

Background paper

Collaboration with other relevant institutional arrangements under and outside the Convention

Summary

- The COP, by its decision 1/CP.16, requested the TEC, as one of its functions, to seek cooperation with relevant international technology initiatives, stakeholders and organizations, and promote coherence and cooperation across technology activities, including activities under and outside of the Convention.
- At TEC 5, the TEC discussed areas for further work and collaboration with other relevant organizations outside the Convention. Members were of the view that the activities of the workplan of the TEC would need to be further specified in order to identify possible partner organizations for collaboration.
- At TEC 5, The TEC noted that there are some possible overlapping activities between the work undertaken by the various bodies, which may require further coordination and collaboration among the bodies to ensure coherence. In response to this need, the TEC agreed to establish a Linkage Taskforce within the TEC.
- This paper reports on the outcomes of the work undertaken by the taskforce.

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Collaboration with other relevant institutional arrangements under and outside the Convention

I. Introduction

A. Background

1. The COP, by its decision 1/CP.16, requested the TEC, as one of its functions, to seek cooperation with relevant international technology initiatives, stakeholders and organizations, and promote coherence and cooperation across technology activities, including activities under and outside of the Convention.
2. The TEC has undertaken a number of activities to enhance cooperation with relevant international technology initiatives, stakeholders and organizations, including organizing calls for inputs on specific topics, organizing thematic dialogues and offering participation of observers in meetings of the TEC.
3. At its 5th meeting (TEC 5), the TEC discussed areas for further work and collaboration with other relevant organizations outside the Convention. Members were of the view that the activities of the workplan of the TEC would need to be further specified in order to identify possible partner organizations for collaboration.
4. Representatives of the Adaptation Committee (AC), the Least Developed Countries Expert Group (LEG) and the Standing Committee on Finance (SCF), participated in TEC 5, including by presenting activities of the work plans of the respective Bodies of relevance to the TEC.
5. The TEC noted that there are some possible overlapping activities between the work undertaken by the various bodies, which may require further coordination and collaboration among the bodies to ensure coherence. In response to this need, the TEC agreed to establish a Linkage Taskforce within the TEC.
6. The tasks of the Taskforce are to:
 - (a) Identify priority areas and specific topics for collaboration with other relevant institutional arrangements under the Convention;
 - (b) Propose modalities to engage other relevant institutional arrangements under the Convention for the priority areas and specific topics as identified on a) above;
 - (c) Propose specific areas of work or specific topics in which the TEC could benefit from input from relevant stakeholders outside the Convention;
 - (d) Propose modalities to engage these stakeholders;
 - (e) Propose two possible topics for technology briefs on adaptation.
7. This paper reports on the outcomes of the work undertaken by the taskforce.

B. Approach

8. A mapping exercise of existing work plans of relevant bodies under the Convention was undertaken to assess where there may be potential duplication in activities, overlaps and opportunities for cooperation. In doing so the following information was taken into account in identifying priority areas and

specific topics for collaboration with other relevant institutional arrangements under the Convention:

- (a) Mandates and work plans of relevant bodies under the Convention;
- (b) The rolling work plan of the TEC for 2013;
- (c) Follow-up activities in specific thematic areas, such as enabling environments and barriers to technology development and transfer, technology road maps and technical papers as contained in the report on activities and performance of the TEC for 2012;¹
- (d) Follow up actions identified during TEC 5;
- (e) Suggestions made by representatives of the AC, the LEG and the SCF during TEC 5.

9. The workplan of the TEC for 2013, the follow up activities as contained in the report on activities and performance of the TEC for 2012 and in addition the follow up actions identified during TEC 5 were also used as the basis to identify specific areas of work or specific topics in which the TEC could benefit from input from relevant stakeholders outside the Convention.

10. The findings of the second synthesis report on technology needs identified by Parties not included in Annex I to the Convention were used to identify two possible topics for technology briefs on adaptation. In addition the AC was consulted to seek their input on possible topics for these technology briefs.

C. Possible action by the TEC

11. The TEC may wish to consider the report by the task force and determine any appropriate follow-up action on:

- (a) Priority areas and specific topics for collaboration with other relevant institutional arrangements under the Convention and modalities to engage them;
- (b) Priority areas and specific topics for collaboration with other relevant institutional arrangements outside of the Convention and on modalities to engage them;
- (c) Possible topics for technology briefs on adaptation, and on a possible time line for the first draft of the brief.

