

Advisory Board to the Climate Technology Centre and Network

20-25 September 2024

Twenty-fourth meeting

AB/2024/24/3.2

Report on the 23rd meeting of the Climate Technology Centre and Network Advisory Board

CTCN Advisory Board members attending the 23 rd CTCN Advisory Board Meeting	
Annie Prigge (Canada)	Stephen Minas (Greece)
Aseel Alharthi (Saudi Arabia)	Sigrid Persson (Sweden)
Christian Lohberger (Papua New Guinea)	Pedro Borges (Venezuela)
Christofer Ahlgren (European Union)	Mykhailo Chyzhenko (Ukraine)
Dietram Oppelt - Vice-Chair of the Technology Executive Committee	Lydia Elewa (Egypt)
Erwin Rose (United States of America) - Chair of the Advisory Board,	Ketevan Vardosanidze (Georgia)
Fred Machulu Onduri (Uganda) - Vice-Chair of the Advisory Board	Rajiv Garg - Secretary of the Advisory Board and CTCN Director a.i.
Halima Bawa-Bwari (Nigeria)	Mohamed Handaine (IPO)
Pan-Sik Hwang (Republic of Korea)*	Thibyan Ibrahim - Chair of the Technology Executive Committee
Ichiro Sato (Japan)	Valeria Pelaez (WGC)
Jacek Trzosowski (Poland)*	Vicky Noens (SCF)
Justin Perrettson (BINGO)	Hansol Park (Green Climate Fund)
Maria Alejandra Aguilar H (YOUNGO)	
Kazem Kashefi (Adaptation Committee)	

* Participated virtually

Day 1: Joint TEC-CTCN session (19 April 2024)**1. Welcome remarks****1.1 Remarks by UNEP**

- Welcoming remarks were delivered by Dechen Tsering, Director Ad Interim of the UNEP Climate Change Division.

1.2 Remarks by COP 28 Presidency

- Abdelaziz Harib Al Tunaiji, representing the COP 28 Presidency, delivered opening remarks and welcomed with appreciation the collaboration with the TEC and the CTCN on technology transfer and deployment initiatives.

1.3 Remarks by COP 29 Incoming Presidency

- Farid Osmanov, representing the incoming COP 29 Presidency, delivered opening remarks and expressed appreciation for the work of the outgoing COP Presidency.

2. Opening of the CTCN AB 23 meeting and joint TEC-CTCN session**2.1 Opening of the meeting by the CTCN AB Chair.**

- The Chair of the CTCN Advisory Board, Erwin Rose, opened the 23rd meeting of the CTCN Advisory Board meeting at 9:00 am Central European Summer Time on Friday 19 April 2024 in Copenhagen, Denmark.

3. Organizational matters**3.1 CTCN AB 23 meeting agenda**

- The CTCN Advisory Board adopted the agenda for the 23rd meeting of the CTCN Advisory Board as contained in document AB/2024/23/3.1.

3.2 Meeting minutes of previous CTCN Advisory Board meeting

- The CTCN Advisory Board adopted the meeting report of the 22nd CTCN Advisory Board meeting as contained in document AB/2024/23/3.2.

4. Matters related to the TEC and CTCN**4.1 Overview of the relevant outcomes related to the Technology Mechanism of the COP 28 (CMA5)**

- The CTCN Advisory Board and the TEC took note of the information presented by the UNFCCC secretariat on the main outcomes of the United Nations Climate Change Conference in the United Arab Emirates, including the first global stocktake, highlighting outcomes relevant to work under the Technology Mechanism.

4.2 Update by TEC Chair on the work of the TEC, reflections on synergies with the CTCN

4.3 Update by the CTCN AB Chair, on the work of the CTCN and reflections on synergies with the TEC

- The CTCN Advisory Board and the TEC took note of the information provided by their respective chairs on an update on the work of the TEC and CTCN since TEC 27 and since the 22nd meeting of the CTCN Advisory Board. Members discussed systematic issues arising from the work of both bodies and their implications for each other's work, including in common areas of work under the Technology Mechanism Joint Work Programme for 2023 - 2027.
- The TEC and the CTCN Advisory Board recommended that the secretariats further enhance synergies by establishing a system whereby the TEC systematically receives feedback from the CTCN on the use of TEC publications by CTCN technical assistance implementers. Additionally, they encouraged the secretariats to invite members from both bodies to participate in each other's activity groups and joint taskforces to maximize collaboration.

5. Implementation of the Joint Work Programme of the Technology Mechanism for 2023–2027

- The CTCN Advisory Board and the TEC agreed to reorganize the agenda, initiating item 5 with sub-item 5.2.

