

Joint CTCN UDP Forum for National Designated Entities (NDEs) for Africa Region.

Technology mechanism and COP Decisions

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Technology in Paris Agreement

- Parties share a long term vision on **importance of fully realizing technology development and transfer** in order to improve resilience to climate change, and to reduce GHG emissions.
- **Establishment of technology framework** to provide guidance to the work of technology mechanism in promoting and facilitating enhanced action on technology development and transfer in order to support the implementation of the PA.
- Parties to the UNFCCC shall **strengthen cooperative action** on technology development and transfer.
- The **Technology Mechanism** established under the Convention **shall serve PA**.



Technology in Paris Agreement

- Accelerating, encouraging and enabling **innovation** is critical for an effective, longterm global response to climate change and promoting economic growth and sustainable development. Such effort shall be, as appropriate, supported, including by the TM and FM of the Convention, for **collaborative approaches to research and development, and facilitating access to technology**, in particular for early stages of the technology cycle, to developing country Parties.
- **Support**, including financial support, shall be provided to developing country Parties for the implementation of this Article, including for **strengthening cooperative action on technology development and transfer at different stages of the technology cycle**, with a view to achieving a balance between support for mitigation and adaptation.



Technology in the Paris Agreement

- A long-term vision on the importance of fully realizing TDT to improve resilience to climate change and to reduce GHG emissions.
- Strengthening cooperative actions on TDT.
- The TM shall serve P.A.
- The TF is established to guide the work of the TM, in promoting and facilitating enhanced action on TDT, to support the P.A.
- Accelerating, encouraging and enabling innovation
- TM and FM support for collaborative approaches to R&D, and facilitating access to technology, for early stages of the technology cycle, to developing countries.
- Support, including financial support, shall be provided to developing country Parties for the implementation of the P.A.
- The Global Stock-take builds on information on support related to TDT for developing country Parties.



Decision 1/CP.21 to support the implementation of the P.A.

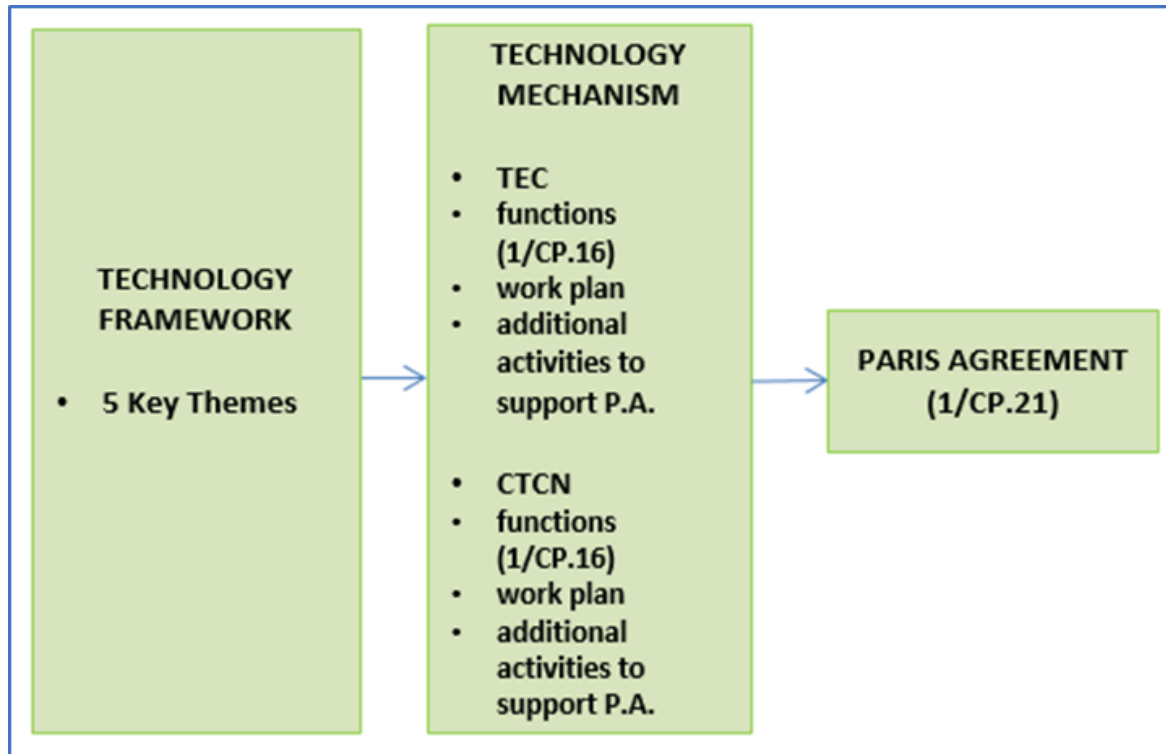
TF should facilitate:

- Undertaking and updating of TNAs, and enhanced implementation of their results, primarily TAPs and project ideas, through the preparation of bankable projects;
- Provision of enhanced financial and technical support for the implementation of results of the TNAs
- Enhancement of enabling environments for and addressing of barriers for the TDT.

TEC& CTCN further work:

- Technology RD&D
- The development and enhancement of endogenous capacities and technologies





Initial key themes for the new technology framework are:

- Innovation
- Implementation (TNAs)
- Enabling environments and capacity building
- Collaboration and stakeholder engagement
- Support



Principles for the new technology framework are:

- Coherence,
- Inclusiveness,
- Result-oriented approach,
- Transformational approach,
- Transparency,

The principles for the TF should guide the TM in implementing the Paris Agreement.



The Technology Transfer Framework (2001 – 2015)

- To develop meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention by increasing and improving the transfer of and access to environmentally sound technologies (ESTs) and know-how.
 - The framework for meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention was established in COP 7 by Decision 4/CP.7.
 - Five key themes and areas were identified:
 - **Technology needs and needs assessments**
 - Technology information
 - Enabling environments
 - Capacity-building
 - Mechanisms for technology transfer
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To operationalize Paris Agreement, the COP in its Decision 1/CP.21, (para. 67) requested the SBSTA to initiate elaboration of the **Technology Framework** which should:

- Facilitate undertaking and updating TNAs, and implement their results via bankable projects,
- Provide enhanced finance and technical support,
- Assess technologies that are ready for transfer,
- Enhance enabling environments for, and address barriers to, development and transfer of environmentally and socially sound technologies.



Ad Hoc Working Group on the P.A. (APA) and the TNA process

Agenda item 5 of APA:

Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the P.A., information on TDT support needed, and support received, by developing country Parties under Article 10.

Tech support issues include:

- a) Methodology used to track the technology transfer and capacity-building support as an element of the financial support provided,
 - b) Provision of qualitative information on technology support provided along all stages of technology cycle,
 - c) Report information and guidance to identify gaps and needs in technology development and transfer,
 - d) Description of the strategy and approach a Party has taken, to support TDT, including case studies and activities that include available qualitative and quantitative information.
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Ad Hoc Working Group on the P.A. (APA) and the TNA process

Reporting on technology development and transfer support provided should include:

- Activities that promote developing indigenous technologies,
- Accelerating, encouraging and enabling innovation,
- Undertaking RD&D,
- Facilitating simplified access to technology, in particular for early stages of the technology cycle; and building research capacity for the development of technologies,
- Technology for adaptation or mitigation with the view of achieving a balance between such supports for types of activities such as hard or soft technology transfer,
- Information on support of technology transfer and capacity building needed for activities relating to climate change through bilateral, regional, multilateral and other channels for activities relating to climate change.





Thank you

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