

UN CTCN Partnership and Liaison Office 2025 Regional Capacity Building Program: Africa

Summary Note

Climate Technology and Climate Finance

Date & Venue: 23-25 July 2025, UN Campus, Nairobi

Hosting country: Kenya

Background and purpose: As noted in paragraph 9 of decision 14/CMA.5, adopted at COP28, the insufficient transfer and deployment of technology in developing countries underscores the need for synergistic action among key stakeholders in climate technology and finance. Achieving Technology Readiness Levels (TRLs) 7 to 9 is crucial for continuous incremental improvements in climate technologies, which require substantial investment for commercialization and large-scale deployment.

At COP29, Parties agreed on a revised climate finance target under the New Collective Quantified Goal (NCQG)¹, aiming to mobilize at least \$1.3 trillion per year by 2030. Additionally, the Triple Agenda adopted by the G20 Multilateral Development Banks (MDBs) highlights the role of larger MDBs in mobilizing financial resources. Section IV of the agenda calls for MDBs to triple their sustainable annual commitments to around \$390 billion, with \$300 billion allocated to non-concessional lending, ensuring that developing countries have access to affordable finance.

In response to the Africa NDEs' need to overcome financial challenges, this program has been developed to facilitate communication between the NDEs and prospective funding entities regarding ongoing climate projects.

Participants: 44 NDEs and their representatives participated (see Annex I for a full list and III for group photos). The program engaged 9 financial entities/MDBs/future donors and 4 key local, regional, and global emerging network members (see Annex II for the detailed agenda).

Approaches and activities: Centring system-thinking and multi-stakeholder engagement, three key activities were planned to achieve the following objectives:

¹ This replaces the \$100 billion annual climate finance goal, which is set to expire in 2025, and emphasizes the importance of transparent, equitable finance flows that align with the needs of developing countries.

1. **Enhance understanding of climate finance architecture** and key actors, including international, regional, and private sector financing entities.
2. **Strengthen NDEs' ability to link climate technologies with financing mechanisms**, using real-world case studies and interactive project design exercises.
3. **Build capacity to evaluate and improve technical assistance (TA) requests**, with a focus on stakeholder engagement, financial scale-up, and social return on investment.

A five-step co-creation process was applied using three sequential methods: information distribution, field visit, and participatory. Detailed steps taken are available from page 3 onwards.

Actionable follow-up items:

For NDEs:

- Consider applying a climate narrative and ToC in future TA requests
- Practice stakeholder matrix, consider Modality 1 logistical support scheme
- Revisit SROI

For Network members (prospective and existing):

- Join CTC Network membership
- Follow up with TA ideas generated, in close consultation with NDEs

For CTCN:

- Follow-up on multi-country projects ideated through participatory sessions
- Develop a capacity-building program for national stakeholder engagement in Africa
- Invite prospective network members to the CTC Network membership
- Consider enhancing Network members' capacity on project implementation and coordination

Methodology: 5-step co-creation process

Table 1 illustrates all sub-activities and expected outputs of the process undertaken.

Table 1

Process	Methods Applied	Program Activities	Outputs	
1. Planning	Co-creating scalable climate technology TA projects	Segmentation	Identification of potential groups with similar sectoral/technological needs and emerging technologies from the region	
2. Sensitizing		Thought-provoking	1 panel discussion amongst regional FIs/MDBs	Introduction to CTCN-GCF scaled up project, ongoing multi-country TA status, concept of impact, modalities for financing, and emerging technologies from the region
3. Facilitating		Information distribution	16 presentations, Karura forest visit	
4. Engaging		Participatory sessions	Workshop on Climate Narrative and ToC	Identification of common needs, problems, and potential technological/partnership solutions with amongst NDEs through three sequential activities of developing climate narrative, applying ToC for problem tree, and converting climate narrative into ToC for solution tree
			Workshop on Segmentation and Stakeholder matrix	Learning the concept of segmentation, stakeholder matrix into practice by voting for strong support amongst key stakeholders
			Workshop on social return on investment	Understand the concept of SROI and potential of communicating SROI in the context of climate finance and technology
			Bilateral with countries	Reconfirmation and prioritization of ideas discuss
5. Analyzing	Evaluation	Post-program engagement	Analyses of insights gathered from NDEs and follow-up on the bilateral results	

Step 1. Planning: The key to this step was preparing materials and resources for the upcoming steps. In the planning stage, CTCN reviewed Technology Needs Assessments (TNA) and Technology Action Plans (TAP) in Africa and analysed current TAs against confirmed NDEs to segment the groups by their climate priorities. Also, conducted analysis on Network members from the region to understand the level of readiness for scalable TA implementation. For the participatory sessions, slides, Workbook (French and English versions), coloured papers, pens, sticky notes, and sticky dots were prepared.

Segmenting NDEs by climate priorities

In the retrospective analysis of Africa countries² TNA and TAP, two sectors and related technologies were identified as the most challenging sectors, requiring the largest financial investments to establish and/or enhance existing enabling environments:

² SIDS specific: Angola, Burundi, Central African Republic, Chad, Comoros, Congo (Republic of the), Democratic Republic of the Congo (DRC), Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Niger, Rwanda, São Tomé and Príncipe, Senegal, Sierra Leone, Somalia, South Sudan, Sudan, Togo, Uganda, Zambia, Zimbabwe

1. Agriculture: Drip irrigation systems, Crop diversification and new varieties, Rainwater harvesting
2. Energy: Wind turbine, Micro hydropower, Solar photovoltaic technology/pumping

As the TNAs and TAPs used in this analysis were published between 2011-2022, it is required to verify the applicability of these needs assessed to the current context each country faces. With this in mind, three sequential participatory sessions were developed within the program to ensure the relevance and alignment of the identified needs with current national priorities, challenges, and evolving sectoral contexts.

