

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

Summary Note

Climate Technology and Climate Finance

Date & Venue: 19-20 May 2025, Panama City, Megapolis Hotel

Hosting country: Panama

Partnered organization: UNFCCC TEC, Adaptation Fund

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 \$1.6 trillion 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 respond to the LAC NDEs need for overcoming financial challenges², this program is developed to foster in-depth discussion between the NDEs and prospective funds/financial entities on ongoing climate projects.

Participants: 21 NDEs and their representatives participated (see Annex I for a full list and II for group photos). The program engaged 5 financial entities/MDBs/future donors and 6 key local, regional, and global emerging network members (see Annex III for the detailed agenda).

Approaches and activities: Centring digitalisation and responding to the urgency of transforming agriculture, two key activities were planned to achieve this objective:

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.

² As collected via bi-annual UNFCCC TM NDE survey as well as 2024 capacity building demands

1. Project Ideation with the Funds/financial entities – A session fostering discussion between financial institutions and climate technology initiatives.
2. Workshop on Scalable Climate Projects – A hands-on workshop aimed at developing scalable climate technology projects, focusing on aligning these projects with available financing opportunities and instruments.

A five-step co-creation process was applied using four sequential methods: Segmentation, participatory sessions (repeated twice to engage NDEs with immediate and external stakeholders), thought-provoking information distribution, and need-based matchmaking. Detailed steps taken are available from page 3 onwards.

Actionable items for follow-up:

For NDEs:

- Apply climate narratives and ToC in future TA requests
- Consider regional programming for technology deployment and capacity building for government officers

For Network members (prospective and existing):

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

For CTCN:

- TA team to follow up on regional TA programming for SF-6
- Develop a blueprint of capacity-building programs for regional and national government officers in LAC
- Invite prospective network members to the CTC Network membership

Methodology: 5-step co-creation process

Below 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	NDC, Network analysis, and Pre-program survey	Identification of potential groups with similar sectoral/technological needs and emerging technologies from the region
2. Sensitizing		Participatory session I	Exchange room	Identification of common needs, problems, and potential technological/partnership solutions with amongst NDEs
			Workshop on Climate Narrative and ToC	Three sequential activities of developing climate narrative, applying ToC for problem tree, and converting climate narrative into ToC for solution tree
3. Facilitating		Information distribution	1 panel discussion amongst regional FIs/MDBs, and 16 presentations	Introduction to CTCN-GCF scaled up project, ongoing multi-country TA status, concept of impact, modalities for financing, equation of social return on investment, highlight on F-gases, and emerging technologies from the region
4. Engaging		Participatory session II	Implementation Forum – Technology and Finance Lab	Exchange technology and finance specific cases with external stakeholders
			Bilateral with countries	Reconfirmation and prioritization of ideas discuss
		Matchmaking	Lunch table on F-gases	
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 LAC and conducted pre-program survey 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.

Segmenting NDEs by climate priorities

In the retrospective analysis of LAC countries 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:

1. Water: Rainwater-harvesting, storm-water reclamation and reuse, water mapping and modelling, and water-quality monitoring
2. Energy: Energy-efficient buildings and lighting systems, bioenergy and solar energy

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, two 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.

Two weeks before the program, confirmed NDEs (N=22) were invited to complete the pre-program survey consisting of 5 questionnaires, including AI technologies, sectoral preferences, and bilateral requests. Of all system transformation sectors, NDEs (n=10) considered 'Water-Energy-Food nexus' (n=8) and 'Energy Systems' (n=2) as most urgent sectors, demonstrating alignment to the TNAs and TAPs analyses results.

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 2024 AI Innovation Grand Challenge winner⁵ is from the region. The existing members' technology readiness level (TRL) varied from 3-5, potential for CTCN's regional cRD&D facilitation 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 asked the hosting country to nominate a prospective Network member from the country (i.e. Fundación Yaguará Panamá) as well as invited three YCI winners (i.e. Ingenio, Blume, and Ecosphere) from the region, and the AI challenge winner (i.e. AI4SIDS) to present their solutions to NDEs within 5-10 minutes.

