

Article 7 (*TECHNOLOGY DEVELOPMENT AND TRANSFER*)

1. All Parties, in accordance with the principles and provisions of the convention, in particular Article 4, paragraphs 1,3,5 and 7, and Article 11, noting the importance of meeting the technology requirements to support the implementation of mitigation and adaptation efforts under this Agreement and recognizing existing deployment and dissemination efforts, [shall][should][other] strengthen cooperative action to promote and enhance technology development and transfer, improve enabling environments for and address barriers to the dissemination and uptake of technology, and foster cooperative approaches to research and development.
2. [The CMA shall, at its first session, consider and adopt a technology framework in accordance with the guidelines contained in decision 1/CP.21. Such a technology framework would be intended to provide direction and overarching guidance to the work of the existing institutions in the medium and long term and to strengthen them.]  

The Technology Framework shall provide direction and overarching guidance in respect of technology assessments, identifying those with potential for high impact, and identifying options for enhancing access, and addressing barriers to their deployment. The framework shall further guide the work of Technology [Mechanism][institutions] [under this agreement] in the medium to long term, and to strengthen them.
3. The Technology Mechanism [, including the Technology Executive Committee and the Climate Technology Centre and Network,] shall serve this Agreement.  

The Technology Mechanism shall serve this Agreement.
4. [Developing country Parties are eligible for support in the implementation of this Article.]  

[In accordance with Articles 4.3 and 4.5 of the Convention,] developed Country Parties, Annex II Parties shall provide support, including financial support, for strengthening cooperative action the implementation of the technology framework through the technology mechanism. The availability of these funds shall include through the Financial Mechanism.

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Decision Text (*TECHNOLOGY DEVELOPMENT AND TRANSFER*)

During ADP 2-10, Parties agreed to have as a minimum Part II, paragraphs 34, 35 and 38, and some aspects of the Framework in the decision text.

48. Decides to strengthen the technology needs assessment (TNA) process taking into account existing efforts, including under the Poznan strategic programme on technology transfer, by enhancing:
  - (a) The implementation of the results of the TNA process through, inter alia, technology action plans and project proposals;
  - (b) The alignment of TNAs more closely with bankable finance projects and improving TNAs to result in implementable projects
  - (c) The synergy between the TNA process and other arrangements related to the implementation of mitigation and adaption actions, as appropriate;

(Part II, para 34 of ADP 2-10 co-chair's tool)

49. *[Requests the Technology Executive Committee (TEC) to elaborate the means of strengthening the TNA process referred to in paragraph 48 above taking into account ongoing work relating to this matter, for consideration and adoption by the COP at its twenty-third session;]*
50. ~~*Encourages*~~ *[Parties][Developed country Parties][Parties included in annex X] to shall* take steps to improve enabling environments and address barriers for technology development and transfer by:
- (a) Establishing and strengthening policy frameworks, institutions and capacity to build country ownership and innovation;
  - (b) Leveraging and attracting private sector investments and promoting access to public sector technology;
  - (c) Strengthening the development and enhancement of endogenous capacities and technologies;

*[Developed country Parties][Parties included in annex X] [shall][should][other] undertake steps to address barriers to accessing technology [and know-how] and to:*

- (a) *Establish and strengthen their necessary policy frameworks in order to facilitate the removal of barriers and enable and accelerate technology development and transfer to [developing country Parties][Parties not included in annex X];*
  - (b) *[Leverage enhanced support from the private sector for technology development and transfer to [developing country Parties][Parties not included in annex X]] [Promote access to public sector technology and promote development and transfer to developing country Parties];*
  - (c) *Provide financial and human resources and institutional and technical support for technology development and transfer to [, and for the development and enhancement of endogenous capacities and technologies of] [developing country Parties][Parties not included in annex X]. (Part III, para 72.1 of ADP 2-10 co-chair's tool)*
51. *[Requests the IPC to develop recommendations regarding the technology framework referred to in Article 7, paragraph 2, of the Agreement, for consideration and adoption by the CMA at its first session, taking into account the need to avoid duplication and the opportunity to create synergies. The IPC should consider, inter alia, the relationship between this framework and the technology transfer framework established by decision 4/CP.7, as well as the functions of the former and its linkage to the Technology Mechanism;]*

*Decides that the SBI review the Technology Framework with the view to strengthen it, taking into consideration that the Framework shall *inter alia*:*

- (a) *facilitate the undertaking and updating of Technology Needs Assessments in developing country Parties;*
- (b) *facilitate various options for enabling developing country access to technologies;*
- (c) *facilitate the [undertaking technology assessments][conducting of regular assessments [on][of] technologies that are ready for transfer];*
- (d) *make the list of ready-to-transfer technologies;*
- (e) *set target for supporting the development and transfer of each technology to developing countries;*

- (f) [mobilize resources to deliver the support] [[facilitate] enhance financing and technical support for the implementation of the outcomes of technology needs of developing countries]; and
- (g) address barriers and create appropriate enabling environments for technology development and transfer

52. *[Decides that the TEC and the Climate Technology Centre and Network shall report to the CMA through the subsidiary bodies on their activities relating to the implementation of the Agreement;]*

*[Decides that the [CMA][governing body ] [may][shall] provide further guidance to [and strengthen] the [Technology Mechanism] [institutional arrangements for technology [development and transfer]] established under the Convention and serving this agreement, taking into account the specific needs of [developing countries][Parties not included in annex X] and countries with special circumstances in Africa, the LDCs and SIDS and promoting needs-based development, access, management and control, emphasizing the most marginalized; the guidance provided by the [CMA][governing body] shall not conflict with the guidance provided by the COP;] (Part II, para 35 of ADP 2-10 co-chair's tool)*

*[Decides that [CMA] [the governing body] [an ad hoc review and monitoring mechanism shall be established and] shall conduct a periodic assessment of the effectiveness and adequacy [and implementation] of the [Technology Mechanism] [institutional arrangements] for technology development and transfer. [The [Technology Mechanism] [institutional arrangements] shall improve their performance, and be mandated new functions, as needed, in accordance with the result of the assessment;] (Part II, para 38 of ADP 2-10 co-chair's tool)*