A week before the program, CTCN internally reviewed the TAs under implementation and randomly assigned 44 confirmed NDEs into 4 groups (Table 2).

Table 2 Groups for participatory sessions

Group	Countries	Language and theme
A	Algeria, Burkina Faso, Burundi, Cameroon, Central African, Republic Chad, Madagascar, Niger, Senegal, Burkina Faso	French, Water-Energy-Food nexus
B	Equatorial, Guinea, Guinea-Bissau, Guinea- Conarkry, Congo (Kinshasa), Togo, Tunisia, Comoros, Côte d'Ivoire, Djibouti, Egypt,	French, Buildings and Infrastructure
C	Botswana, Eswatini, Gambia, Ghana, Kenya, Lesotho, Liberia, Mauritius, Malawi, Mozambique, Namibia, Nigeria	English, Water-Energy-Food nexus
D	Seychelles, Sudan, Sierra Leone, Somalia, South Africa, South Sudan, Tanzania, Uganda, Zambia, Zimbabwe, Uganda, South Africa, Liberia, Nigeria	English, Buildings and Infrastructure

Understanding the level of readiness for regional Network members to implement scalable TAs

In previous joint TM meetings and COP, regional representatives emphasised the potential for the region to lead a South-South collaboration on climate technology. CTCN has its Centre for Excellence in Collaborative Research, Development, and Demonstration (cRD&D) in Songdo, ROK (i.e., Partnership and Liaison Office), to support cRD&D activities to create an enabling environment for climate technology transfer and innovation. Thus, CTC Network analysis, combining three datasets, was conducted to understand the region's readily available scalable technologies for cRD&D facilitation.

Of 917 CTC Network members, 183 are registered as regional members³. From the CTCN's Youth Climate Innovation (YCI) Programme, 8 prospective network members⁴ are developing their climate technologies from the region. The existing members' technology readiness level (TRL) varied from 3-5, potential for CTCN's regional cRD&D facilitation

³ https://www.ctc-n.org/networking-and-collaboration/network?%2Fnetworking-and-collaboration%2Fnetwork=&f%5B0%5D=network_members.country_ref.region_facets%3A14982

⁴ <https://www.youthclimateinnovation.com/startups>

efforts to focus on commercialisation over research development and/or demonstration for market creation.

Taking this into consideration, a session on matchmaking with prospective Network members was developed. Three weeks before the program, we invited three YCI winners (i.e. MkulimaScore360, Msafara Global, Footprints Intelligence) from the region to present their solutions to NDEs within 5-10 minutes.

Step 2. Sensitizing: The key to this second step was to familiarise NDEs with the approaches financing entities/MDBs have been taking to support climate project development. We prepared one thought-provoking session, inviting 5 panels to 'Global Movement Towards Climate Projects in Finance – Africa' from Adaptation Fund, Green Climate Fund, BOAD, Kenya Commercial Bank, and Management Executive (see Figure 3) to exchange their thoughts on the following questions:

Q1: What are some of the action points and changes in Financial Institutions that need to happen to better serve the clients and beneficiaries?

Q2: What other types of financing approaches have proven most effective in reaching local actors and address context-specific adaptation needs – especially in ways that are scalable and replicable beyond the initial project area?

Q3: How can innovative financial mechanisms like debt swaps be applicable in the region in Africa? And how can we best coordinate between the various local players to strengthen and unlock these transformative investments?

Q4: What is effectively working when it comes to climate finance in Africa? Where do you see room for improvement, particularly in terms of the financial instruments being used? How do we need to think differently about investing in sustainable development versus climate-specific priorities?

Each panellist had approximately 7 minutes to share their perspective. The discussion highlighted the following information and viewpoints:

- Emphasis on the need for concessionality, the benefits of having these gift elements in increasing the overall efficiency of the projects.
- Emphasis on inclusive finance through technology, mainstreaming digitalization to ease collateral and scale customer access.
- Importance of collaborative sources of finance, specifically issues with guarantees for technology innovation (i.e. Insurance).
- Importance of capacity-building of financing entities.
- Information on differentiating between investing in sustainable development projects and climate-specific projects



Figure 1 Panel discussion

Step 3 Facilitating: As part of this step, 16 lecture presentations were delivered, focusing on topics such as the CTCN-GCF scaled-up project; financing models of the EU, GCF, and World Bank; roles and responsibilities in finance; insurance solutions; philanthropic funding windows; concepts of impact and social return on investment; regional and global cases of technology-to-finance in the sustainability sector; tools and techniques for stakeholder engagement; and approaches to handling assumptions in large projects. The series of lecture presentations can be revisited here: <https://www.ctc-n.org/whats-happening/events/2025-joint-programme-nde-forum-and-capacity-building-climate-technology-0>

Specific to Day 1, NDEs were introduced to various financing entities and learned about their current status, challenges, and future plans. They also hiked to the waterfalls in Karura, experiencing a real-life example of what a climate project can achieve in the context of forest reserve restoration.



Step 4 Engaging: To strengthen the capacity of NDEs in reconfirming their needs, we engaged them in three sequential sessions. Each session focused on conveying key concepts that are both universal and critical for supporting NDEs in their direct conversations with immediate stakeholders regarding potential multi-country TA projects.

Session A. Project development phase – Climate Narrative and Theory of Change (ToC)

Three sub-activities were facilitated, namely, brainstorming elements of the climate narrative, arranging elements into a problem tree, and rearranging elements into a solution tree.

