

## Thirteenth meeting of the Technology Executive Committee

United Nations Campus (AHH building), Bonn, Germany  
6–9 September 2016

### Annotations to the provisional agenda

#### 1. Opening of the meeting

1. The Chair of the Technology Executive Committee (TEC) will open the 13<sup>th</sup> meeting of the TEC (TEC 13) on 6 September 2016.

#### 2. Organizational matters

##### a) Adoption of the agenda

2. **Background:** In accordance with the rules of procedure, the TEC shall, at the beginning of each meeting, adopt the meeting agenda. A draft provisional agenda for TEC 13 was prepared by the TEC Chair and Vice-Chair, with the assistance of the secretariat, and was circulated to TEC members for comments prior to the meeting.
3. **Expected action:** The TEC will be invited to adopt the agenda for TEC 13.

*TEC/2016/13/1 Provisional agenda for the 13<sup>th</sup> meeting of the Technology Executive Committee*

##### b) Organization of work

4. **Background:** TEC 13 will be held from 6 to 9 September 2016, scheduled to begin at 14:00 on 6 September. The meeting will be open to attendance by Parties and accredited observer organizations as observers, except where otherwise decided by the TEC. There will be a live webcast of the meeting.
5. A tentative work schedule for the meeting presents the proposed sequence and indicative timeline for the agenda items. The organization of work includes that each TEC task force will be invited to provide during the first day an update on their work carried out since the last TEC meeting. In addition, work in breakout groups will be conducted during the meeting.
6. **Expected action:** The TEC will be invited to take note of the proposed organization of the work of the meeting.

*TEC/2016/13/3 Tentative work schedule for the 13<sup>th</sup> meeting of the Technology Executive Committee*

##### c) Membership matters

7. **Background:** At TEC 13, the TEC will be updated on the status of the TEC membership.
8. **Expected action:** The TEC will be invited to take note of the membership status.

#### 3. Update on relevant meetings, events and initiatives

##### a) Outcomes of the Bonn climate change conference 2016

9. **Background:** The forty-fourth sessions of the Subsidiary Body for Implementation (SBI) and the Subsidiary Body for Scientific and Technological Advice (SBSTA) as well as the first session of the Ad Hoc Working Group on the Paris Agreement (APA) took place from 16 to 26 May 2016, in Bonn, Germany. The conference also included many other meetings and events.



10. At TEC 13, the secretariat will present the main outcomes of the conference, in particular those related to the work of the TEC. The TEC Chair and Vice-Chair will report on their participation in relevant meetings and events.

11. **Expected action:** The TEC will be invited to take note of the information provided.

*TEC/2016/13/4 Background note on the main outcomes of the Bonn climate change conference of May 2016*

b) Technical expert meetings on mitigation and adaptation in May 2016

12. **Background:** Two technical expert meetings (TEMs) on mitigation and two TEMs on adaptation took place in May 2016 as part of the Bonn climate change conference. These meetings were organized in accordance with the Conference of the Parties (COP) decision 1/CP.21, paragraphs 111(a) and 129(a).

13. At TEC 13, the secretariat will be invited to present the highlights of the four TEMs.

14. **Expected action:** The TEC will be invited to take note of the information provided.

*TEC/2016/13/5 Background note on the highlights of the technical expert meetings on mitigation and the technical expert meetings on adaptation held in May 2016*

c) Technology Facilitation Mechanism

15. **Background:** The Technology Facilitation Mechanism (TFM) was launched at the UN Summit in September 2015 with the adoption of the post-2015 development agenda, to support the achievement of the Sustainable Development Goals. The TFM comprises: (i) a UN inter-agency task team on science, technology and innovation for the sustainable development goals; (ii) a collaborative annual multi-stakeholder forum on science, technology and innovation (STI) for the sustainable development goals; and (iii) an online platform as a gateway for information on existing STI initiatives, mechanisms and programs. The first annual multi-stakeholder forum on STI for the sustainable development goals took place on 6 and 7 June 2016 in New York, United States.

16. At TEC 13, a representative from the United Nations Environment Programme (UNEP), as one of the coordinators of the UN Interagency Task Team, will be invited to report on the progress of the TFM, including the main outcomes of the STI forum.

17. **Expected action:** The TEC will be invited to take note of the information provided.

d) Overview of intended nationally determined contributions

18. **Background:** According to Article 4, paragraph 2 of the Paris Agreement, each Party shall prepare, communicate and maintain successive nationally determined contributions (NDCs) that it intends to achieve. The TEC rolling workplan for 2016-2018 contains a number of activities that relates to NDCs.

