

Enhanced action on technology development and transfer

AWG-LCA agenda item 3 (d)

August 2012

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)	COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
<p>Enhanced action on technology development and transfer to support action on mitigation and adaptation, including consideration of, inter alia:</p> <p>(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;</p> <p>(ii). Ways to accelerate deployment, diffusion and transfer of affordable environmentally sound technologies;</p> <p>(iii). Cooperation on research and development of current, new and innovative technology, including win-win solutions</p> <p>(iv). The effectiveness of mechanisms and tools for technology cooperation in specific sectors;</p>	<p>The COP, by decision 1/CP.16, established a Technology Mechanism, under the guidance and accountable to the COP, to facilitate the implementation of actions for achieving the objective referred to in para 113-115, which consist of: (para 117)</p> <p>a) A Technology Executive Committee (TEC) to undertake functions contained in para 121,</p> <p>b) A Climate Technology Centre and Network (CTCN) to undertake functions contained in para 123.</p> <p>The objective referred to in para 113-115 are:</p> <p>a) The objective of enhanced action on technology development and transfer is to support action on mitigation and adaptation in order to achieve the full implementation of the Convention;</p> <p>b) In pursuit of this objective, technology needs must be nationally determined, based on national circumstances and priorities;</p> <p>c) To accelerate action consistent with international obligations, at different stages of the technology cycle, including research and development, demonstration, deployment, diffusion and transfer of technology in support of action on mitigation and adaptation.</p> <p>Decided that the TEC and the CTCN, consistent with their respective functions, should facilitate the effective implementation of the TM, under the guidance of the COP. (para 118)</p> <p>Also decided that priority areas that could be considered under the Convention may include: (para 120)</p> <p>a) Development and enhancement of the endogenous</p>	<p>Requested the TEC and the Climate Technology Centre to establish procedures for preparing a joint annual report; (para 142)</p> <p>Also requested the secretariat to make available the joint annual report referred to in paragraph 142 above for consideration by the Conference of the Parties through its subsidiary bodies; (para 143)</p>	<p>The issues raised by some Parties for further consideration during the AWGLCA 15 include:</p> <p>a) Additional functions of the TEC and the CTCN which also concern the IPRs issue and technology assessment;</p> <p>b) The potential links between the Technology Mechanism and financial mechanism, and</p> <p>c) The relationship and reporting line of the TEC and the CTCN.</p>	

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)	COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
	<p>capacities and technologies of developing country Parties, including cooperative research, development and demonstration programmes;</p> <p>b) Deployment and diffusion of environmentally sound technologies and knowhow in developing country Parties;</p> <p>c) Increased public and private investment in technology development, deployment, diffusion and transfer;</p> <p>d) Deployment of soft and hard technologies for the implementation of adaptation and mitigation actions;</p> <p>e) Improved climate change observation systems and related information management;</p> <p>f) Strengthening of national systems of innovation and technology innovation centres;</p> <p>g) Development and implementation of national technology plans for mitigation and adaptation;</p> <p>Further decided that the TEC and the CTCN shall report, on an interim basis [...] to the COP, through the SBs, on their respective activities and the performance of their respective functions; (<i>para 126</i>)</p> <p>Decided that the CTCN and the TEC shall relate so as to promote coherence and synergy. (<i>para 127</i>)</p> <p>Agreed on the work programme of the AWGLCA in 2011 on technology development and transfer to continue dialogue among Parties, including on the following matters, with a view to making a decision at COP17 in order to make the TM fully operation in 2012: (<i>para 128</i>)</p>			
	a) The relationship between the TEC and the CTCN, and their reporting lines;	Addressed. See para 142 and 143 as above which are relevant to this matter.		
	b) The governance structure of and terms of reference for the CTCN and how the CTC will relate to the Network;	Concluded. See para 133 as below which is relevant to this matter.		
	c) The procedure for calls for proposals and the criteria	Concluded. See para 137 and 138 as		

