



United Nations Climate Change
Technology Executive Committee

**TEC open-ended activity group members
2026-2027
version May 2026**

ID	Activity	2026	2027	TEC members	UNFCCC constituencies and partner organizations
A1	<p>NSI: A1.1. Continue the work on NSIs, building upon the TEC’s compilation of good practices and lessons learned on the setup and implementation of NSIs, and consider the following: i) The possible inclusion of examples of gender responsive practices, and ii) The findings of the IPCC AR6 Working Group III report relevant to strengthening NSI and, in particular, the policy frameworks that are effective enablers for Research & Development and Innovation, including access to funding.</p> <p>A.1.2 Building on the findings of the TEC’s work on NSIs and the TEC’s initial work on innovative financing at different stages of the technology cycle, explore ways to support country readiness and capacity building processes that seek to facilitate access to financing from climate funds for innovation and transformational impact. This could include carrying out an analysis of potential barriers that are embedded in these processes and identifying opportunities for improvement</p>	The tool and testing in pilot countries for set up and implementation of NSI.	Knowledge product	Arif Goheer	WGC - Valeria Peláez
				Pemy Gasela	RINGO - Diana Terrazas
				Kaija Vesikioja	CTCN- Woojin Han
				Dietram Oppelt	YOUNGO - John Warren
A.2.1	<p>RD&D: Building on the TEC’s work on collaborative RD&D, analyse the needs for RD&D for high-impact emission-reduction technologies to help countries implement their NDCs and other mitigation strategies, and ensure long-term environmentally sustainable energy supply. Identify ways to increase participation of developing country Parties in collaborative approaches to RD&D.</p>	Webinar on energy storage	Knowledge product on energy storage	Pemy Gasela	WGC - Anne Barre
				Dietram Oppelt	IPO - Joe Baxter Bernard
				Svenningsen Stig	CTCN-Suil Kang
				Edalmi Pinelo	YOUNGO - Marta Koch

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				Hiroko Nakamura	
				Abdulahman Alrowished	
				Arif Goheer	
A.2.2	<p>Incubators and Accelerators: Building on the TEC’s previous work on incubators and accelerators, work with Parties to promote their use and support the development of funding proposals for submission to the entities of the Financial Mechanism that incorporate incubators and accelerators and seek to build effective ecosystems for start-ups (e.g., looking at sources of funding, IPR systems and practices, industry-academia partnerships, public-private partnerships and SME engagement).</p>	<p>Knowledge product</p> <p>Key messages and recommendations</p>	<p>Event to disseminate the knowledge product</p>	Pedro Ivo Ferraz da Silva	WGC - Cathy Li
				Kaija Vesioja	RINGO - Diane Husic
				Stephen Minas	YOUNGO – Clara Brown
				Fred Onduri	BINGO - Xue Wang
					UNIDO - Haruka Yoshida
A.3.1	<p>Emerging and transformational adaptation technologies: Building on the TEC’s work on innovative approaches on adaptation technologies (Technology Day), identify and analyse emerging and transformational technologies for adaptation (e.g., early warning systems and disaster risk management), including the role of finance and the private sector in supporting their deployment.</p>	<p>Knowledge product</p>		Edalmi Pinelo	WGC - Peg Spitzer
				Arif Goheer	RINGO - Diane Husic
				Titus Ngandu	IPO - Joe Baxter Bernard
				Pemy Gasela	BINGO - Mary Stewart
				Kaija Vesioja	YOUNGO - John Warren
				Alessandra De Marco	UNIDO - Haruka Yoshida
A.4.1	<p>Digital Technologies: Explore the role of AI and applied machine learning as enablers of climate solutions. Topics which could be further explored include:</p>	<p>Knowledge product on practical means to support AI implementation for transformative climate solutions considering the impact of AI on climate change in</p>		Stephen Minas	WGC - Clara Lezziero
				Dietram Oppelt	RINGO - Fernando Barrio
				Jingnan HU	IPO - Joe Baxter Bernard