19. At TEC 13, the secretariat will be invited to present an overview of INDCs and NDCs submitted by Parties, including an overview of the interim NDC Registry and the updated synthesis report on the aggregate effect of INDCs.<sup>1</sup>

20. **Expected action:** The TEC will be invited to take note of the information provided.

e) Outlook of the Marrakech climate change conference 2016

21. **Background:** The twenty-second session of the COP and the twelfth session of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol as well as the sessions of the subsidiary bodies will be held in Marrakech, Morocco, from 7-18 November 2016.

22. At TEC 13, the secretariat will be invited to provide an overview of the preparation of the Marrakech climate change conference 2016 including events which are of relevance to the work of the TEC.

<sup>1</sup> <[unfccc.int/resource/docs/2016/cop22/eng/02.pdf](http://unfccc.int/resource/docs/2016/cop22/eng/02.pdf)>.

23. **Expected action:** The TEC will be invited to take note of the information provided.

f) Others

24. **Background:** At TEC 13, TEC members will be invited to share information on their participation in any other meetings, events or initiatives that may be relevant to the work of the TEC.

25. **Expected action:** The TEC will be invited to take note of the information provided.

4. **Matters relating to the Climate Technology Centre and Network**

26. **Background:** The 8<sup>th</sup> meeting of the Advisory Board of the Climate Technology Centre and Network (CTCN-AB) is planned to take place from 23 to 25 August 2016 in Copenhagen, Denmark.

27. At TEC 13, the CTCN-AB Chair and the Director of the CTCN will be invited to share the main outcomes of the 8<sup>th</sup> meeting of the CTCN-AB and provide an update on the operations and progress of work of the CTCN, including on collaboration areas with the TEC.

28. **Expected action:** The TEC will be invited to take note of the information provided.

5. **Technology needs assessments**

a) Analysis of linkages between the technology needs assessment process and the nationally determined contribution process

29. **Background:** As per activity 9.2 of its workplan for 2016–2018, the TEC is to analyse the linkages between the technology needs assessment (TNA) and the NDC processes.

30. At TEC 13, the task force on TNAs will be invited to present a draft paper on linkages between TNA and NDC processes, for consideration by the TEC.

31. **Expected action:** The TEC will be invited to consider the draft paper and provide further guidance on this work.

*TEC/2016/13/6 Draft paper on linkages between the technology needs assessment process and the nationally determined contribution process*

b) Possible alignment of the technology needs assessment process and the process to formulate and implement national adaptation plans

32. **Background:** In response to COP decision 3/CP.21, paragraph 5 and as per activity 9.1 of its workplan for 2016–2018, the TEC is to consider, in collaboration with the CTCN, the Adaptation Committee (AC) and the Least Developed Countries Expert Group (LEG), how Parties could be helped to align their TNAs with the process to formulate and implement national adaptation plans (NAPs).

33. At TEC 13, the task force on TNAs will be invited to present a draft paper with initial ideas on how to align TNAs with the process to formulate and implement NAPs, prepared in collaboration with the CTCN, AC and LEG.

34. **Expected action:** The TEC will be invited to consider the draft paper, and provide further guidance on this work.

*TEC/2016/13/7 Draft paper on aligning technology needs assessments with the process to formulate and implement national adaptation plans*

c) Methodology on monitoring the technology needs assessment results

35. **Background:** As per activity 11 of its workplan for 2016–2018, the TEC is to prepare a draft methodology on how to monitor the TNA results, including what methodology such monitoring should include, with a view to highlighting success stories.

36. At TEC 13, the task force on TNAs will be invited to present an outline of the methodology for monitoring TNA results, for consideration by the TEC.

37. **Expected action:** The TEC will be invited to consider the outline and provide guidance on the use of the outline for the methodology preparation.

