



United Nations Climate Change

Technology Executive Committee

TEC open-ended activity group members 2025-2026 version May 2025					
ID	Activity	2025	2026	TEC members	UNFCCC constituencies and partner organizations
A1	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. 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	Concept note on the tool to identify country needs for the setup and implementation of NSI and knowledge product; Thematic dialogue at TEC 30.	The tool and testing in pilot countries for set up and implementation of NSI.	Pemy Gasela	WGC - Valeria Peláez
				Kaija Vesikioja	RINGO - Diana Terrazas
					CTCN- Woojin Han
A.2.1	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.		Knowledge product.	Pemy Gasela	WGC - Anne Barre
				Dietram Oppelt	IPO - Joe Baxter Bernard
				Svenningsen Stig	CTCN-Suil Kang
				Edalmi Pinelo	

A.2.2	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).	Engagement and consultation with potential partners to define the scope of work, inter alia, during TEC meetings, workshops, events, etc. Concept note for the knowledge product.	Knowledge product	Pedro Ivo Ferraz da Silva	WGC - Cathy Li
				Kaija Vesikioja	RINGO - Diane Husic
				Stephen Minas	YOUNGO – Clara Brown
					BINGO - Xue Wang
A.3.1	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.			Thibyan Ibrahim	WGC - Peg Spitzer
				Arif Goheer	RINGO - Diane Husic
				Titus Ngandu	IPO - Joe Baxter Bernard
				Pemy Gasela	BINGO - Mary Stewart
				Kaija Vesikioja	
				Alessandra De Marco	
				Edalmi Pinelo	
A.4.1	Digital Technologies: Explore the role of AI and applied machine learning as enablers of climate solutions. Topics which could be further explored include: 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.	Inputs on AI to TEC knowledge products; Technical paper on AI for climate action, including risks and challenges on the use of AI; Concept note on practical means to support AI implementation for transformative climate solutions considering the impact of AI on climate change in developing countries, with a focus on LDCs and SIDS, such as an AI climate accelerator. Event on AI for climate action in developing countries.	Inputs on AI to TEC knowledge products; 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); Policy brief on opportunities, risks and challenges of AI for climate action.	Stephen Minas	WGC - Clara Lezziero
				Dietram Oppelt	RINGO - Fernando Barrio
				Jingnan HU	IPO - Joe Baxter Bernard
				Kaija Vesikioja	CTCN - Valentin Rudloff
				Pemy Gasela	Enterprise Neurosystem - Bill Wright
				Pedro Ivo Ferraz da Silva	Climate Change AI - Priya Danti
				Alessandra De Marco	George Washington University Environmental and Energy Management Institute - Mukes Kaplishrami
					BINGO - Craig Melson

B.1.1	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	TNA guidebook on the energy sector, including aspects of just transition; Updated guidance based on findings of gap assessment and analysis of success stories; Knowledge product on how developing countries can be supported for conducting and updating their TNAs.		Hassan Jangavar	WGC - Valeria Peláez
				Pemy Gasela	IPO - Joe Baxter Bernard
				Stig Svenningsen	RINGO - Rabhi Abdessalem
					BINGO - Brian Lindsay
					CTCN - Molly Sharone
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
				Hassan Jangavar	
				Jingnan Hu	
				Kaija Veskioja	
				Kenichi Wada	
				Pemy Gasela	
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	Engagement with the partners through events and disseminate the work.		Thibyan Ibrahim	IPO - Joe Baxter Bernard
				Arif Goheer	WGC - Latifa Seroukh
				Titus Ngandu	RINGO - Diane Husic
				Pemy Gasela	Farmers constituency - Jesse Schevel
				Alessandra De Marco	ENGO-DCJ – Elodie Guillon
					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: “Deploying Established Climate Technologies and Solutions for Buildings and Infrastructure”.	Knowledge product: “Leveraging Data to Accelerate Financing for Climate Technologies in Buildings and Infrastructure”.	Pemy Gasela	WGC- Clara Lezziero
				Dietram Oppelt	RINGO - Henry Ibitolu
				Olena Hrypych-Maister	BINGO - Kenneth Xu, Nuveen
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 (e.g., steel, cement); Technology Day at COP 30.	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
				Kenichi Wada	BINGO - Charles Franklin
				Olena Hrypych-Maister	
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.			Thibyan Ibrahim	WGC - Cathy Li
				Pemy Gasela	Farmers - Kirit Shelat
				Stephen Minas	RINGO - Miriah Kelly
				Alessandra De Marco	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.	Thibyan Ibrahim	WGC - Cathy Li
				Pemy Gasela	RNGO - Sam Stephens
				Stig Svenningsen	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

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
					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
	TEC activity group on Monitoring and Evaluation	2024 monitoring and evaluation report on the implementation of the rolling workplan for 2023-2027	2025 monitoring and evaluation report on the implementation of the rolling workplan for 2023-2027	Stig Svenningsen	WGC - Anne Barre