Overview of the work of the Technology Executive Committee
Introduction

UNFCCC Technology Mechanism

Established in 2010, the Technology Mechanism is intended to enhance action on technology development and transfer to developing countries.

• Policy arm: Technology Executive Committee (TEC)

• Implementation arm: Climate Technology Centre and Network (CTCN) and its Advisory board

Find out more at: https://unfccc.int/ttclear
A new chapter in the work of the Technology Mechanism

Joint Work Programme of the Technology Mechanism 2023-2027

**Common areas of work**
- National systems of innovations
- Water-energy-food systems
- Energy systems
- Building and resilient infrastructure
- Business and industry
- Technology needs assessment

**Joint activities**
- Technology and gender
- Technology and NDC
- Technology roadmaps
- Digitalization
- Joint initiatives: #AI4ClimateAction
- Joint events and meetings
- Joint stakeholder engagement
- Joint communications and outreach
- + more

**TEC rolling workplan**

**CTCN programme of work**

National systems of innovations
Water-energy-food systems
Energy systems
Building and resilient infrastructure
Business and industry
Technology needs assessment

Technology and gender
Technology and NDC
Technology roadmaps
Digitalization
Joint initiatives: #AI4ClimateAction
Joint events and meetings
Joint stakeholder engagement
Joint communications and outreach
+ more
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 through promoting science-based and systemic approaches, bolstering transformative technology solutions, focusing on high-impact, high-potential sectors and actions and leveraging collaborative partnerships across four workstreams:

**WS1**
NSI, Collaborative RD&D & General-Purpose Technologies

**WS2**
TNAs & technology planning tools to support NDC implementation

**WS3**
Transformative & innovative solutions

**WS4**
Collaboration & engagement with other UNFCCC processes/bodies & other UN agencies

**Informed by**
- Parties’ guidance
- Mandates and functions of the TEC
- Technology Framework
- Science
- Transformative solutions
- NDCs
- Climate goals and the SDGs
- Gender-responsiveness
- Mindful of resource implications
- Pragmatic approaches
## TEC rolling workplan 2023-2027 at a glance

### WS 1: NSI, Collaborative RD&D & General-Purpose Technologies
- NSI
- RD&D needs
- Adaptation technologies: EWS
- Digitalization: AI

### WS 2: TNAs & technology planning tools to support NDC implementation
- TNA gap assessment
- LT-LEDS analysis

### WS 3: Transformative & innovative solutions
- Water-energy-food systems
- Transformative industry
- Building and infrastructure
- Ocean

### WS 4: Collaboration & engagement with other UNFCCC processes/bodies & other UN agencies
- Constituted bodies (AC, PCCB, LCIPP)
- Financial mechanism
- UNEP-CCC
- Gender

### Expected outputs/deliverables in 2023-2024
- Knowledge products & policy-related outputs
- Survey
- Thematic dialogues & events
- Engagement with potential partners

- Guidance & policy-related outputs
- Workshops
- Knowledge products

- Guidance & policy-related outputs
- Workshops
- Knowledge products

- Inputs to and participation in the work of relevant bodies/processes
- Co-development of outputs e.g. knowledge products and dialogues
2023-2024 implementation plan at a glance

16+ Activity groups, with at least two co-leads each
30+ Outputs, ranging from mapping exercises & surveys to events, dialogues, & policy-oriented knowledge products
40+ representatives of observer constituencies
20+ Partner organizations and collaborators

Highlights from 2023

- TEC-FAO dialogue on water-energy-food nexus
- Summary for policy makers on NSI
- TEC at G-STIC Rio: deep-dive on early warning systems
- Launch of the #AI4ClimateAction initiative
- Global survey on future RD&D needs
- TEC at the Regional Climate Weeks 2023
- Discussions with financial actors on TNAs
- TEC annual report 2023; recommendations to Parties on NSI and the ocean
- Global survey on future RD&D needs
- TEC at G-STIC Rio: deep-dive on early warning systems
- Launch of the #AI4ClimateAction initiative
- Global survey on future RD&D needs
- TEC at the Regional Climate Weeks 2023
- Discussions with financial actors on TNAs
- TEC annual report 2023; recommendations to Parties on NSI and the ocean

Find out more about the TEC participation in invited events and meetings in 2023 at:
https://unfccc.int/ttclear/events/participation
# 2023-2024 implementation plan at a glance

## What to expect in 2024

<table>
<thead>
<tr>
<th>Knowledge products</th>
<th>Policy recommendations</th>
<th>Analysis &amp; synthesis</th>
<th>Dialogues &amp; events</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEC-FAO: water-energy-food systems</td>
<td>TEC brief on gender-responsive urban mobility</td>
<td>Results of survey on RD&amp;D</td>
<td>Transformative industry</td>
</tr>
<tr>
<td>TEC-GEO under the Early Warning for All initiative: innovation for risk knowledge</td>
<td>Annual report of the TEC 2024</td>
<td>Analysis of success stories of implemented Technology Action Plans</td>
<td>Water-energy-food systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>#AI4ClimateAction initiative</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Green building codes and green public procurement</td>
</tr>
</tbody>
</table>

+ more…
Follow the latest updates on technology-related matters on TT:CLEAR > https://unfccc.int/ttclear

1. Learn about technology events
2. Read the TEC policy recommendations
3. Follow the TEC meetings
4. Download TEC publications and briefs
5. See the TEC rolling workplan

Join the UN Climate Change Technology Linkedin Group to share and receive latest updates and information with the global community of climate technology > https://www.linkedin.com/groups/14126588/

Engage with climate technology discussions on social media

#ClimateTech
#TechnologyMechanism
#TEC
Remain engaged

- Apply the TEC policy recommendations in your context and share the results and lessons learnt
- Disseminate TEC’s work among policy-focused actors in your institutions
- Engage with the technology-related negotiations under the UNFCCC
- Follow the TEC meetings to stay informed of its ongoing work
- Share examples of your work with TEC through its activities, events and dialogues
- Participate in TEC surveys and questionnaires to share your practical insights and examples of work
- Provide us with feedback through the NDE surveys, and the TEC inbox all-year-round

> Contact: tec@unfccc.int