5.2 Technology Mechanism Initiative on Artificial Intelligence for Climate Action

- The TEC and the CTCN Advisory Board considered:
 - a) The draft workplan for the initiative for 2024–2027 as stated in document AB/2024/23/5.2.
 - b) The establishment of an advisory group to guide the work under the initiative.
 - c) Information on the possible establishment of a Technology Mechanism AI climate application hub.
 - d) Information on a proposed series of capacity-building workshops on AI for climate action led by the CTCN
- The TEC and the CTCN Advisory Board requested the joint taskforce on digitalization to:
 - a) Revise the draft workplan for the initiative based on comments from the meeting, including considerations on the impact of AI on climate change and ensuring youth participation in the process. TEC and Advisory Board members agreed that the workplan should be implemented as a living document.
 - b) Implement the initiative without establishing an advisory group, instead

drawing on the expertise of members of the joint taskforce.

- c) Proceed with the establishment of a Technology Mechanism AI Climate Application Hub to serve as the repository of AI-powered open-source climate applications, including solutions identified through the AI Innovation Grand Challenge.
- d) Consider activities on AI for climate action that are inclusive of youth, elderly, women, and Indigenous Peoples.
- Some members highlighted the AI Initiative's potential for resource mobilization and suggested incorporating AI into the upcoming edition of the CTCN Youth Climate Innovation Programme. They also stressed the importance of ensuring that technical assistance projects remain aligned with the CTCN's mandate.
- The CTCN Advisory Board and the TEC acknowledged the resource and capacity constraints of CTCN and TEC secretariats, including in relation to coordinating and managing activities under the workplan for the initiative, and agreed that undertaking activities are subject to the availability of resources.

5.1 Digitalization

- The CTCN Advisory Board and the TEC took note of the update presented by the CTCN secretariat on the process of revising the draft concept notes on green technology databases and distributed ledgers respectively and the presentation by WIPO on the WIPO GREEN database.
- The CTCN Advisory Board and the TEC agreed to continue working with WIPO on green technology databases.
- The CTCN Advisory Board and the TEC also invited the secretariat to present, at the next joint session, the results of the Local Communities and Indigenous Peoples Platform multi-stakeholder dialogue on transformative technologies for climate action, organized in collaboration with the TEC and held in December 2023.
- The CTCN Advisory Board and the TEC agreed to merge their task forces on digitalization and AI to guide the joint activities of the TEC and the CTCN in those areas.

5.3 Gender and technology

- The CTCN Advisory Board and the TEC took note of the information provided by the CTCN secretariat on progress in developing the gender and climate technology expert roster, including on a new platform for hosting the roster, initial user statistics, and upcoming communication and outreach activities.
- The CTCN Advisory Board and the TEC took note of a presentation by the women and gender constituency on integrating gender perspectives into technology needs assessments, emphasizing the need for gender-responsive approaches.
- The CTCN Advisory Board and the TEC requested the CTCN secretariat to include data disaggregated by age group in the gender roster, and also requested amendments to the call for experts, highlighting the call for gender and technology

experts. They also proposed amendments to the Roster description, emphasizing the inclusion of female climate experts and gender experts.

5.4 Collaboration for Resource Mobilization and Partnerships to support implementation of the Joint Work Programme

- The CTCN Advisory Board and the TEC welcomed the information provided by the secretariats on their collaborative efforts to mobilize resources to support implementation of the joint work programme of the Technology Mechanism for 2024–2027, including the launch of the joint call for partnerships to support the acceleration of technology development and transfer through the joint work programme of the Technology Mechanism, through the UNFCCC partnerships page¹.
- The CTCN Advisory Board and the TEC asked that the secretariats pursue ongoing discussions on potential joint partnerships, noting that the TEC is not a legal entity in its own right and that its mandate does not encompass resource mobilization.
- The CTCN Advisory Board and the TEC encouraged their members, as well as Network members and observers, to support these joint resource mobilization efforts by disseminating information on the joint call for partnerships.

6. Monitoring and Evaluation

6.1 Presentation on the NDE survey

- The CTCN Advisory Board and the TEC considered the information presented by the CTCN secretariat on the planned biennial Technology Mechanism survey for National Designated Entities (NDEs) and requested the secretariats disseminate the NDE survey and report on the survey results at the next joint session

6.2 Joint monitoring and evaluation indicators for the joint work

- The CTCN Advisory Board and the TEC considered an analysis of the monitoring and evaluation systems of the two bodies and an overall analysis of the joint monitoring and evaluation indicators for the joint work of the two bodies with the aim of satisfying the existing reporting requirements.
- The CTCN Advisory Board and the TEC agreed to operational-level indicators and requested the joint activity group continue its work on the joint reporting requirements to inform the discussion on gaps in the monitoring and evaluation system, considering the Technology Mechanism as a whole, as well as elaborate impact related indicators.