<i>TEC/2016/13/8</i>	<i>Outline of the methodology for monitoring the results of technology needs assessments</i>
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## 6. Climate technology financing

### a) Linkages between the Technology Mechanism and the Financial Mechanism

38. **Background:** At COP 21, the COP requested the TEC, the CTCN and the operating entities (OE) of the Financial Mechanism (FM) to continue to consult on and further elaborate, including through an in-session workshop at SB 44 in May 2016, the linkages between the Technology Mechanism (TM) and the FM. The COP also requested the TEC to include, in its annual report, the findings arising from these activities for consideration at COP 22, taking into consideration the recommendations to be provided by the Board of the Green Climate Fund (GCF) at COP 22.
39. As per activity 15.1 of its workplan for 2016–2018, the TEC convened, in collaboration with the CTCN, GCF and GEF, an in-session workshop on linkages between the TM and the FM during SB 44 in May 2016. As per activity 15.2 of the TEC workplan for 2016-2018, a summary of findings from the consultations and the workshop is to be included in the joint annual report (JAR) of the TEC and the CTCN for 2016.
40. At TEC 13, the task force on climate financing will be invited to report on the consultations with the OE of the FM and on the main findings of the workshop. A representative of the GCF will be invited to provide an update on the outcomes of the 13<sup>th</sup> meeting of the GCF Board, which may be of relevance to the work of the TM. In addition, a representative of the Global Environment Facility (GEF) will be invited to provide an update on their planned activities to support enhanced action on technology development and transfer.
41. **Expected action:** The TEC will be invited to take note of the updates provided by the GCF and the GEF and agree on the information to be included in the JAR regarding the findings from the consultations between the TEC, CTCN, GCF and the GEF and the in-session workshop on linkages between the TM and FM.

<i>TEC/2016/13/9</i>	<i>Background note on the outcomes of consultations between the TEC, the CTCN and the operating entities of the Financial Mechanism on linkages between the Technology Mechanism and the Financial Mechanism</i>
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### b) Inputs to the draft guidance to the operating entities of the Financial Mechanism

42. **Background:** The TEC has been invited by the Standing Committee on Finance (SCF) to provide inputs to the SCF with regards to the draft guidance of the OE of the FM to be provided to COP 22. In its invitation, the SCF further elaborated on the scope, format, and timing of the inputs and how these will be processed. In doing so, it highlighted that the annual reports of the OE should form the basis for the inputs provided, using the same template as last year.
43. As per activity 16.2 of its workplan for 2016-2018, the TEC is to provide inputs to the SCF into the draft guidance to the OE of the FM.
44. The task force on climate financing will be invited to present the draft inputs into the draft guidance to the OE of the FM to the TEC.
45. **Expected action:** The TEC will be invited to agree on inputs for the draft guidance to the OE of FM.

<i>TEC/2016/13/10</i>	Draft inputs for the draft guidance to the operating entities of the Financial Mechanism
<i>FCCC/CP/2016/6</i>	Report of the Global Environment Facility to the Conference of the Parties. Note by the secretariat
<i>FCCC/CP/2016/7</i>	Report of the Green Climate Fund to the Conference of the Parties. Note by the secretariat

## 7. Adaptation

### a) Further work on South-South cooperation on technologies for adaptation

46. **Background:** The TEC held, as part of TEC 12, a thematic dialogue on enablers and barriers to South-South cooperation (SSC) on technologies for adaptation.<sup>2</sup>
47. As per activity 13 of its workplan for 2016-2018, the TEC is to further work on SSC and triangular cooperation (TrC) on technologies for adaptation, including through the establishment of an ad-hoc expert panel, if appropriate, to provide the TEC with expert advice on how to advance SSC and TrC on technologies for adaptation and/or mitigation.
48. Further, as per activity 22 of its workplan for 2016-2018, the TEC, together with the CTCN, is to explore opportunities for collaborating with United Nations Office for South-South Cooperation (UNOSSC) and/or other non-Party stakeholders, including the private sector, to further promote SSC and TrC.
49. The task force on adaptation will be invited to present progress of their work on these matters.
50. **Expected action:** The TEC will be invited to provide guidance on further work on SSC and TrC.

TEC/2016/13/11     *Background note on further work on South-South cooperation on technologies for adaptation*

### b) Inputs for the technical expert meetings on adaptation

51. **Background:** As per activity 14 of its workplan for 2016–2018, the TEC is to further engage and contribute to the work of the AC in the preparation of future TEMs on adaptation.
52. The task force on adaptation will be invited to present an update on the work on TEMs on adaptation.
53. **Expected action:** The TEC will be invited to consider and provide guidance on possible inputs for future TEMs on adaptation.

## 8. Mitigation

### a) Taking forward the outcomes of the technical examination process on mitigation

54. **Background:** As per activity 6 of its workplan for 2016–2018, the TEC is to, among others, take forward the outcomes of the technical examination process (TEP) on mitigation, taking into account the policy options, and identify gaps and replicable best practices or enabling policy conditions for NDCs.
55. At TEC 13, the task force on mitigation will be invited to present a background paper on an analysis of the policy options of the TEP on mitigation.
56. **Expected action:** The TEC will be invited to consider the findings of that analysis, and agree on activities for the TEC to undertake in order to take forward the policy options identified.