II. Priority areas and specific topics for collaboration with other relevant institutional arrangements under the Convention and modalities to engage them

A. Mapping of the rolling workplan of the TEC against the relevant bodies

12. The mandates and workplans of the relevant bodies under the Convention were used as a basis to identify areas and topics for collaboration. The results of the mapping of the rolling workplan of the TEC against the relevant bodies under the Convention are provided in annex 1.

¹ <http://unfccc.int/resource/docs/2012/sb/eng/02.pdf>.

B. Proposals made by representatives of other bodies under the Convention at TEC 5

13. Representatives of the AC, LEG and the SCF, participated in TEC 5, including by presenting activities of the work plans of the respective Bodies of relevance to the TEC. The following provides a brief summary of the activities as presented by them at TEC 5.

14. The representative of the AC presented the following activities of the workplan of the AC² of relevance to the TEC:

- (a) Coherence and co-operation within the Convention (activity 1,2 and 3 of the workplan of the AC);
- (b) Workshop (in 2014) facilitating the means of implementation (activity 4);
- (c) Mapping of regional institutions/UN agencies that support adaptation in Developing Countries (activity 5);
- (d) List of adaptation experts (activity 9);
- (e) Database and clearing house for NAPs (activity 12);
- (f) Thematic reports (activity 21).

15. The representative of the LEG elaborated on how the TEC can support the work of the LEG in LDCs on technologies for adaptation. He highlighted that the TEC could assist in providing technical advice and guidance on the following issues, as reflected in the report on the 22th meeting of the LEG:³

- (a) How the LDCs can address the barriers to adaptation technology development and transfer?
- (b) Policies and programme priorities related to adaptation technology development and transfer for the LDCs for the NAP process;
- (c) Appropriate adaptation technologies (through feasibility analyses and cost–benefit analyses), as well as their installation, operation and maintenance.

16. The representative of the SCF highlighted that developing and strengthening linkages with other thematic bodies under the Convention such as the AC and the TEC as well as the Board of the Green Climate Fund and the Adaptation Fund Board as one of their priorities.⁴

C. Priority areas and specific topics for collaboration with relevant bodies under the Convention

17. Given the potential overlaps between the planned activities of the TEC and those of other bodies under the Convention and the need for greater coherence and collaboration, the TEC may wish to consider:

- (a) To collaborate with the AC:
 - (i) To review technology needs from various sources;
 - (ii) To organize a workshop/expert meeting on barriers to and enabling factors for technologies for adaptation;
 - (iii) To propose two possible topics for technology briefs on adaptation.
 - (iv) To provide input (a paper or presentation) to the workshop on means of implementation.

² <http://unfccc.int/resource/docs/2012/sb/eng/03.pdf>

³ <http://unfccc.int/resource/docs/2012/sbi/eng/27.pdf>

⁴ <http://unfccc.int/resource/docs/2012/cop18/eng/04.pdf>

- (v) To collaborate on integration of TNAs into NAPs (as input to, or part of, NAPs preparation process).
- (b) To collaborate with the LEG:
 - (i) To review technology needs from various sources;
 - (ii) To organize a workshop/expert meeting on barriers to and enabling factors for technologies for adaptation.
 - (iii) To identify barriers to adaptation technology development and transfer and ways and means to address them (consultations, inputs);
 - (iv) To collaborate on integration of TNAs into NAPs (as input to, or part of, NAPs preparation process).
- (c) To collaborate with the CGE:
 - (i) To review technology needs from various sources.
- (d) Input for the Work programme on long term finance:
 - (i) To prepare a submission on the views of the TEC on long term finance.

18. A mapping exercise of existing work plans of relevant bodies under the Convention to assess where there may be potential duplication in activities, overlaps and opportunities for cooperation may need to be repeated whenever the TEC develops a new rolling work program.

D. Possible modalities to engage other relevant institutional arrangements under the Convention for the identified priority areas and specific topics

19. Table 1 provides an overview of possible modalities to engage other relevant institutional arrangements under the Convention for the identified priority areas and specific topics referred to in paragraph 17 above the TEC may wish to consider. The modalities build on the linkage modalities prepared by the TEC in response to a request from the COP.

Table 1: Priority areas, topics and modalities for engaging bodies under the Convention.