7. Date and venue of the next meeting

- The CTCN Advisory Board and the TEC took note of the dates of TEC 29 and the 24th meeting of the CTCN Advisory Board, which are tentatively scheduled to take place between the 17th – 19th September for TEC29, the 20th of September

¹ Available [here](#)

for the joint TEC-CTCN session and between the 23rd – 25th September for the 24th meeting of the CTCN Advisory Board meeting, in Bonn, Germany.

- The CTCN Advisory Board and the TEC requested the TEC and CTCN secretariats to avoid, to the extent possible, holding the meetings at the same time as Climate Week NYC.

8. Other matters

- The CTCN Advisory Board and the TEC took note of a presentation by the UN Global Innovation Hub on potential collaboration with the Technology Mechanism, as per para 14 of Decision 19/CMA.4. The two bodies took note of an invitation by the hub to contribute to work on AI for climate action, including risks and challenges, and proposed a side event at COP 29 to showcase successful TAP implementation as well as the co-organizing of a thematic dialogue at COP 29 on innovative green building and infrastructure technologies, as well as the finance needed for their scale-up and deployment.
- The CTCN Advisory Board and the TEC requested the secretariats to continue coordinating on this matter and report back at the next joint session with clearer solutions to address members' concerns.

9. Closure of TEC28 and joint TEC-CTCN session

- The TEC Chair closed the meeting at 6 p.m. Central European Summer Time on Friday, 19 April 2024.

Day 2: CTCN AB23 (22 April 2024)

10. Welcome remarks by the CTCN Advisory Board Chair

- The Chair of the CTCN Advisory Board opened the meeting and welcomed participants to the second day of the twenty-third meeting of the CTCN Advisory Board.

11. Remarks by the Danish Ministry of Affairs

- Morten Blomqvist, representing the Danish Ministry of Foreign Affairs, delivered remarks on the importance of adopting a people-centric approach in supporting the development, transfer, and implementation of impactful and innovative climate technologies for developing countries.

12. Remarks by the CTCN host institution

- Dechen Tsering, Director Ad Interim of the Climate Change Division at UNEP, delivered remarks and emphasized the important role of the CTCN in addressing key challenges of the climate crisis and reaffirmed UNEP's commitment to supporting the CTCN.

13. Remarks by the UAE COP 28 Presidency

- Abdelaziz Harib Al Tunajji, representing the UAE COP 28 Presidency, delivered

remarks highlighting key outcomes of technology at COP 28 and noting that the Technology Mechanism's joint work programme supported technology-driven initiatives showcased at COP 28.

14. Remarks by the incoming Azerbaijan COP 29 Presidency

- Mr. Farid Osmanov, representing the incoming Azerbaijan COP 29 Presidency, delivered remarks and highlighted that COP29 will focus on engaging all international partners in the climate ecosystem, emphasizing also the role of technology as a key enabler for climate action and achieving tangible results.

15. Membership matters

15.1 Introduction of new Advisory Board members

- The Chair of the Advisory Board welcomed new Advisory Board members: Aseel Alharthi (Saudi Arabia); Lydia Elewa (Egypt) Thibyan Ibrahim (TEC Chair); Dietram Oppelt (TEC Vice-Chair); Maria Alejandra Aguilar (YOUNGO) and Valeria Pelaez Cardona (WGC). New members introduced themselves.

16. Report by the CTCN Director

16.1 Presentation on the CTCN's Activities in 2023

- The CTCN Advisory Board welcomed the secretariat's presentation which provided an update on the CTCN's activities over the past year, carried out under the implementation of the CTCN's third Programme of Work.
- The CTCN Advisory Board took note of the oral intervention by Ketevan Vardosanidze, representing the Non-Annex 1 Advisory Board members, who summarized the discussions from the Non-Annex 1 constituency meeting held earlier that morning.
- The CTCN Advisory Board agreed to continue the practice of allocating time for constituency meetings in the mornings of future Advisory Board meetings.

16.2 Presentation of the CTCN Organizational Chart

- The CTCN Advisory Board took note of a presentation from the secretariat of the CTCN's organizational chart.

17. CTCN Financial Matters

17.1 Presentation of the CTCN's 2023 Certified Accounts

- The CTCN Advisory Board took note of a presentation by UNEP on the CTCN's financial statement for 2023. The Advisory Board endorsed the certified CTCN Financial Statement for 2023 as outlined in document AB/2024/23/17.1.