TEC/2016/13/12     *Background paper on analysis of the policy options of the technical examination process on mitigation and possible activities for the Technology Executive Committee to take these options forward*

### b) Inputs for the technical expert meetings on mitigation

57. **Background:** As per activity 5 of its workplan for 2016–2018, the TEC is to suggest future topics and provide inputs on the organization of the TEMs on mitigation, based on an analysis of TNAs and NDCs and inputs from the CTCN.
58. At TEC 13, the task force on mitigation will be invited to present the findings of TNA and NDC analyses and the inputs from the CTCN in order to identify possible relevant topics and issues for future TEMs.

<sup>2</sup> <[unfccc.int/ttclear/templates/render cms\\_page?s=TEC\\_TD6](http://unfccc.int/ttclear/templates/render cms_page?s=TEC_TD6)>.

59. **Expected action:** The TEC will be invited to consider those findings, and agree on inputs to the SB Chairs and the secretariat for the organization of future TEMs on mitigation.

TEC/2016/13/13    *Background paper on proposed inputs for future technical expert meetings on mitigation*

**9. Innovation and research, development and demonstration**

a) Technology research, development and demonstration

60. **Background:** As per activity 3 and 4 of its workplan for 2016–2018, the TEC is to determine and undertake further work on research, development and demonstration (RD&D), building upon previous TEC work on the issue.
61. At TEC 13, the task force on innovation and research, development and demonstration will be invited to present a draft concept note on global technology RD&D financing needs.
62. In addition, the secretariat will be invited to present a scoping paper on RD&D.
63. **Expected action:** The TEC will be invited to take note of the information contained in the concept note and scoping paper on RD&D and provide guidance to the task force on further follow-up activities on RD&D.

TEC/2016/13/14    *Draft concept note on assessing global technology research, development and demonstration financing needs*

TEC/2016/13/15    *Scoping paper on climate technology research, development and demonstration*

b) Innovation and nationally determined contributions

64. **Background:** As per activities 1 and 19 of its workplan for 2016–2018, the TEC is to organize in 2017 an event on how innovation, including technology transfer and distribution, can support implementation of the technology elements of NDCs and the Paris Agreement mid-century strategies.
65. At TEC 13, the secretariat will be invited to present initial ideas on the organization of the event.
66. **Expected action:** The TEC will be invited to provide guidance on the organization of the event.

**10. Emerging and cross-cutting issues:** Initial engagements with the Executive Committee of the Warsaw International Mechanism for Loss and Damage

67. **Background:** As per activity 18 of its workplan for 2016–2018, the TEC is to engage with the Executive Committee of the Warsaw International Mechanism for Loss and Damage (WIM ExCom) to exchange views and explore areas of common interest relevant to the work of both bodies. TEC 12 requested its Chair and Vice-Chair to lead the initial engagement with the Executive Committee of the WIM ExCom associated with Climate Change impacts.
68. At TEC 13, the TEC Chair and Vice-Chair will be invited to present an update on their initial engagements with the WIM ExCom.
69. **Expected action:** The TEC will be invited to consider the information provided by the Chair and Vice-Chair on their initial engagements with the WIM ExCom and determine any appropriate follow-up action on this matter.

**11. Joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2016**

a) Key messages of the Technology Executive Committee to the Conference of the Parties

70. **Background:** The COP, by its decision 17/CP.20, paragraph 4, decided that the TEC and the CTCN shall continue to prepare a joint annual report to the COP, through the subsidiary bodies, on their respective activities and the performance of their respective functions. As per practice, the TEC includes in its annual report key messages to the COP.

71. At TEC 13, draft key messages to COP 22 prepared by the respective task forces will be further considered in breakout groups, for subsequent consideration and finalization by the TEC.
72. **Expected action:** The TEC will be invited to agree on its key messages to COP 22, to be part of its 2016 annual report.

*TEC/2016/13/16      Draft key messages by the Technology Executive Committee to COP 22*

b) Report on activities and performance of the Technology Executive Committee

73. **Background:** In accordance with the agreed procedures for preparing the joint annual report, as recorded in the “Joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2013”, the joint annual report shall contain a section as the annual report of the TEC.
74. At TEC 13, the TEC Chair and Vice-Chair will be invited to present a draft section on annual report of the TEC for 2016, contained in the draft joint annual report for TEC and CTCN for 2016, for the TEC’s consideration.
75. **Expected action:** The TEC will be invited to provide guidance and to mandate the Chair and Vice-Chair of the TEC to finalize the section on annual report of the TEC for 2016.

