

Agenda item 8.b.ii.

Technology and NDCs: Draft joint key messages and recommendations to Parties on Technology and NDCs

TEC/2023/27/17 / AB2023.22.5.3

Technology Executive Committee, 27th meeting and TEC-CTCN Joint session
19-21 and 22 September 2023, Bonn, Germany



Background

- In 2021, the CMA invited the TEC and the CTCN to continue work on technology and NDCs
- In March 2022, the TEC and the CTCN agreed to update their initial joint publication
- In March 2023, the TEC and the CTCN agreed on the updated publication
- Draft joint key messages and recommendations on technology and NDCs



Draft joint key messages:

a) A growing number of developing countries are building on insights from TNAs and CTCN TA to inform the development and implementation of their NDCs and NAPs, with some countries also using their NDC and NAP processes to inform TNAs;

(b) The analysis of linkages between policy and implementation in the context of technology and NDCs found that strong linkages are needed for the effective uptake of climate technologies. In addition, fostering linkages between the technology-related aspects of the NDC and NAP processes can benefit both processes greatly, avoiding duplication of work and accelerating implementation. Effective NSIs are essential to enhancing the capacity of developing countries for the uptake of climate technologies and to incentivize innovation that can unlock potential transformative technological changes needed to meet the goals of the Paris Agreement;

(c) There are a variety of examples from different regions and country contexts where the uptake of technologies directly supports the implementation of NDCs. Examples include government-, private sector and community-driven technology solutions and showcase different approaches to overcoming technical, financial, institutional and social barriers to technology uptake, including through innovative policies and business models as well as gender-responsive and effective stakeholder engagement approaches;

(d) Lessons learned regarding the uptake of technologies include the importance of recognizing the crucial role that stakeholders play in technology planning and implementation to ensure that technology solutions are technically, economically, institutionally and socially viable. CTCN TA and bilateral assistance provided to developing country Parties can serve as an important catalyst for accessing larger amounts of climate finance to facilitate the uptake of climate technologies in support of NDC implementation

Draft joint recommendations

The TEC and the CTCN recommend that the COP and the CMA encourage Parties to stimulate the uptake of technologies in support of NDC implementation by:

- (a) Fostering gender-responsive, inclusive, participatory and equitable approaches that consider the needs, priorities, knowledge and capacities of all technology stakeholders; generate awareness of technology benefits; and foster stakeholder engagement and buy-in regarding processes and technologies. In particular, technology uptake needs to lead to a just transition that protects workers and communities, including Indigenous Peoples and women, and ensures a more socially equitable distribution of benefits and risks;
- (b) Creating local champions and disseminating success stories to showcase the local economic and social benefits of environmentally sound technologies and their contribution to NDC implementation with a view to leveraging broader financial, institutional and social support for replicating and scaling up the technologies;
- (c) Supporting market creation and expansion for prioritized technologies by putting in place enabling legal and regulatory environments and enhancing the capacities of technology stakeholders;
- (d) Supporting academia and civil society, including women, youth and Indigenous Peoples organizations, that work with local and national governments on addressing barriers to technology uptake towards the achievement of NDC targets, including by strengthening NSIs;

Draft joint recommendations

The TEC and the CTCN recommend that the COP and the CMA encourage Parties to stimulate the uptake of technologies in support of NDC implementation by:

(e) Systematically documenting and disseminating information on the policies, schemes and programmes that foster technology uptake, as well as on challenges and lessons learned in meeting NDC targets to inform future policymaking, technology prioritization and the preparation of revised NDCs and NAPs;

(f) Maximizing the potential of TNAs not only to inform revised NDCs but also to facilitate NDC implementation;

(g) Including more detailed information on technology in NDCs, for example on technology needs and support, to foster a clearer understanding of policy targets among domestic technology stakeholders, facilitate international cooperation and enable more targeted provision of support by the TEC and the CTCN, according to their respective functions, and other support providers, as appropriate;

(h) Making more use of the Technology Mechanism to carry out the above recommendations, including by using technical documents and recommendations on climate technology policies prepared by the TEC, and, in addition for developing country Parties, by actively engaging with the CTCN to benefit from its provision of technology solutions, capacity-building and advice on policy, legal and regulatory frameworks, and support for the development of technology road maps, tailored to the needs of individual country contexts.

Thank you!

