

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

Asia NDE Forum | 7 - 10 July 2026 | Pattaya, Thailand



United Nations Climate Change
Technology Executive Committee

Jingnan Hu
Member, Technology Executive Committee

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

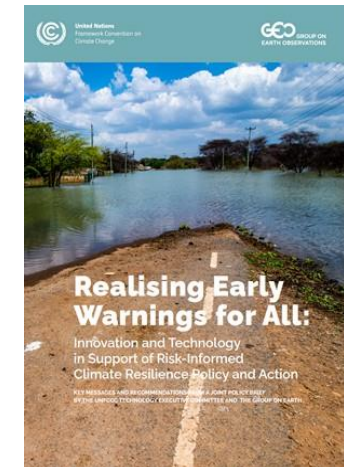
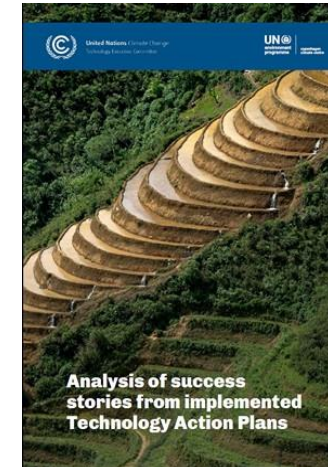
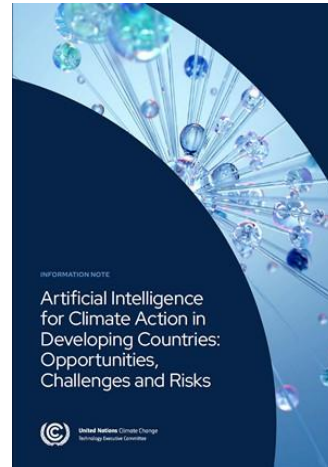
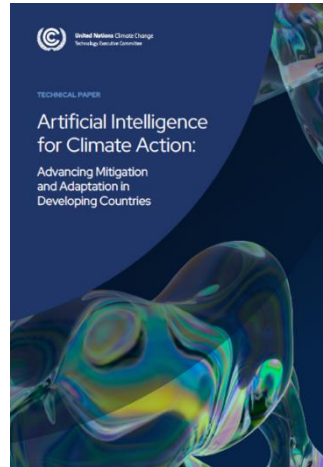
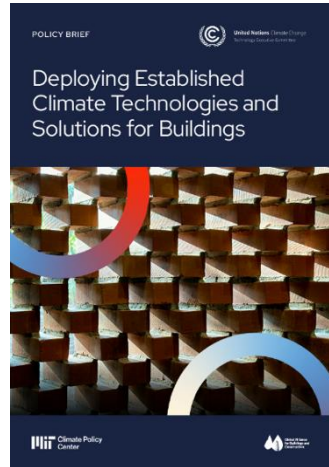
Highlights from the work of the TEC on cross-cutting matters: NSI, artificial intelligence, TNA, gender

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



United Nations Climate Change
Technology Executive Committee

Latest TEC publications



United Nations Climate Change
Technology Executive Committee

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

Latest from the TEC work: guidance on TNAs



Practical guide: How developing countries can be supported for conducting and updating their technology needs assessments



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



United Nations Climate Change
Technology Executive Committee



[Explore more: TNA guidance](https://unfccc.int/ttclear/tna/guidance.html)

<https://unfccc.int/ttclear/tna/guidance.html>

UNFCCC Technology Mechanism Initiative on AI for Climate Action



United Nations Climate Change
Technology Executive Committee



KOICA

Objective: Launched in 2023, the initiative explores opportunities, challenges and risks of AI for advancing and scaling up transformative climate action in developing countries, with a focus on LDCs and SIDS (Decisions 1/CMA.5, 14/CMA.5 and 9/CP.28).

Highlights from activities:

- Technology Mechanism AI for Climate Action Award
- Technology Mechanism AI Climate Application Hub, hosted by the Digital Public Goods Alliance
- TEC AI for Climate Action Forum
- UNFCCC COP Masterclasses on AI
- Knowledge products
- Policy recommendations



United Nations Climate Change
Technology Executive Committee



[Explore more:](https://unfccc.int/ttclear/artificial_intelligence)

https://unfccc.int/ttclear/artificial_intelligence

What to expect in 2026-2027

Thematic issues for the policy work of the TEC in 2026-2027:

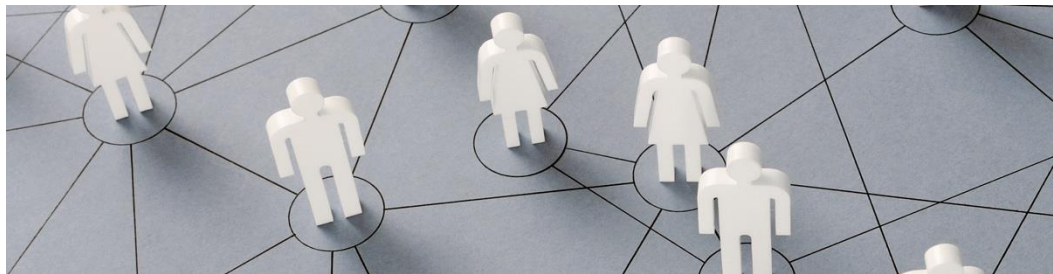
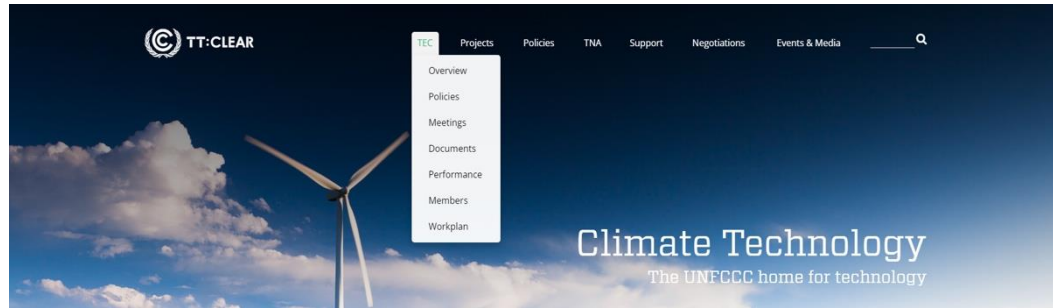
- Set up and implementation of NSI
- RD&D on energy storage
- Incubators and accelerators
- Community-based early warning systems
- NDCs and digital technologies
- AI for climate action, with a focus on LDCs and SIDS
- Support for TNA implementation
- scaling up climate technology solutions in resilient agrifood system
- Leveraging data to accelerate financing for climate technologies in buildings and infrastructure
- Industrial decarbonization

Highlights from the work of the TEC in support of the Paris Agreement:

- Incorporating elements of the Belém Technology Implementation Programme (TIP) in its current (2023-2027) and future (2028-2032) rolling workplan
- Determining the topic of the annual global in-session dialogues under the Belém TIP, informed by submissions by Parties and stakeholders
- Organizing the first global dialogue and thematically aligned regional dialogues under the Belém TIP in 2027
- TEC input to the second global stocktake



Stay informed



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

- 15-18 September: TEC 33 meeting (broadcast online)
- 9-20 November: Technology events @ COP31



United Nations Climate Change
Technology Executive Committee

Stay engaged

- 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
- 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
- Provide us with feedback through the NDE surveys; and via email to the TEC inbox all-year-round
- Share examples of your work with the TEC through its activities, events and dialogues



United Nations Climate Change
Technology Executive Committee

Contact us: tec@unfccc.int