Sub-activity 1. Brainstorming elements of the climate narrative

For 60 minutes, the grouped NDEs worked on identifying a single climate problem to focus on and ideated around its drivers, gaps, barriers, and potential actions to address it (see Figure 2). The coloured papers were used to facilitate the brainstorming of each climate narrative element.



Figure 2 Session A - Sub-activity 1. Climate Narrative Elements (clockwise, Group A-D)

Sub-activity 2. Arranging elements into a problem tree

For 30 minutes, the grouped NDEs arranged identified elements into the order of a problem tree, focusing on 'scoping'. In this phase, each group collectively discarded the elements that are outside the scope of CTCN TA and reassured that the alignment of elements remained (see Figure 3).



Figure 3 Session A - Sub-activity 2. Process of arranging climate narrative elements into a problem tree

Sub-activity 3. Rearranging elements into a solution tree

For 20 minutes, the grouped NDEs rearranged elements into the structure of a solution tree, with an emphasis on adding a 'positive tone.' During this phase, each group intentionally re-framed the elements within the categories of a theory of change and ensured that the alignment of elements supported the ideation of a climate narrative-driven TA. (see Figure 4). After this activity, representatives from each group were invited to provide a summary of the key discussion points to the entire room.



Figure 4 Session A - Sub-activity 3. Presenting solution trees

Session B. Project implementation phase – Segmentation and stakeholder matrix

Two sub-activities were facilitated: first, to introduce the concepts of segmentation and the stakeholder matrix; and second, to provide NDEs with time to reflect on how their roles evolve throughout the project cycle.

Sub-activity 4. Identifying segments for the project

For each group, a stakeholder board was prepared with the actions (i.e., activities in the Theory of Change) identified during Session A on the left, and four segment categories—government, industry, consumer, and institution—across the top. Over 60 minutes, NDEs identified various stakeholders on sticky notes and mapped them onto the board, highlighting their connection to the project’s activities (see left photos of Figure 5). Finally, each participant was invited to cast one vote for the segment or stakeholder they believed would provide the strongest support to the potential project (see right photos of Figure 5).



Figure 5 Session B - Sub-activity 4. Stakeholder board

Sub-activity 5. Reviewing response plan – In-country stakeholder list

Two thematic mock-up response plans were prepared for this exercise, and printed within the workbook distributed to each NDEs. It was designed as an individual activity, enabling NDEs to review the in-country stakeholder lists of the TA response plans using the lenses

of segmentation and the stakeholder matrix. However, due to time constraints, this activity was not conducted.

Session C. Project follow-up - Communicating impact via Social Return on Investment

Two sub-activities were prepared: first, to introduce the concepts of social return on investment (SROI); and second, to provide NDEs with time to reflect on how their roles evolve throughout the project cycle.

Sub-activities 6-7. Understanding SROI formula and drafting an email for NDE team using SROI
Introduced by a CTC Network member, NDEs were introduced to the concept of SROI through a practical example. The exercise was originally designed to replicate this example and draft a professional email template that their NDE teams could use to communicate project impacts for potential scale-up, applying the SROI formula. However, instead of proceeding with the exercise, participants deepened their understanding of the concept through a Q&A session with the Network member (Figure 6). As a result, the two planned individual activities were left for NDEs to complete as post-program learning by revisiting the workbook.



Figure 6 Session C - Interactive presentation on SROI

This session closed with one presentation on ways to handle assumptions in large-scale projects to ensure the climate integrity at the core of project scale-up.

Annex IX presents original outputs of each session.

ANNEX I - Participant List

Type	Name	Affiliation / Country
NDE	Abdelfettah MESRANE	Algeria
NDE	Innocent Basupi	Botswana
NDE	Pamoussa OUEDRAOGO	Burkina Faso
NDE	Astere Nindamutsa	Burundi
NDE	Temothee Kagonbe	Cameroon
NDE	Charlemagne Polycarpe Mandayen	Central African Republic
NDE	Hassane Idriss Mahamat	Chad
NDE	Athoumani Hamada	Comoros
NDE	Bienvenue Kitenge Mupenda	Congo
NDE	KUMASSI PHILIPPE KOUADIO	Côte d'Ivoire
NDE	Lydia Elewa	Egypt
NDE	Santiago Francisco ENGONGA OSONO	Equatorial Guinea
NDE	Bafana Nicholas Simelane	Eswatini
NDE	Sambou Kinteh	Gambia
NDE	Joseph Amankwa Baffoe	Ghana
NDE	Guilherme DA COSTA	Guinea-Bissau
NDE	Adama Lewo Diakite	Guinea- Conarkry
NDE	Maqhanolle David Tsekoa	Lesotho
NDE	Christopher Bangalie Kabah	Liberia
NDE	Lantoniaina Herisoa Andriafenomiarisoa	Madagascar
NDE	Vijayalaxmi JUMNOODOO	Mauritius
NDE	Lyson Ephraim John Kampira	Malawi
NDE	Antonio Jorge Raul Uaissone	Mozambique
NDE	Jonathan Mutau Kamwi	Namibia

