Environment Facility** to support the operationalization and activities of the CTCN without prejudging any selection of the host;
- Invites **Parties in a position to do so** to support the Climate Technology Centre and Network through the provision of financial and other resources;



Climate Technology Centre and Network: Selection of the host

- COP adopted the selection criteria in Durban and launched the process
- Call for proposals issued by the secretariat on 16 Jan. 2012
- 9 proposals received by 16 March 2012
- Proposals were assessed by the evaluation panel consisting of six TEC members
- 3 passed all the minimum thresholds and are included in the shortlist:
 - UNEP led consortium ranked first
 - the Global Environment Facility ranked second
 - Det Norske Veritas AS ranked third
- The SBI 36 considered the outcome and agreed on a ranked shortlist
- The secretariat initiated the discussion of the key elements of the host agreement with UNEP as requested by the COP
- The SBI 37 will consider the outcome of the discussion and recommend the host of the CTC for approval by the COP in Doha.



Expectation for Doha

- COP/SBs - fully operational TM
 - Consider recommendations by the TEC and possible further guidance to the TEC
 - Approve the CTC host and host agreement
 - Decide constitution of the advisory board of the CTCN
- AWGLCA – success closure
 - Clarity on the additional functions proposed by some Parties
 - Clarity on the links between the financial mechanism and TM
 - Clarity on relation between the TEC and the CTCN
 - Reconcile IPRs issue
- ADP