*TEC/2016/13/17      Draft joint annual report of the Technology Executive Committee and Climate Technology Centre and Network for 2016*

c) Joint chapter of the joint annual report

76. **Background:** In accordance with the agreed procedures for preparing the joint annual report, the report shall contain a section as the joint chapter of the TEC and the CTCN. The procedures also note that the Chairs and Vice-Chairs of the TEC and the CTCN-AB are to prepare and finalize this joint chapter, taking into account any comments received from members of the TEC and the CTCN-AB.
77. At TEC 13, the TEC Chair and Vice Chair will be invited to present the draft joint chapter prepared by the Chairs and Vice-Chairs of the TEC CTCN-AB.
78. **Expected action:** TEC members will be invited to consider the draft joint chapter and provide inputs for the Chairs and Vice-Chairs of the TEC and the CTCN-AB to take into account in finalizing the joint chapter.

*TEC/2016/13/18      Draft joint chapter prepared by the Chairs and Vice-Chairs of the TEC and the CTCN-Advisory Board*

d) Updated procedures for preparing the joint chapter of the joint annual report

79. **Background:** COP 21, by decision 12/CP.21, paragraph 2, invited the TEC and the CTCN-AB to update the procedures for preparing the joint chapter of their joint annual report.
80. As per activity 26.1 of its workplan for 2016-2018, the TEC requested its Chair and Vice-Chair to initiate work with the Chair and Vice-Chair of the CTCN-AB on the updated procedures for preparing the joint chapter of the joint annual report, for consideration by the TEC.
81. At TEC 13, the TEC Chair and Vice-Chair will be invited to inform the TEC of the outcomes of their work with the Chair and Vice-Chair of the CTCN AB on the updated procedures for consideration by the TEC
82. **Expected action:** The TEC will be invited to consider and endorse the proposal.

*TEC/2016/13/19      Background note on updated procedures for preparing the joint chapter of the joint annual report of the Technology Executive Committee and Climate Technology Centre and Network*

**12. Preparation of the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network to the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement**

83. **Background:** The COP, by its decision 1/CP.21, paragraph 69, decided that the TEC and the CTCN shall report to the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA), through the subsidiary bodies, on their activities to support the implementation of the Agreement. As per activity 26.2 of its workplan, the TEC is to further work with the CTCN to determine ways of reporting to the CMA.

84. **Expected action:** The TEC will be invited to undertake initial exchanges on possible approaches for preparing its report to the CMA, and to mandate the TEC Chair and Vice-Chair to prepare a draft proposal, in consultation with the Chair and Vice Chair of the CTCN AB, taking into consideration the deliberations among TEC members, for consideration at TEC 14.

**13. Communication and outreach activities**

85. **Background:** At TEC 12, the TEC agreed on a communications and outreach strategy<sup>3</sup>, which aims to support and enhance the visibility of the TEC's output in particular for the period of the recent workplan 2016-2018.

86. At TEC 13, the secretariat will be invited to update the TEC on recent outreach activities, including the project to update TT:CLEAR.

87. **Expected action:** The TEC will be invited to take note of the information provided.

**14. Date and venue of the next meetings**

88. **Background:** In accordance with the rules of procedure, paragraph 29, the TEC shall meet at least twice a year, resources permitting. Additional meetings may be organized as necessary to enable it to discharge its responsibilities. As per paragraph 32, the TEC Chair and Vice-Chair shall, at the last meeting of the year, propose, for the approval of the TEC, a provisional schedule of meetings for the subsequent year.

89. At TEC 13, the TEC Chair and Vice-Chair will propose a provisional schedule of the TEC meetings for 2017.

90. **Expected action:** The TEC will be invited to agree on a provisional schedule of meetings for 2017.

**15. Other matters**

91. **Background:** At TEC 13, TEC members and observers will be invited to raise any other matters.

92. **Expected action:** The TEC may wish to consider any other matters raised and determine any follow-up action, as appropriate.

**16. Closure of the meeting**

93. The TEC Chair will be invited to recap the key outcomes of the meeting and close the meeting.

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<sup>3</sup> <<http://goo.gl/du4yyQ>>.