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>

⁵ <https://unfccc.int/news/un-climate-change-technology-executive-committee-and-enterprise-neurosystem-to-award-grand-prize-for#~:text=UN%20Climate%20Change%20News%2C%2010,2024%20AI%20Innovation%20Grand%20Challenge%20.>

Based on the above information, the program is designed to foster in-depth discussions between NDEs and prospective funders or financial entities regarding ongoing climate projects, with consideration given to potential technologies applicable to the specific project.

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 projects development. We prepared two participatory sessions – Exchange rooms and a workshop on climate narrative and Theory of Change (ToC), to allow NDEs to reconfirm their needs and have a direct conversation with other NDEs who are immediate stakeholders for potential multi-country TA projects.

Activity 1: Exchange room

Based on the results from Step 1, we break the NDEs into two groups: English-speaking (Group 'Caribbean') versus Spanish-speaking (Group 'Latam') countries. This Participatory Session I, aimed to scope the climate technology priorities. For 45 minutes, three topics were addressed during the exchange room: Common needs/problems, multi-country TA potential, and technological/partnership solutions (see Figure 1). After the exchange, representatives from each group were invited to provide a summary of the key discussion points to the entire room.



Figure 1 Step 2. Sensitization: Participatory Session I. Exchange room with immediate stakeholders

The 'Caribbean' group identified drought and flooding as common challenges impacting water security. They discussed region-specific needs for capacity-building programs, including a knowledge platform and a climate tech fellowship. Potential technological

solutions mentioned included desalination, water management systems, and smart farming technologies (see Table 3, column 'Exchange Room' for details).

The Group 'Latam' focused their discussions on key sustainability challenges, particularly waste management and sustainable transportation. They emphasised the importance of building effective partnerships and identified several innovative solutions to address regional needs. These included the development of regional financing mechanisms to support green initiatives, implementation of energy rationing strategies, and deployment of food production tracking and monitoring tools to enhance food system resilience. Additionally, the group highlighted the need for a water resource surveillance system to improve oversight and management of water supplies in the face of environmental pressures.

Activity 2: Workshop on creating Climate Narrative and ToC

Building on the key problem identified in the Exchange Room, the workshop introduced the concept of a climate narrative, structured around five elements. Colored papers, each representing one of these elements, were prepared as workshop materials. Over 1.5 hours, participants engaged in three sequential activities: developing a climate narrative (see first line of Figure 2), applying the Theory of Change (ToC) to create a problem tree (see second line of Figure 2), and translating the climate narrative into a ToC-based solution tree (see third line of Figure 2). After each activity, groups were invited to listen to the discussions and insights shared by other groups (see fourth line of Figure 2).

The facilitation of two activities was particularly important in creating a safe space for participants to develop climate-problem-focused projects and reflect on potential means of implementation. Combined with the results of the pre-program survey, we observed consistent prioritization of water-related issues among Caribbean countries and energy-related issues among Latin American countries (see Table 3 for details and original wall posters in Annex IX).