NDE	Maazou Kamaye	Niger
NDE	Chukwuemeka Okebugwu	Nigeria
NDE	Will Michel Agricole	Seychelles
NDE	Huyam Ahmed Abdalla Ahmed	Sudan
NDE	Ibrahim Sinneh Kamara	Sierra Leone
NDE	El Hadji Djibril DIOP	Senegal
NDE	Zakarie Ismael Sheikh	Somalia
NDE	Kogilam Govender	South Africa
NDE	David Batali Oliver Samson	South Sudan
NDE	Kossiavi Akpedje LOTSI epse Agbogoudou	Togo
NDE	Fethi Bouzghaya	Tunisia
NDE	Gerald Majella Kafuku	Tanzania
NDE	Samuel Okodi MCMONDO	Uganda
NDE	Chilambwe Olga Mwansa	Zambia
NDE	Munashe Eunice Sasha Mukonoweshuro	Zimbabwe
TEC member	Pemy Nosibusiso Gasela	South Africa
TEC member	Benjamin S. Karmorh	Liberia
CTCN AB member	Halima Bawa- Bwari	Nigeria
CTCN AB member	Hortense Kagambega Traore	Burkina Faso
CTCN Secretariat	Sharone Molly	CTCN Secretariat
CTCN Secretariat	Robinson Mugo	CTCN Secretariat
CTCN Secretariat	Nadège Trocellier	CTCN Secretariat
CTCN Secretariat	Ariesta Ningrum	CTCN Secretariat

CTCN Secretariat	Jeawon Kim	CTCN Secretariat
CTCN Secretariat	Valentin Rudloff	CTCN Secretariat
TEC member	Dietram Oppelt	
UNFCCC TEC Secretariat	Bhava Dhungana	
Network member	Claudia Simone Bess-Ouko	Nam Lolwe
Network member	Job Muriithi Githinji	Nam Lolwe
	Maryam Wangeci Mwangi	YOUNGO
Network member	Katharina Mengede	GIZ
Network member	Rose Achieng Odugu	GIZ
	Ann Siantayo Samate	Indigenous Peoples' Organization
YCI Participant	Sharon Angel Ayuma	MkulimaScore360
YCI Participant	Allan Okoth Odhiambo	MkulimaScore360
YCI Participant	Francis Odhiambo Onyango	MkulimaScore360
YCI Participant	Liza Mathenge	Msafara Global
YCI Participant	Kelly Kigan	Footprints Intelligence
Network member	Sheilla Athieno Othieno	Seedstars
	Valentine Waroga	UN Women
	Moses Omedi Jura	
	Mirey Atallah	UNEP
Network member	Peter Oksen	WIPO
	Liva Kaugure	FAO
	Julian Nyamupachitu	FAO
	Mark Ojal	UN Habitat
	Judith Adem Owigar	UN Habitat

ANNEX II – Final Agenda

Joint Programme Agenda

Day 1 Africa NDE Forum (Monday 21st July)

Official Opening and Introduction to the Forum	
Moderator: Ariesta Ningrum, Director, CTCN	
09:00~09:10	Remarks and Agenda of the Africa NDE Forum 2025 Ariesta Ningrum, Director, CTCN
09:10~09:15	Remarks Halima Bawa-Bwari, Member, CTCN Advisory Board (Nigeria)
09:15~09:25	Remarks Mirey Atallah, Chief of the Adaptation and Resilience Branch, Climate Change Division, UNEP
09:25~10:00	Round of Introductions
Group photo and Coffee break (20 minutes)	
Session 1: Updates by UNFCCC Technology Mechanism	
Moderator: Valentin Rudloff, Climate Technology Specialist, CTCN	
10:35~10:55	CTCN Activities and Outlook in 2025 Valentin Rudloff, Climate Technology Specialist, CTCN
10:55~11:15	TEC Rolling Workplan, Activities and Outlook for 2025-2026 TEC Member Dietram Oppelt & Pemy Gasela
11:15~11:35	Technology Development and Transfer under the UNFCCC (COP 30 and SB 62) Bhava Dhungana, Team Lead Climate Technology Sub-division, UNFCCC
11:35~11:45	Updates from African Group of Negotiators Moses Omedi Jura, Lead Coordinator, Climate Technology Negotiations for Africa & Kenya
11:45~12:00	Q&A
Lunch break – 90 minutes	
Session 2: Updates on CTCN Procedures and NDE Feedback	
Moderator: Ariesta Ningrum, Director, CTCN	
13:30~14:00	Outcomes of CTCN AB meeting - Updated CTCN Procedures (include logistical support and post implementation process) Nadège Trocellier, Climate Technology Specialist, CTCN
14:00~15:00	Roundtable Discussion with NDEs Ariesta Ningrum, Director, CTCN - What success stories, challenges and lessons learned you observed in the implementation of CTCN programme of work so far? - How can the CTCN and TEC service in the Africa region be improved ? - In the context of ongoing negotiation in particular review of functions of CTCN and Technology Implementation Programme, what message will you convey to Parties with regard to CTCN role?
Coffee break – 15 minutes	

Session 3: Gender, Youth, Indigenous peoples and climate technologies	
Moderator and note taker: Sharone Molly, CTCN	
15:15 -15:35	Panel discussion What approaches and actions can be jointly made to integrate gender, youth, and indigenous people's perspectives into CTCN's service areas? Moderator: Molly Sharone, Climate Technology Specialist & Gender Focal Point, CTCN Panellists: • Ann Siantayo Samate, Indigenous Peoples' Organization • Maryam Wangeci Mwangi, YOUNGO • Valentine Waroga, Programme Analyst, Women's Economic Empowerment, UN Women
15:35~15:50	Youth Climate Innovation in Africa Programme presentation Sheilla Otieno, Senior Program Manager Africa, Seedstars Pitches • Francis Odhiambo Onyango, MkulimaScore360 • Liza Nyawira Mathenge, Msafara Global • Kelly Kigan, Footprints Intelligence
15:50~16:00	CTCN's Gender Action Plan (GAP) Sharone Molly, Climate Technology Specialist, CTCN
16:00~16:30	Comments and ideas from NDEs related to the panel discussion
Bilateral Discussions – Book-in sessions for projects under implementation	
17:00~18:00	Bilateral with NDEs upon request