Priority areas and specific topics	Modality
To review technology needs from various sources	Invite AC, LEG and CGE to provide inputs in the review of technology needs from various sources, including national communications and NAPs
To organize a workshop/expert meeting on barriers to and enabling factors for technologies for adaptation	To invite representatives of the AC and LEG to participate in the workshop/expert meeting on barriers to and enabling factors for technologies for adaptation
To propose two possible topics for technology briefs on adaptation	<ol style="list-style-type: none"> 1. To invite the AC to provide inputs in the selection of two possible topics for technology briefs on adaptation 2. To invite the AC to participate in reviewing the technology briefs on adaptation
To provide input to the workshop on means of implementation	Prepare a paper or presentation as an input to the workshop on means of implementation
To collaborate on integration of TNAs into NAPs (as input to, or part of, NAPs preparation process).	Share experiences and lessons learned, including best practices from the TNA process relevant for the NAP preparation process.
Input for the Work programme on long term finance	Prepare a submission on the views of the TEC on long term finance

20. A possible starting point to initiate collaboration between the TEC, AC and LEG could be the organization of a joint workshop between the TEC, AC and the LEG to discuss prospective adaptation topics. This workshop could be used to start elaborating the specifics of a few topics as well as lay out a broader, long term collaborative agenda between the three entities. This workshop/strategic planning session could then be replicated between the TEC and other stakeholder groups.

III. Specific areas of work or specific topics in which the TEC could benefit from input from relevant stakeholders outside the Convention and possible modalities to engage these stakeholders

21. The workplan of the TEC for 2013 and the follow up activities as contained in the report on activities and performance of the TEC for 2012 were used as the basis to identify specific areas of work or specific topics in which the TEC could benefit from input from relevant stakeholders outside the Convention. In addition follow up actions identified during TEC 5 were taken into account. Annex II provides an overview of these activities and the possible modalities to engage relevant stakeholders.

22. Given the potential overlaps between the planned activities of the TEC and those of relevant stakeholders outside the Convention and the need for greater coherence and collaboration, the TEC may wish to consider to seek input from these stakeholders for the following areas of work:

- (a) Review of technology needs from various sources;
- (b) Review the inventory of road maps;
- (c) Organize thematic dialogues in order to seek cooperation with other relevant technology initiatives, stakeholders and organizations;
- (d) Produce technical paper(s) on topics agreed by the TEC;
- (e) Prepare technology briefs on topics agreed by the TEC.

23. Cognizant of the many events which are organized on issues related to technology development and transfer, the taskforce would like to stress the importance of the TEC reaching out to relevant stakeholders and participate in events of relevance to the TEC.

IV. Possible topics for technology briefs on adaptation.

24. During TEC 5, the TEC discussed topics and preparatory work for developing technology briefs. In the discussion, members highlighted that the technology briefs should respond to country's needs, be broad in scope, use TEC resources for writing the technology briefs and involve relevant stakeholders. Members also elaborated on possible topics for technology briefs and a possible timeline for finalizing the technology briefs. Members also discussed the possibility of the TEC drafting technology briefs on both adaptation and mitigation technologies.

25. The Linkage taskforce was requested to propose two possible topics for technology briefs on adaptation. In selecting two possible topics for technology briefs on technologies for adaptation the taskforce decided to respond to the needs of non-Annex I Parties as expressed in their Technology Needs Assessments (TNAs).

26. The findings of the second synthesis report on technology needs identified by NAI Parties were used to identify possible topics for technology briefs on adaptation. According to the second synthesis report, the three adaptation technologies mostly identified by non-Annex I Parties in their TNAs were (see annex III):

- (a) Crop management,

(b) Land management

(c) Systematic observation.

27. The Task force would like to propose these technologies for adaptation as possible topics for the technology briefs on adaptation to be developed by the TEC in the course of this year, taken into account the feedback received from the AC on these topics.

28. The TEC may wish to follow a similar approach to identify possible topics for technology briefs on mitigation, if it decides to develop technology briefs on mitigation.

Annex 1: Mapping of the workplan of the TEC against relevant bodies under the Convention

Element of TEC modality Body under the Convention	Analysis and synthesis	Policy recommendations	Facilitation and catalysing	Linkage with other institutional arrangements under the Convention	Linkage with other institutional arrangements outside the Convention	Information and knowledge sharing
Advisory Board of the Climate Technology Centre and Network				1.Elaborate modalities on linkages with other relevant institutional arrangements (WP) 2.Elaborate procedures for preparing a joint annual report of the TEC and the CTCN (WP)		
Adaptation Committee	1.Review of technology needs from various sources (WP) 2. Propose two possible topics for technology briefs on adaptation (TEC5)		Organize a workshop/expert meeting on barriers to and enabling factors for technologies for adaptation (TEC rep)	Elaborate modalities on linkages with other relevant institutional arrangements (WP)		
board of the Green Climate Fund				Elaborate modalities on linkages with other relevant institutional arrangements (WP)		
Least Developed Countries Expert Group	1.Review of technology needs from various		Organize a workshop/expert meeting on barriers	Elaborate modalities on linkages with other		