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	<p>a) Individual AI models for distinct climate challenges based on satellite imagery analysis, atmospheric analysis, and AI acoustics. b) Integration and networking techniques to connect AI data sources (climate sensors, AI model outputs, research databases, etc.). c) Cross-correlation AI models and frameworks (higher order climate analysis and modes of course correction) d) AI model and database catalogues (AI technology transfer and data access) e) AI development approaches and education, including the avoidance of bias.</p>	<p>developing countries, with a focus on LDCs and SIDS, such as an AI climate accelerator</p> <p>Inputs on AI to TEC knowledge products</p> <p>Knowledge product/event on the local development of AI-powered solutions for climate action in LDCs and SIDS, including perspectives of women, indigenous, children, youth and marginalized groups on the use of AI for climate action (e.g. link youth innovation labs to the works of the initiative)</p> <p>Policy brief on opportunities, risks and challenges of AI for climate action</p>		<p>Kaija Vesikioja</p> <p>Pemy Gasela</p> <p>Pedro Ivo Ferraz da Silva</p> <p>Alessandra De Marco</p> <p>Abdulrahman Alrowished</p> <p>Fred Onduri</p>	<p>CTCN - Valentin Rudloff</p> <p>Enterprise Neurosystem - Bill Wright</p> <p>Climate Change AI - Priya Donti</p> <p>George Washington University Environmental and Energy Management Institute - Mukes Kapalishrami</p> <p>YOUNGO - Clara Brown</p> <p>BINGO - Craig Melson</p>
B.1.1	<p>TNA: Update TNA guidance taking into account: - COP/CMA guidance; - CTCN's experience providing support for TNAs; - Results of the implementation of earlier guidance on incorporating gender in TNAs. Include considerations on how developing countries can be supported in updating their TNAs and implementing their TAPs and TNA outcomes</p>	<p>Usability testing of the practical guide, through engagement with national focal points and partners</p>	<p>Knowledge product on how developing countries can be supported in implementing their TAPs and TNA outcomes.</p>	<p>Stig Svenningsen</p> <p>Pemy Gasela</p> <p>Olena Hrypych-Maister</p> <p>Fred Onduri</p> <p>Arif Goheer</p>	<p>WGC - Valeria Peláez</p> <p>IPO - Joe Baxter Bernard</p> <p>RINGO - Rabhi Abdessalem</p> <p>BINGO - Brian Lindsay</p> <p>YOUNGO - Fiona Brown</p> <p>CTCN - Molly Sharone</p> <p>UNIDO - Haruka Yoshida</p> <p>UNEP CCC – Sara Traerup</p>