Day 2 Africa NDE Forum (Tuesday 22nd July)

Session 4: Key enablers for System transformation – Digitalization and National Systems of Innovation (NSI) Moderator: Robinson Mugo, Africa Regional Manager, CTCN	
09:00~09:30	Introduction to Digitalization and NSI Valentin Rudloff, Climate Technology Specialist, CTCN Bhava Dhungana, Team Lead Climate Technology Sub-division, UNFCCC
09:30~09:45	WIPO Green digital database for climate technologies Peter Oksen, Green Technology and Research Manager, WIPO
09:45~10:00	Introduction to World Café Robinson Mugo, Africa Regional Manager, CTCN The World Café is an interactive group dialogue format designed to foster peer learning and exchange. Participants will be divided into four groups (two English-speaking and two French-speaking) and will rotate through thematic stations focused on system transformation areas and key enablers. Each station will be facilitated by a thematic expert to guide the discussion. Sessions will begin with short ice breakers and cover both adaptation and mitigation aspects of climate action. Café rounds will rotate every 45–60 minutes.
10:00~11:45	World Café: Digitalization and NSI Digitalization Katharina Mengede, Head of Digital Economy, Digital Transformation Center Kenya, GIZ Rose Odugu, Data Economy Advisor, Digital Transformation Centre Kenya, GIZ National Systems of Innovation (NSI) Bhava Dhungana, Team Lead Climate Technology Sub-division, UNFCCC Dietram Oppelt, Chair, TEC
11:45 – 12:00	Reflections from each group Molly Sharone, Climate Technology Specialist, CTCN
Lunch break – 90 minutes	
Session 5: System transformation areas – Water-Energy-Food (WEF) Nexus and Buildings & Infrastructure Moderator: Robinson Mugo, Africa Regional Manager, CTCN	
13:30~13:40	Introduction on WEF and Buildings & Infrastructure Nadege Trocellier, Climate Technology Specialist, CTCN
13:40~15:15	World Café: WEF Nexus and Buildings & Infrastructure Water-Energy-Food Nexus Liva Kaugure, Natural Resources Officer, FAO

	Julian Nyamupachitu - Regional Lead-Monitoring, FAO Buildings and Infrastructure Mark Ojal, Disaster Resilience Expert, UN-Habitat Judith Adem Owigar, Smart and Electric Mobility Consultant, UN-Habitat
15:15~15:30	Reflections from each group
Coffee break – 15 minutes	
Session 6: System transformation areas – Energy Systems and Business & Industry Moderator: Robinson Mugo, Africa Regional Manager, CTCN	
15:45~15:55	Introduction on Energy Systems and Business & Industry Valentin Rudloff, Climate Technology Specialist, CTCN
15:55~17:30	World Café: Energy Systems and Business & Industry Energy Systems Claudia Bess, Nam Lolwe Job Muriithi Githinji, Nam Lolwe Business & Industry Dietram Oppelt, Chair, TEC Bhava Dhungana, Team Lead Climate Technology Sub-division, UNFCCC
17:30~17:45	Reflections from each group
Summary and closing	
17:45~17:55	Closing remark Ariesta Ningrum, Director, CTCN
Bilateral Discussions – Book-in sessions for projects completed	
18:00~	Bilateral with NDEs upon request

Day 3 Capacity Building on Climate Finance (Wednesday 23rd July)

Opening and scene-setting: Financing Climate Technology	
Moderator: Jeawon Kim, Capacity Building and Network Engagement Specialist, CTCN	
09:00~09:05	Welcome Remarks <i>Ariesta Ningrum, Director, CTCN</i>
09:05~09:15	Introduction to the Programme and Climate Finance Landscape <i>Jeawon Kim, Capacity Building and Network Engagement Specialist, CTCN</i> <i>Valentin Rudloff, Climate Technology Specialist, CTCN</i>
09:15~10:15	Global Movement towards Climate Projects: Climate Finance in Africa Moderator: Nuran Atef, Africa and Middle East Regional Lead, UNEP FI Panellists: - Judith Odhiambo, Head of Sustainability, Kenya Commercial Bank - Komlanvi Moglo, Climate Finance Expert, West African Development Bank (BOAD) - BOAD Chairman Representative at the IDFC (virtual) - Ibrahima Bamba, Sub-Regional Lead a.i. of the Africa Region Department at Green Climate Fund (virtual) - Marcus Johannesson, Senior Climate Change Specialist, Adaptation Fund (virtual) - Lilian Macharia, Management Executive and leader in development and climate finance and former GCF Director, Division of Portfolio Management
Group photo and Coffee break – 15 minutes	
Session 1: Inspiring best practices and reflection by key stakeholders	
Moderator: Ariesta Ningrum, Director, CTCN	
10:30~10:45	Lessons learned from TM and FM collaboration: The case of Liberia <i>Christopher B. Kabah, NDE of Liberia</i> Q&A
10:45~11:00	Lessons learned from TM and FM collaboration: KCB's PPF <i>Judith Odhiambo, Head of Sustainability, Kenya Commercial Bank</i> Q&A
11:00~11:20	Reflection on working with Adaptation Fund and way forward <i>John Wafula & Harron Wanjohi, NIE</i> Q&A
Session 2: Financing models, modalities, and support for impact	
Moderator: Robinson Mugo, Africa Regional Manager, CTCN	
11:20~11:40	GCF's progress evaluation on Strategic plan 2024-2027 including finance architect and Africa portfolio <i>Joseph Intsiful, Senior Climate Information and Early Warning Systems Specialist, Department of the Africa Region, Green Climate Fund</i> Q&A
11:40~12:00	How to scale up: Successful Models of the European Commission <i>Nadege Trocellier, CTCN</i> Q&A
12:00~12:20	World Bank's finance architect and Africa Portfolio

