

# Updates from the TEC rolling workplan Activities and Outlook for 2026-2027

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**United Nations** Climate Change  
Technology Executive Committee

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# TEC rolling workplan 2023-2027

Part of the joint work programme of the Technology Mechanism, the TEC rolling workplan for 2023-2027 provides a framework for the TEC to deliver on its mandate in the era of implementation of the Paris Agreement

Workstream 1: NSI,  
Collaborative RD&D &  
General-Purpose  
Technologies

Workstream 2: TNAs &  
technology planning  
tools to support NDC  
implementation

Workstream 3:  
Transformative &  
innovative solutions

Workstream 4:  
Collaboration &  
engagement with other  
UNFCCC  
processes/bodies &  
other UN agencies

**Highlights from the work of the TEC on adaptation:** early warning systems, oceans, water-energy-food systems

**Highlights from the work of the TEC on mitigation:** industrial decarbonization, urban mobility, buildings and infrastructure

**Highlights from the work of the TEC on cross-cutting matters:** NSI, artificial intelligence, TNA, gender

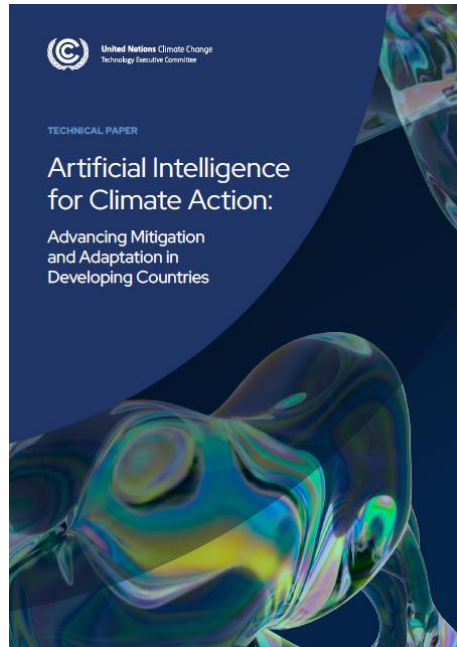
**Highlights from the work of the TEC on relevant processes under the UNFCCC:** NDC, NAP, LT-LEDS, linkage with the Financial Mechanism



# Latest TEC publications (2025)



**Policy brief:** Deploying Established Climate Technologies & Solutions for Buildings & Infrastructure



**Technical paper:** AI for climate action in developing countries – potentials for advancing mitigation & adaptation



**Sectoral guidebook** on TNA: Energy supply from renewable sources, energy storage, & energy transmission & distribution

## Other highlights:

- **Climate Technology Progress Report 2025** on bioeconomy
- **Practical guide** on TNA support
- **Key messages and policy recommendations** to Parties on buildings and infrastructure as well as on AI for climate action

+ more



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➤ [Explore more: publications](https://unfccc.int/ttclear/tec/documents.html)  
<https://unfccc.int/ttclear/tec/documents.html>

➤ [Explore technology events:](https://unfccc.int/ttclear/events/index.html)  
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# The Technology Mechanism Initiative on AI for Climate Action in 2025



AI for Climate Action Award 2025, an open-source AI competition, received 634 entries from 110 countries in 2025, providing a platform to gather, foster & promote AI solutions tailored to the needs and priorities of LDCs and SIDS. The winner, Alisa Luangrath from Lao PDR, was awarded for her AI-powered climate solution SAFIR: Smart AI-based Farming and Irrigation for Resilience.



AI for Climate Action Forum, convening almost 300 participants from around the world joining both online and in-person, provided a space of exchange and discussion on the opportunities, challenges and risks of harnessing the power of AI for combating climate change, and also shared knowledge on how to make AI solutions locally driven and globally connected.

**Other highlights:** Launch of the TEC technical paper on AI for Climate Action @ AI for Good Summit 2025, Roundtable session on AI for climate action at the UNFCCC Panama Climate Week 2025, AI Masterclass for energy systems @ COP 30



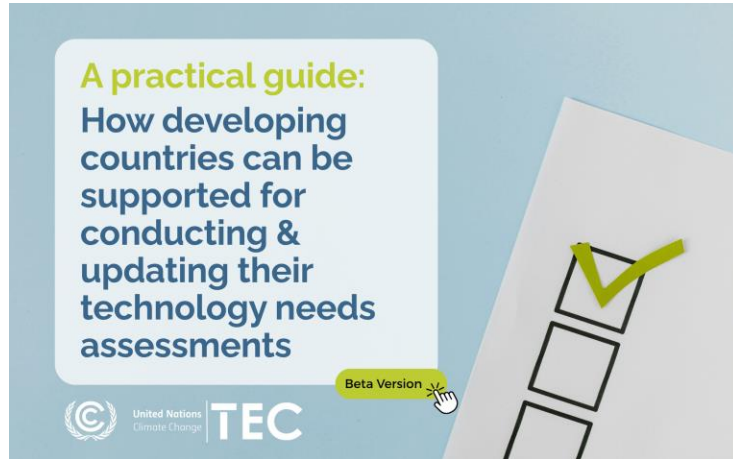
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Explore more:

[https://unfccc.int/ttclear/artificial\\_intelligence](https://unfccc.int/ttclear/artificial_intelligence)

# Latest from the work of the TEC engaging NDEs (2025-2026)



**TEC practical guide on TNA support** shared in beta version to seek feedback from potential users on its content, format and applicability.

Review period: Feb-Mar 2026



**NSI Mapping Tool** shared as a proof of concept to seek feedback with selected NDEs on its clarity, usability and relevance to national contexts. Will be shared once approved by the TEC.

## Other highlights:

- TEC engagement at all NDE forums
- Joint NDE survey with the CTCN (currently in circulation)
- Participation of NDEs in TEC events (Climate Weeks, SBs, COPs, Forums, etc.)

+ more



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Explore more:

<https://unfccc.int/ttclear/events/index.html>

# What to expect in 2026

## TEC policy and technical work

Thematic issues for the policy work of the TEC in 2026 include the following:

- Set up and implementation of NSI
- Incubators and accelerators
- Community-based early warning systems
- NDCs and digital technologies
- AI for climate action, with a focus on LDCs and SIDS
- Technology needs assessment implementation
- Leveraging data to accelerate financing for climate technologies in buildings and infrastructure
- Industrial decarbonization

## TEC responses to recent guidance from Parties

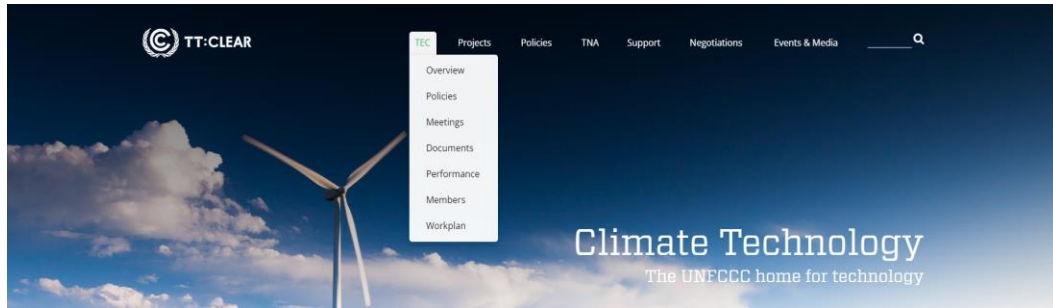
Guiding the work on the final evaluation report of the Poznan Strategic Programme on Technology Transfer (Decision 9/CP.29)

Incorporating elements of the Belém Technology Implementation Programme (TIP) in its rolling workplan (Decision -/CMA.7)

Determining the topic of the first global in-session dialogue under the Belém TIP to take place in 2027, informed by submissions by Parties and stakeholders - call for submission open on [UNFCCC submissions portal](#) until 1 July 2026



# Stay informed



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## UNFCCC website:

Follow the latest updates on technology-related matters on TT:CLEAR – publications, events, initiatives, open calls and more > <https://unfccc.int/ttclear>

## UN Climate Change Technology Group on LinkedIn:

Exchange latest updates and information with 3000+ members from the global community of climate technology  
#ClimateTech #TechnologyMechanism #TEC

> <https://www.linkedin.com/groups/14126588/>

## Mark your calendars in 2026

- 14-17 April: TEC 32 meeting
- 8-18 June: Technology events @ SBI 64
- September (TBD): TEC 33 meeting
- 9-20 November: Technology events @ COP31

# Remain engaged

- Apply the TEC policy recommendations in your context and share the results and lessons learnt, for example by sharing your practical insights and examples of work through TEC surveys and questionnaires
- Disseminate TEC's work among policy-focused actors in your institutions and networks: for example when engaging with relevant line ministries, sub-national governments, technology practitioners, communities of practice, academia, youth and innovation actors
- Engage with technology-related negotiations under the UNFCCC: during the UN Climate Change Conferences or by following online updates on TT:CLEAR and at TEC meetings
- Share examples of your work with TEC through its activities, events and dialogues: for example during the UN Climate Change Conferences and at the NDE forums
- Provide us with feedback through the NDE surveys (currently underway), and the TEC inbox all-year-round