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
	to be used to evaluate and select the host of the CTCN;		below which are relevant to this matter.		
	d) The potential links between the TM and the financial mechanism;		Addressed. See para 139, 140 and 141 as above which are relevant to this matter.		
	e) Consideration of additional functions for the TEC and the CTCN.		AWGLCA was not able to conclude on this matter with an agreement to include the text in bracket in the CRP.39 in Durban.		
	TEC	<p>The functions of the TEC shall be to: (Para. 121)</p> <ul style="list-style-type: none"> a) Provide an overview of technological needs and analysis of policy and technical issues related to the development and transfer of technologies for mitigation and adaptation; b) Consider and recommend actions to promote technology development and transfer, in order to accelerate action on mitigation and adaptation; c) Recommend guidance on policies and programme priorities related to technology development and transfer with special consideration given to the least developed country Parties; d) Promote and facilitate collaboration on the development and transfer of technologies for mitigation and adaptation between governments, the private sector, non-profit organizations and academic and research communities; e) Recommend actions to address the barriers to technology development and transfer in order to enable enhanced action on mitigation and adaptation; f) Seek cooperation with relevant international technology initiatives, stakeholders and organizations, and 	<p>The TEC submitted:</p> <ul style="list-style-type: none"> • its annual report to COP17 through the SB35. • its report on modalities and rules of procedure for consideration and adoption by the COP. <p>The COP, by decision 4/CP.17, adopted modalities and rules of procedure of the TEC. (para 2 and 3)</p> <p>Requested the TEC to further elaborate its modalities on linkages with other relevant institutional arrangements under and outside the Convention, in the light of the agreed outcome of the seventeenth session of the Conference of the Parties and to provide such modalities for consideration by the subsidiary bodies at their thirty-sixth sessions, with a view to recommending the modalities for adoption by the Conference of the Parties at its eighteenth session. (para 6)</p> <p>Requested that the TEC make its rolling workplan for 2012–2013 available in its report to the Subsidiary Body for Scientific and Technological Advice and the Subsidiary Body for Implementation⁶ at their thirty-sixth sessions. (para 10)</p>	<p>SBSTA and SBI welcomed the report on the linkage modalities and the rolling workplan of the TEC for 2012–2013 (FCCC/SB/2012/1).</p> <p>The SBI and the SBSTA invited the TEC to further elaborate and fine tune its initial ideas on modalities on linkages with the institutional arrangements under and outside the Convention.</p> <p>The SBI and the SBSTA noted that the TEC will consult with the relevant institutional arrangements, once they become operational, to seek their views and mutual agreement on the proposed linkage modalities. The SBI and the SBSTA also noted that the TEC will report on the results of its consultations with these relevant institutional arrangements on these modalities in its report on activities and performance for 2012, through the subsidiary bodies, for consideration by the COP at its eighteenth session.</p>	<p>The COP, through the SBs, to consider the report of the TEC which may include its recommendations resulted from its activities conducted in 2012.</p>

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
		<p>promote coherence and cooperation across technology activities, including activities under and outside of the Convention;</p> <p>g) Catalyse the development and use of technology road maps or action plans at the international, regional and national levels through cooperation between relevant stakeholders, particularly governments and relevant organizations or bodies, including the development of best practice guidelines as facilitative tools for action on mitigation and adaptation;</p> <p>The TEC shall further implement the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention adopted by decision 4/CP.7 and enhanced by decision 3/CP.13; (para 119)</p> <p>The TEC shall have the mandate and composition as contained in appendix IV to this decision. (para 122)</p> <p>The TEC shall convene its first meeting as soon as practicable following the election of its members and shall elaborate its modalities and procedures taking into account the need to achieve coherence and maintain interactions with other relevant institutional arrangements under and outside of the Convention, for consideration by the Conference of the Parties at its seventeenth session; (para 125)</p>			

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
	CTCN	<p>A CTCN to undertake functions contained in para 123; which shall facilitate a network of national, regional, sectoral and international technology networks, organizations and initiatives with a view to engaging the participants of the Network effectively in the following functions: (para 123)</p> <p>a) At the request of a developing country Party:</p> <p>(i). Providing advice and support related to the identification of technology needs and the implementation of environmentally sound technologies, practices and processes;</p> <p>(ii). Facilitating the provision of information, training and support for programmes to build or strengthen capacity of developing countries to identify technology options, make technology choices and operate, maintain and adapt technology;</p> <p>(iii). Facilitating prompt action on the deployment of existing technology in developing country Parties based on identified needs;</p> <p>b) Stimulating and encouraging, through collaboration with the private sector, public institutions, academia and research institutions, the development and transfer of existing and emerging environmentally sound technologies, as well as opportunities for North–South, South–South and triangular technology cooperation;</p>	<p>The COP, by its decision 2/CP.17 adopted the terms of reference of the CTCN which includes the governance structure of the CTCN. (para 133)</p> <p>Decided that the selection process for the host of the Climate Technology Centre shall be launched upon the conclusion of the seventeenth session of the Conference of the Parties and shall be conducted in an open, transparent, fair and neutral manner in accordance with the process outlined in this decision, and informed by United Nations practices, in order to make the Technology Mechanism become fully operational in 2012; (para 136)</p> <p>Requested the secretariat: (para 137)</p> <p>a) To prepare and issue the call for proposals in accordance with this decision by 16 January 2012, including the preparation of the sample requests as referred to in annex VIII, paragraph 8(c), and invite interested organizations, including consortia of organizations, to submit their proposals in response to the call for proposals by 16 March 2012;</p> <p>b) To provide responses to inquiries from interested organizations in consultation with the evaluation panel referred to in paragraph 137(d) below, as appropriate;</p> <p>c) To compile the executive summaries contained in the submitted proposals and make</p>	<p>Secretariat issued a call for proposals on 16 January 2012 as mandated by decision 2/CP.17.</p> <p>9 proposals were received by 16 March 2012 and were evaluated by an evaluation panel nominated by the TEC within its membership.</p> <p>An evaluation report which includes a shortlist that ranked the top three proponents for hosting the CTC was submitted by the evaluation panel for consideration by SBI 36.</p> <p>SBI agreed on a ranked list of proponents, with a consortium led by UNEP ranked first, GEF ranked second, DNV ranked third for hosting the CTC. SBI requested the secretariat to make available the report on the outcome of its discussions on the key elements of the potential host agreements available by 26 October 2012 for consideration by SBI 37, with a view to recommending the draft host agreement for adoption by COP18.</p>	<p>SBI37 and COP18:</p> <p>a) To agree on the host of the CTC.</p> <p>b) To recommend the draft host agreement for hosting the CTC for consideration and approval by COP 18.</p> <p>c) To agree on the constitution of the advisory board of the CTCN.</p> <p>d) To consider the annual report of the TEC and recommend any appropriate action arising from the report for consideration by COP 18.</p>