	Seth Ayers Senior Program Officer, Identification for Development (ID4D) Initiative, World Bank
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Lunch break - 70 minutes

Session 3: Overview of climate relay runners

Moderator: Valentin Rudloff, Climate Technology Specialist, CTCN

13:30~13:50	Roles and responsibilities of international and sub-regional financing entities in accelerating climate technology for action in Africa <i>Lilian Macharia, Management Executive and leader in development and climate finance</i>
13:50~14:05	FAO in the GCF project: Climate technology packages for agrifood systems <i>Zoran Rusnov, Food and Agriculture Organization</i>
14:05~14:20	Insurance solutions and progress of supporting agribusinesses in Uganda <i>Farid K. Wangara, Principal Officer, Agriculture and Climate Risk Enterprise (ACRE Africa)</i>
14:20~14:35	Philanthropic funding climate projects and co-financing opportunities <i>Scott Shell, Program Strategist, Industry, Climate Works Foundation (Recording)</i>
14:35~15:00	Roundtable discussion with Q&A and Coffee break <i>All NDEs</i>

Field-visit: Generation restoration project

	A small hike (3.5- 5 km) through the caves and the waterfalls in Karura
15:00~17:30	For more information on the project: https://www.friendsofkarura.org/the-karura-forest-reserve-restoration/ <i>*Note. Comfortable shoes, cover ups, and a hat/rain jacket in case it rains.</i>

Day 4 Capacity Building on Climate Finance (Thursday 24th July)

Session 4: Amplifying Innovation through Impact – Revise and reconfirm	
Moderator: Jeawon Kim, CTCN	
09:00~09:15	Raising ambitions towards climate - Why NDC? <i>Margaret Barihaihi Musana, Regional Manager Africa, NDC partnership</i>
09:15~09:30	Introduction to the concept of 'Impact' with systems angle <i>Jeawon Kim, CTCN</i>
09:30~09:45	Interactive live survey on defining impact <i>All NDEs</i>
Session 5: Linking technology to finance – Matchmaking with existing projects for sustainable mobility	
Moderator: Jeawon Kim, CTCN	
09:45~10:00	Technology and Finance for the Transition to EVs in Tanzania <i>Gerald Majella Kafuku, NDE of Tanzania</i>
10:00~10:15	Sustainable Mobility Solution in South-East Asia <i>Juhee Lee, Verywords, CTC Network member (Recording)</i>
Coffee break – 15 minutes	
Session 6: Phase 1 – Project design: Climate Narrative for a large-scale climate project	
Moderator: Jeawon Kim, CTCN	
10:30~12:00	Introduction to a Climate Narrative and Theory of Change (ToC) <i>All NDEs</i>
	<i>NDEs Logic Desk – Warm up for change: Development of problem and solution trees</i> Three sequential activities to be covered: - Brainstorming for problem identification – Ideate on the elements of climate narrative (30 minutes) - Problem tree – Organize the brainstormed elements into a problem tree, aligning them with the specific scope of the project (20 minutes and *10 minutes for sharing time) - Solution tree – Transform their problem tree into solution tree, adapting the elements to match the goals and structure of the intended financing modality (20 minutes and *10 minutes for sharing time) In between activities B and C, each group representative will present their idea board to the room for 10 minutes. <i>English and French</i> Group 1: Water-Energy-Food Nexus – French (Group facilitator: Nadege) Group 2: Building and Infrastructure – French (Group facilitator: Valentin) Group 3: Water-Energy-Food Nexus – English (Group facilitator: Sharone) Group 4: Building and Infrastructure – English (Group facilitator: Robinson)
Lunch break – 90 minutes	

Session 7: Phase 2 – Project implementation: Improving the quality of project outputs

Moderator: Jeawon Kim, CTCN

13:30~13:45	Tools and techniques to map stakeholders and increase their engagement <i>Victor Ndiege, Chief Executive Officer, Kenya Climate Venture</i>
13:45~15:00	Segmentation and Stakeholder Orientation <i>All NDEs</i> Building on the group divisions from Session 7, this session will facilitate two focused activities: Activity d. Identifying segments for the project (45 minutes) Participants will be given sticky notes representing various stakeholder types. Working in groups, they will map relevant stakeholders connected to the activities of TA request drafted. The mapping can also be done in the idea board. The session will conclude with each group presenting their discussion outcomes and stakeholder maps to the wider group. Activity e. Reviewing a Response Plan (30 minutes) Participants will ideate on segments missing and orientation of RP provided, focusing on the quality and extent of stakeholder engagement.

Coffee Break – 15 minutes

Session 8: Phase 3 – Project follow-up: Communicating impact stories for longevity

Moderator: Jeawon Kim, CTCN

15:15~15:30	Communicating social impact through 'Social Return on Investment' <i>Julia Cairns, Griffith University, CTC Network Member (Virtual)</i>
15:30~16:45	Increasing Scale-up Opportunities <i>All NDEs</i> Building on the group discussion from Session 8, this session will facilitate two focused activities: Activity f. Understanding SROI formula (45 minutes) As an individual exercise, NDEs will calculate the Social Return on Investment (SROI) by researching indicators of societal costs, gathering evidence of the relationship between impact and outcomes, and estimating the value within their area of action or influence. This activity aims to guide NDEs in estimating both the amount of money invested in their program or project and the monetized value of its outcomes. Activity g. Drafting an email for NDE team, using SROI (30 minutes) In this activity, participants will apply the knowledge gained from the Social Return on Investment (SROI) methodology to draft a professional email addressed to their NDE team. The objective is to communicate the estimated social value generated by a specific program or project, based on their previous analysis.