B.2.1	Long-term technological transition pathways: Building on the TEC's previous work on linkages between the TNA and NDC process and its work on technology roadmaps, identify and analyse how the TEC can support countries in the development of long-term technological transition strategies, through to the uptake of climate technologies			Pedro Ivo Ferraz da Silva	WGC- Anne Barre
				Arif Goheer	IPO - Joe Baxter Bernard
				Dietram Oppelt	BINGO - Brian Lindsay
				Pemy Gasela	YOUNGO – Marta Koch
				Jingnan Hu	
				Kaija Veskioja	
				Hiroko Nakamura	
				Omar Alcock	
C.1.1	Water-Energy-Food Systems: Building on the TEC's previous work on climate-smart agriculture, analyse knowledge gaps on the water-energy-food nexus and identify relevant adaptation technologies, including indigenous, innovative and digital technologies (e.g., early warning systems), to strengthen adaptation planning (NAPs) and NDC ambitions in the agriculture sector		Toolkit for scaling up climate technology solutions in Agrifood	Alessandra De Marco	IPO - Joe Baxter Bernard
				Arif Goheer	WGC - Latifa Seroukh
				Titus Ngandu	RINGO - Diane Husic
				Pemy Gasela	Farmers constituency - Jesse Schevel
				Omar Alcock	ENGO-DCJ – Elodie Guillon
					YOUNGO - Kaidi Ru
					BINGO - Bharadwaj Kummamuru
C.2.1	Buildings and infrastructure: Explore the use of low carbon materials in buildings, green building codes and green zoning systems that promote energy efficiency and resilience.	Knowledge product: “Leveraging Data to Accelerate Financing for Climate Technologies in Buildings and Infrastructure”. Key messages and recommendations		Pemy Gasela	WGC- Clara Lezziero
				Dietram Oppelt	RINGO - Henry Ibitolu
				Olena Hrypych-Maister	BINGO - Kenneth Xu, Nuveen
				Abdulrahman Alrowished	YOUNGO - Sifa Kinoti
C.3.1	Transformative industry: Promote low and near zero emission production and products (e.g., steel, cement) through the support of innovation, enabling environments, sustainable purchasing commitments, and financing in order to inform NDC planning and implementation	Synthesis report providing an analysis of standards for low and near zero emission production and products. Policy brief/ recommendations for the CTCN and other stakeholders.		Pedro Ivo Ferraz da Silva	WGC- Neth Dano
				Dietram Oppelt	RINGO - Rabhi Abdessalem
				Pemy Gasela	CTCN - Valentin Rudloff
				Jingnan HU	WIPO - Peter Oksen

				Olena Hrypych-Maister	BINGO - Charles Franklin
				Hiroko Nakamura	YOUNGO – Benita Clement
					Agora - Paul Muennich
					OECD - Cécile SEGUINEAUD
					OECD - Deger Saygin
					UNIDO - Haruka Yoshida
C.4.1	Innovative Ocean Climate Solutions: Building on the TEC’s previous work on innovative technological and ecosystem-based approaches to strengthening ocean and coastal adaptation, analyse the contributions of innovative solutions and technological innovations for ocean-based actions, including how technology can help address issues related to marine protected areas and achieve the SDG 14.			Alessandra De Marco	WGC - Cathy Li
				Pemy Gasela	Farmers - Kirit Shelat
				Stephen Minas	RINGO - Miriah Kelly
					YOUNGO - Alan Said Hernandez Vazquez
					BINGO - Penny Apostolaki
D.1.1	Provide inputs to the SCF on the draft guidance to the Operating Entities of the Financial Mechanism (OE FM)	Inputs to the draft guidance to OE FM.	Inputs to the draft guidance to OE FM.	Stig Svenningsen	WGC - Cathy Li
				Pemy Gasela	RNGO - Sam Stephens
					YOUNGO - Patricia Mwangelwa Longwani
					CTCN- Ariesta Ningrum
D.2.1	Participate as a member in the Adaptation Committee Taskforce on NAPs, which includes nominees from the Least Developed Countries Expert Group (LEG)	Inputs to the AC and LEG	Inputs to the AC and LEG	Pemy Gasela	WGC - Dr Demet Íntepe
				Arif Goheer	RINGO - Miriah Kelly
					YOUNGO - Charles Zander Deluna
D.3.1	Participate in the Informal Coordination Group (ICG) of the PCCB as a member and in other related activities, as appropriate	Inputs to ICG	Inputs to ICG	Pemy Gasela	WGC - Bhavya George
				Arif Goheer	RINGO - Marilyn Averill
					IPO - Joe Baxter Bernard
					YOUNGO - Anirudh Janagam
					BINGO - Henrique Schneider

D.4.1	Collaboration and engagement with the UNFCCC Gender Team on mainstreaming gender in the work of the TEC	Participation in related events and activities, as appropriate	Participation in related events and activities, as appropriate	Stephen Minas	WGC - Valeria Peláez
				Pemy Gasela	RINGO - Diana Terrazas
				Olena Hrypych-Maister	IPO - Joe Baxter Bernard
					YOUNGO - Kaidi Ru