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
		<p>c) Facilitating a network of national, regional, sectoral and international technology centres, networks, organization and initiatives with a view to:</p> <ul style="list-style-type: none"> (i). Enhancing cooperation with national, regional and international technology centres and relevant national institutions; (ii). Facilitating international partnerships among public and private stakeholders to accelerate the innovation and diffusion of environmentally sound technologies to developing country Parties; (iii). Providing, at the request of a developing country Party, in-country technical assistance and training to support identified technology actions in developing country Parties; (iv). Stimulating the establishment of twinning centre arrangements to promote North–South, South–South and triangular partnerships, with a view to encouraging cooperative research and development; (v). Identifying, disseminating and assisting with developing analytical tools, policies and best practices for country-driven planning to support the dissemination of environmentally sound 	<p>them available simultaneously on the UNFCCC website;</p> <p>d) To convene an evaluation panel, consisting of three members from Annex I Parties and three from non-Annex I Parties as nominated by the TEC from within its membership, by the end of February 2012:</p> <ul style="list-style-type: none"> (i). To conduct an assessment of the proposals received based on the methodology described in the criteria to be used to evaluate and select the host of the Climate Technology Centre contained in annex VIII, paragraph 9; FCCC/CP/2011/9/Add.1 (ii). To prepare an evaluation report with a shortlist ranking up to five proponents, including information on how the criteria for the evaluation have been applied, and make it available for consideration by the Subsidiary Body for Implementation at its thirty-sixth session; <p>e) To discuss the key elements of the potential host agreement</p>		

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
		<p>technologies;</p> <p>d) Performing other such activities as may be necessary to carry out its functions.</p>	<p>with the top-ranked proponent, and, if needed, with the second-ranked and third-ranked proponents as agreed by the Subsidiary Body for Implementation at its thirty-sixth session and referred to in paragraph 138(a) below;</p> <p>f) To report the outcome of its discussion on the key elements of the potential host agreement to the Subsidiary Body for Implementation at its thirty-seventh session for its consideration, with a view to recommending it for consideration and approval by the Conference of the Parties at its eighteenth session;</p> <p>Requested the Subsidiary Body for Implementation: (para 138)</p> <p>a) To agree on, at its thirty-sixth session, a ranked list of up to three proponents based on the outcome of the assessment conducted by the evaluation panel referred to in paragraph 137(d)(i) above;</p> <p>b) To recommend the host of the CTCN to the Conference of the Parties for approval at its eighteenth session;</p> <p>c) To consider, at its thirty-sixth session, the constitution of the advisory board referred to in annex VII, paragraph 7, with a view to making a recommendation to the Conference of the Parties for</p>		

COP 13 (Bali) Decision 1/CP.13, Para.1 (d)	COP 16 (Cancun) Cancun Agreements (Decision 1/CP.16)		COP 17 (Durban) Decision 2/ CP.17 and Decision 4/CP.17	SB 36/AWGLCA 15.1 (May 2012)	Further action in Doha
			<p>consideration and adoption at its eighteenth session;</p> <p>Decided that the costs associated with the Climate Technology 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; (para 139)</p> <p>Requested the Global Environment Facility to support the operationalization and activities of the CTCN without prejudging any selection of the host; (para 140)</p> <p>Invited Parties in a position to do so to support the CTCN through the provision of financial and other resources; (para 140)</p>		