16:45~17:00	Handling assumptions in large-scale projects: GCF's lessons on project Integrity at the Core <i>Ame Odaro, Compliance Manager, Department of Risk Management, Green Climate Fund (Recording)</i>
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Day 5 Capacity Building on Climate Finance (Friday 25th July)

Summary and Closing	
Moderator: Jeawon Kim, CTCN	
09:30~09:40	Wrap up of the programme <i>Jeawon Kim, CTCN</i>
09:40~10:50	Round table reflection on the program – Ideas on 2026-27 capacity building themes <i>All NDEs</i>
10:50~11:00	Closing remarks <i>Ariesta Ningrum CTCN Director</i>
Ad-hoc bilateral discussions – Book-in sessions for projects completed	
11:00~	Bilateral with NDEs upon request

ANNEX III – Group Photos

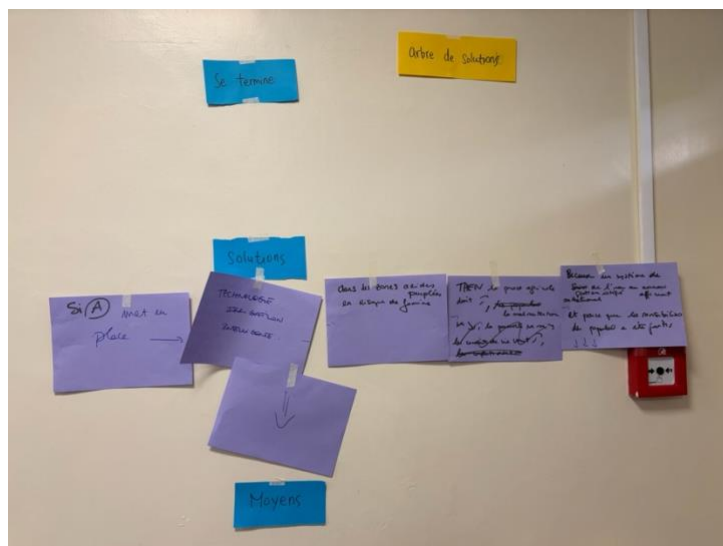
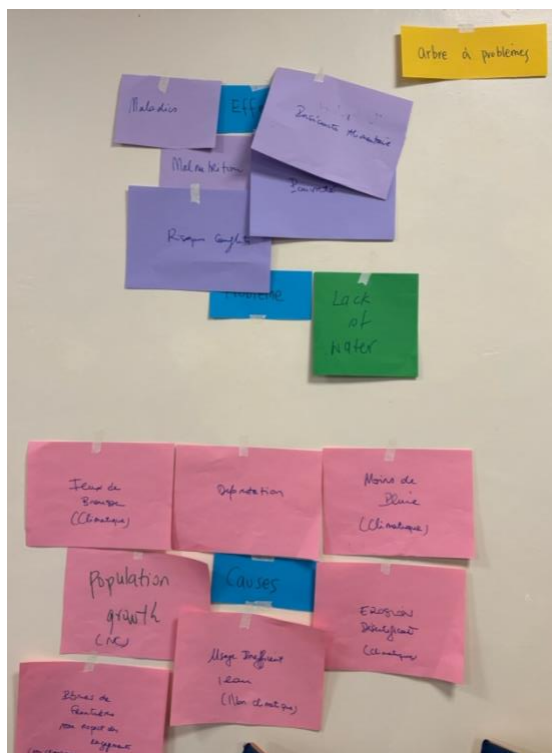


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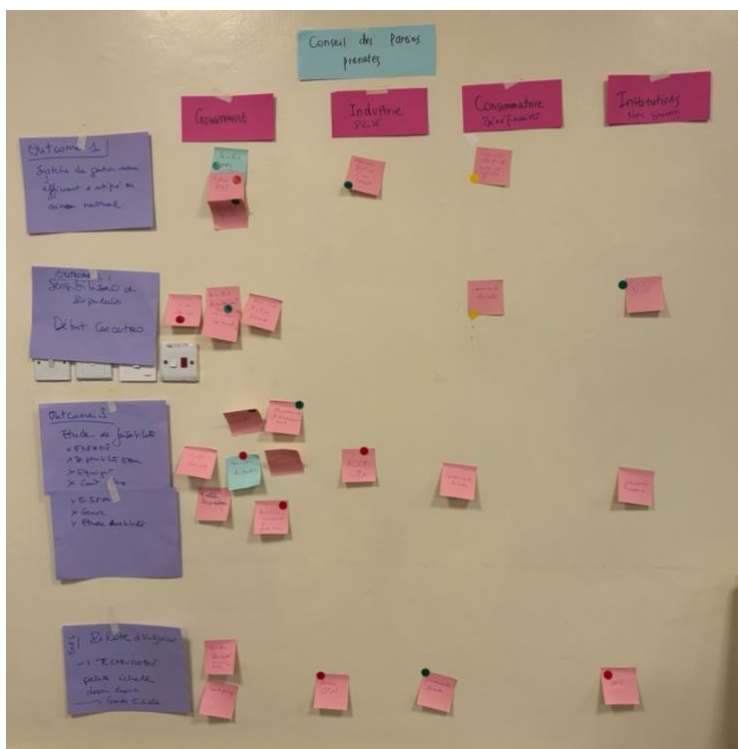
ANNEX IX – Group outputs, original photos