17.2 Update on CTCN Finances

- The CTCN Advisory Board took note of a presentation by UNEP on a forward-

looking update on the status of funding available to support CTCN's activities.

18. Coordination with other UNFCCC Constituted Bodies

Technology Executive Committee

- Thibyan Ibrahim, TEC Chair, noted the existing collaboration between the CTCN and the TEC on early warning systems and water-energy-food nexus, and invited the CTCN to contribute to the TEC's work on green buildings and AI activities.

Adaptation Committee

- Kazem Kashefi, from the Adaptation Committee, provided an update on the implementation of the Adaptation Committee's flexible workplan and noted the establishment of the State of Adaptation Action by Parties interactive portal of country profiles, which will include a section on technology development and transfer.

Standing Committee on Finance

- Vicky Noens, from the Standing Committee on Finance (SCF), provided an update on the SCF's recent activities, including the development of key technical reports, including a report covering the 6th biennial assessment, an overview of climate finance flows, a report on the categorization of climate finance definitions, and a report on financing for just transitions.

The Green Climate Fund (GCF)

- Hansol Park, representing the Green Climate Fund (GCF) secretariat, provided an overview of GCF support as detailed in the GCF report to the COP, highlighting the approval of 80 climate technology-focused readiness and noting that 75% of all projects had at least one technology component. He also outlined ongoing activities aimed at enhancing synergy between the Technology Mechanism and the Financial Mechanism.

Paris Committee on Capacity Building (PCCB)

- Alejandro Kilpatrick, team lead at the capacity building sub-division at the UNFCCC secretariat provided an update on the work of the PCCB, on behalf of the co-chairs of the Committee. He highlighted the contribution of CTCN to developing practical resources on capacity building disseminated to UNFCCC focal points and outlined opportunities for collaboration, including as part of the PCCB's efforts on capacity building to support NAP implementation and the identification of capacity-building support provided for NDC preparation and development.

Day 3: CTCN AB23 (23 April 2024)**19. Overview of COP 28 guidance**

- The CTCN Advisory Board agreed to remove this item from the agenda as it was already covered during the joint session.

20. Enhancing the role of NDEs**20.1 Strengthening NDEs role in developing countries**

- The CTCN Advisory Board considered a presentation by the secretariat outlining a proposed approach for providing logistical support to National Designated Entities (NDEs), including the creation of a template for submitting logistical support requests, while noting the resource implications of implementing this approach.
- The CTCN Advisory Board also took note of information provided on new mandatory activities in the implementation of technical assistance aimed at further engaging NDEs in the monitoring of technical assistance.
- The CTCN Advisory Board provided guidance on revisions to the template, emphasizing the prioritization of requests from LDCs and SIDS, as well as ensuring geographical balance and a balance between NDEs. The Board requested the secretariat to operationalize the new modality.

20.2 Post-implementation follow up of technical assistance delivered

- The CTCN Advisory Board considered the presentation by the secretariat on a proposed approach for post-implementation follow up of delivered technical assistance to be initiated in 2025, including the use of a standardized template.
- The CTCN Advisory Board provided guidance on revising the template, recommending the inclusion of considerations of co-benefits such as youth engagement; gender considerations; and impacts on indigenous peoples.

21. Taskforce on Prioritization Criteria for Technical Assistance

- The CTCN Advisory Board took note of a presentation by the secretariat on the inter-sessional work of the CTCN taskforce on the prioritization criteria and the proposed prioritization criteria.
- The CTCN Advisory Board discussed the criteria, and after reviewing a revised document that incorporated feedback from Board members, endorsed the new prioritization criteria as per document AB/2024/23/21.

22. Update on Implementing the Resource Mobilization and Partnership Strategy

- The CTCN Advisory Board took note of the information provided by the secretariat on progress in implementing the CTCN Resource Mobilization and Partnership Strategy for 2023-2027, as well as the inter-sessional work of the Advisory Board taskforce on resource mobilization.
- The CTCN Advisory Board requested the secretariat to provide a package to

assist Advisory Board members in raising awareness of the CTCN and actively supporting resource mobilization efforts. resources for the CTCN. The Advisory Board further recommended that the secretariat gather information on Advisory Board members' participation in major events to enhance CTCN resource mobilization and awareness during those occasions.