	sources (WP)		to and enabling factors for technologies for adaptation (TEC rep)	relevant institutional arrangements (WP)		
Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention	Review of technology needs from various sources (WP)			Elaborate modalities on linkages with other relevant institutional arrangements (WP)		
Standing Committee on Finance				Elaborate modalities on linkages with other relevant institutional arrangements (WP)		
Work programme on long term finance		Prepare a submission on the views of the TEC on long term finance (TEC5)				
Adaptation Fund Board				Elaborate modalities on linkages with other relevant institutional arrangements (WP)		

Note: WP = Activity included in the rolling workplan of the TEC for 2012–2013.

TEC rep = Follow-up activity as included in the report on activities and performance of the Technology Executive Committee for 2012.

TEC5 = Follow-up activity resulting from the 5th meeting of the TEC.

Annex II: Work plan of the TEC for 2013, follow up activities and modalities for engaging relevant stakeholders.

Activities from TEC workplan for 2013	Follow-up activities for 2013	Modalities for engaging relevant stakeholders
Review of technology needs from various sources	Prepare a compilation and synthesis of information contained in the completed second round of TNAs, with particular focus on enabling environments and barriers for mitigation and adaptation technologies	Engage relevant stakeholders in the review of technology needs during the TEC meetings.
Review the inventory of road maps	<p>(a) Continue its efforts to improve the inventory of technology road maps in collaboration with relevant organizations;</p> <p>(b) Complete the review of technology road maps contained in the inventory, with a view to identifying gaps and making recommendations to address these gaps;</p> <p>(c) Organize an expert meeting with a focus on technology road maps in the area of adaptation to climate change;</p> <p>(d) Develop practical guidelines and relevant tools for the development and use of technology road maps.</p>	<p>- Provide inputs for the inventory of technology roadmaps through calls for input.</p> <p>- Provide inputs in developing practical guidelines and relevant tools for the development and use of technology road maps through calls for input.</p>
Organize a thematic dialogue on enabling environments and barriers to technology development and transfer	<p>(a) Continue the dialogue with relevant stakeholders on this matter, with a view to broadening the scope of engagement;</p> <p>(b) Further mobilize support and seek further inputs from relevant stakeholders through issuing another call for inputs;</p> <p>(c) Undertake further comprehensive analysis of the information generated from various sources, including presentations and discussions that took place during the dialogue and the submissions from relevant stakeholders in response to the call for inputs on this matter;</p> <p>(d) Organize workshops on specific issues to enable in-depth discussion, with a view to elaborating on strategic and policy advice on ways to address those issues;</p> <p>(e) Explore the possibility of developing a technical paper on enabling environments.</p>	<p>- Continue the dialogue with relevant stakeholders on this matter;</p> <p>- Seek further inputs from relevant stakeholders through issuing another call for input;</p> <p>- Participate in workshops on specific issues to enable in-depth discussion;</p>

Organize thematic dialogues in order to seek cooperation with other relevant technology initiatives, stakeholders and organizations	Organize a thematic dialogue on research, development and demonstration (RD&D)	Participate in the thematic dialogue on RD&D
Produce technical paper(s) on topics agreed by the TEC	<p>(a) Conduct a literature review focusing on key adaptation sectors and technologies for adaptation and their main barriers as identified in the second synthesis report on technology needs, with a view to providing input to the preparation of technical briefs;</p> <p>(b) Organize a workshop/expert meeting on barriers to and enabling factors for technologies for adaptation;</p> <p>(c) Organize a call for inputs from observers to support its deliberation on targeted issues;</p> <p>(d) Agree on specific topics of the technical briefs and prepare draft terms of reference.</p>	<p>- Participate in the workshop/expert meeting on barriers to and enabling factors for technologies for adaptation;</p> <p>- Organize a call for inputs from observers to support its deliberation on targeted issues.</p>
Prepare technology briefs	<ol style="list-style-type: none"> 1. Prepare the first draft of a technology brief on TRMs. 2. Prepare the first draft of a technology brief on the results of the TNAs and the integration of TNAs with other NAMAs and NAPs. 3. Investigate two options for technology briefs on adaptation. 	Invite relevant stakeholders to review the technology briefs.

Annex III: Technology needs for adaptation to climate change