Group A - Algeria, Burkina Faso, Burundi, Cameroon, Central African, Republic Chad, Madagascar, Niger, Senegal, Burkina Faso (French, Water-Energy-Food nexus)

Problem-Solution Trees



Stakeholder board

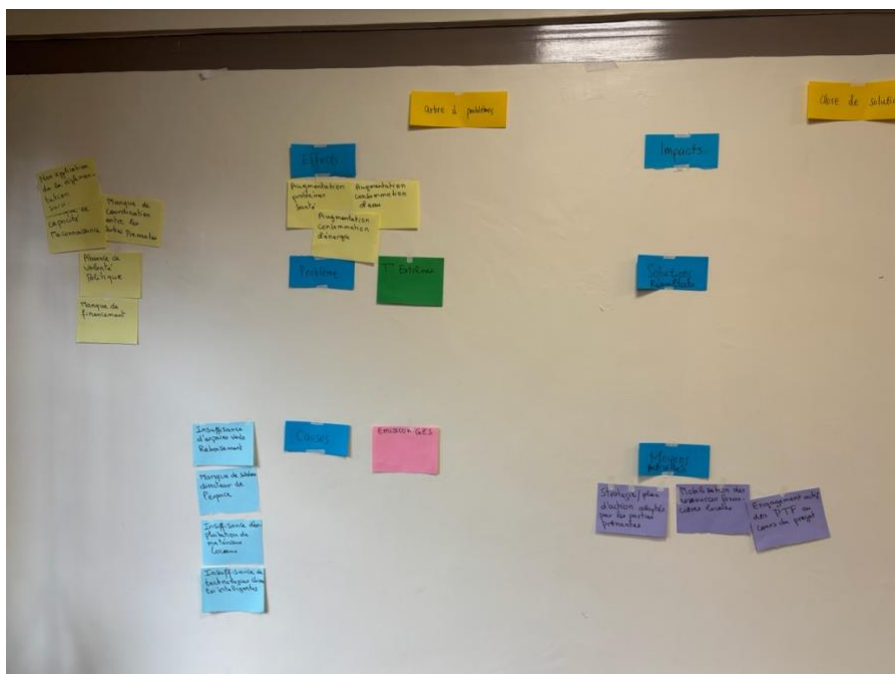


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Group B - Equatorial, Guinea, Guinea-Bissau, Guinea- Conarkry, Congo (Kinshasa), Togo, Tunisia, Comoros, Côte d'Ivoire, Djibouti, Egypt (French, Buildings and Infrastructure)

Problem-Solution Trees

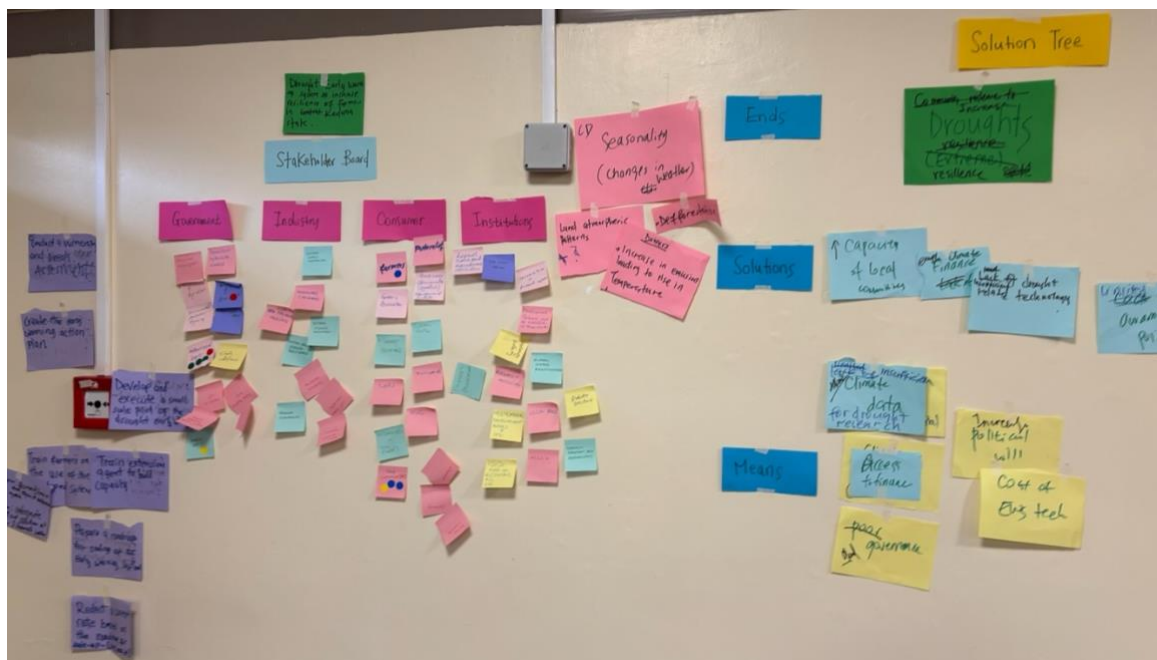


Stakeholder board



Group C - Botswana, Eswatini, Gambia, Ghana, Kenya, Lesotho, Liberia, Mauritius, Malawi, Mozambique, Namibia, Nigeria (English, Water-Energy-Food nexus)

Solution Tree and Stakeholder Board



Group D - Seychelles, Sudan, Sierra Leone, Somalia, South Africa, South Sudan, Tanzania, Uganda, Zambia, Zimbabwe, Uganda, South Africa, Liberia, Nigeria (English, Buildings and Infrastructure)

Solution Tree and Stakeholder Board