23. Programme of Work implementation

23.1 Key concept notes for technical assistance for transformative areas as per CTCN PoW

- The CTCN Advisory Board took note of the information presented by the secretariat regarding concept notes for technical assistance programmes in transformative areas aligned with the CTCN's Programme of Work, which were based on countries' expressed interests and included a proposed budget for implementation.
- The CTCN Advisory Board members noted recommendations to incorporate gender considerations into the concept notes, as well as interventions by the TEC Vice-Chair suggesting collaboration on policy papers related to industrial sectors, as well as an intervention from the WIPO representative to review the WIPO Green Technology Book that references the technologies presented in the concept notes.

23.2 Looking back, sharing experience on technical assistance implementation

- The CTCN Advisory Board took note of and welcomed the presentations made by National Designated Entities and Implementing Partners on various technical assistance projects. These included Mr. Abdul Hamid (Bangladesh) on a sustainable mobility project in Greater Dhaka, Bangladesh; Mr. Miguel Trillo (OIKO) on the climate-smart municipalities project in Togo; Mr. Joseph Amankwa Baffoe (Ghana) on a solar irrigation technology project in Ghana; and Mr. George Woolhouse (HR Wallingford) on a groundwater monitoring project in Belize.

Day 4: CTCN AB23 (24 April 2024)

23. Programme of Work implementation (continued)

23.3 CTCN programmes in the pipeline

- The CTCN Advisory Board took note of information presented by the secretariat regarding CTCN programmes in the pipeline including the second phase of the Adaptation Fund Climate Innovation Accelerator programme, the Climate Change and Security programme for Innovative Community-based Climate Technology for Communities at Risks of Conflicts funded by the European Commission and the second edition of the Youth Climate Innovation Labs.
- The CTCN Advisory Board requested that the Secretariat organize a dedicated

session during the 24th or a subsequent meeting of the Advisory Board to discuss the implementation of the CTCN's Climate and Security Programme, funded by the European Commission.

24. Knowledge Transfer, Capacity Building and RD&D

- The CTCN Advisory Board took note of information provided by the secretariat regarding the CTCN's planned events, webinars; capacity building programmes and work on Collaborative Research and Development and Demonstration (RD&D).
- The CTCN Advisory Board welcomed the development of the Collaborative RD&D strategy under development and the TEC Chair extended an invitation to link the CTCN's efforts in this area with the TEC's RD&D initiatives.

25. Knowledge Sharing Session: Digitalization

- The CTCN Advisory Board took note of the update by the secretariat on its work related to digitalization, and the presentations made by representatives of UNEP, the World Bank, and GIZ on their respective digital transformation and Artificial Intelligence initiatives for climate action.
- The CTCN Advisory Board also took note of the information provided by representatives of George Washington University regarding the ongoing development of a national digitalization readiness index for energy systems, in collaboration with the CTCN.
- CTCN Advisory Board members requested that the secretariat continue exploring potential linkages with UNEP's digital accelerator.
- The TEC Chair highlighted opportunities for collaboration between the TEC, the CTCN and partners on this theme, including the potential for joint capacity building activities and coordination between TEC's work on energy TNAs with the energy digital readiness index.

26. Monitoring and Evaluation

- The CTCN Advisory Board considered the information provided by the secretariat on reporting against indicators as outlined in the Annual Operating Plan report for 2023 in document AB/2024/23/16.1.
- The CTCN Advisory Board welcomed efforts by the secretariat and emphasized the importance of tracking disaggregated gender data in line with the updated Gender Action Plan, as well as ensuring the quality assurance of mitigation and adaptation impact indicators.

27. CTCN Gender Work Plan and Updates

- The CTCN Advisory Board considered the information provided by the secretariat regarding the draft Gender Work Plan for 2024 as detailed in document AB/2024/23/27.
- The CTCN Advisory Board provided guidance to the secretariat to refine and incorporate greater details before finalizing the work plan.

28. Presentation of CTCN Communications and Visibility Strategy

- The CTCN Advisory Board took note of the information provided by the secretariat on the new Communications and Visibility Strategy and welcomed further efforts to keep Advisory Board members informed of upcoming CTCN events to help enhance the visibility of the CTCN.

29. Other Matters

30. Advisory Board Administrative Matters

30.1 Election of new Chair and Vice-Chair

- The CTCN Advisory Board elected Fred Machuli Onduri (Uganda) as Chair and Stephan Minas (Greece) as Vice-Chair of the CTCN Advisory Board.

30.2 Structure of AB forces

- The CTCN Advisory Board reviewed the composition of the existing taskforces and recommended maintaining the taskforce on resource mobilization while dissolving the taskforce on prioritization criteria.

31. Closure of the 23rd CTCN Advisory Board meeting

- The CTCN Advisory Board Chair closed the meeting on Wednesday, 24 April 2024 at 16:30 Central European Summer Time.