Group Exercise: 30 minutes – Brainstorming



Group 1 (Caribbean)
Sector: Water-energy-food
nexus

Group 2 (Latam)
Sector: Transport

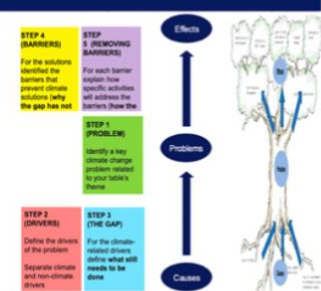


Group Exercise: 20 minutes – Problem tree



Group 1 (Caribbean)
Sector: Water-energy-food nexus

Group 2 (Latam)
Sector: Transport



Group Exercise: 15 minutes – Solution tree

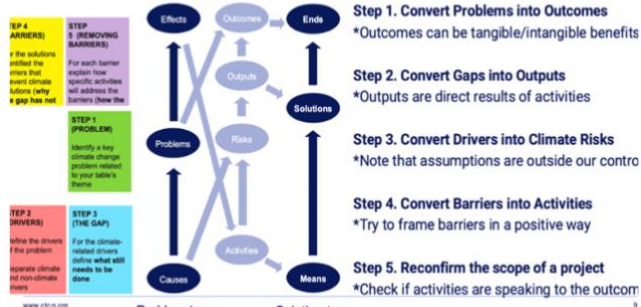


Figure 2 Step 2. Sensitization: Participatory Session I. Workshop on Climate Narrative and ToC with immediate stakeholders

Table 2 Group specific needs, problems, and potential solutions identified and confirmed

Group	Countries (N=21)	Discussion topics	Step 1: Planning		Step 2: Sensitizing	
			TNA/TAP	Pre-program survey (n=10)	Exchange room	Workshop on Climate Narrative and ToC
The Caribbean	Antigua and Barbuda, Belize, Haiti, Jamaica, St. Kitts and Nevis, St. Lucia	Common needs/problems	Water and Energy	Infrastructure (Antigua and Barbuda)	Drought & Flooding (disaster control), Food loss, management system Energy efficiency at a household level to maintain low emission	Reduce water scarcity
		Potential technological/partnership solutions	Rainwater harvesting, water meter, banks revegetation	Green Climate Fund (Antigua and Barbuda)	Salination, water management system, soil health program, slam Dum, smart farming Capacity building program for communities, knowledge platform, work with CARICOM, climate tech and innovation fellowship program, train the trainee program Concessional loans and work with local private sectors and insurance companies	Instal EWS in communities, install new water infrastructure, apply multi-ministerial approach (to build capacity of decision makers and mainstream climate), train indigenous people, conduct TNA, assign indigenous focal point within the ministry
Latam	Brazil, Bolivia, Colombia, Costa Rica, Chile, Cuba, Dominica, Dominican Republic, Ecuador,	Common needs/problems	Water and Energy	Water (Paraguay, Mexico, Uruguay, Ecuador, Chile) Energy (Brazil, Venezuela) Agriculture (Bolivia)	Waste management, Sustainable transportation	Reducing emission in transportation

Climate Technology Centre and Network, Partnership and Liaison Office

32rd Floor, G-Tower, 175, Art center-daero, Yeonsu-gu, Incheon

<http://www.ctc-n.org>, Email: ctcn@un.org

Inquiries related to this document, email: Jeawon.kim@un.org

	Guatemala, Panama, Paraguay, Peru, Uruguay, Venezuela	Potential technological/partnership solutions	Micro- hydropower Solar pumping	Green Climate Fund (Paraguay, Mexico, Ecuador, Brazil) Adaptation Fund (Bolivia, Uruguay, Chile, Venezuela)	Regional financing, energy ration and food production tracking/monitoring tools, water resource surveillance system	Political will encouraging renewable energies, public-private agreements, creation of efficient policy development and implementation, promotion of technology packages, civic society engagement, social science to reduce conflict, improve life qualities
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Steps 3 and 4. Facilitating and Engaging: In this step, a series of thought-provoking information sessions were delivered to enhance the brainstorming of potential actors and actions that each participant should engage and can take to increase the overall efficacy of the scalable climate project ideated. We engaged NDEs in an information distribution session where panellists from financing entities participated, the second phase of the participatory session, and a matchmaking activity.

Activity 3: Information distribution

One panel discussion amongst regional FIs/MDBs, and 16 presentations were disseminated to provoke and inspire NDEs with climate finance-related information.

For the panel discussion on 'Global Movement Towards Climate Projects in Finance – LAC' welcomed four representatives from GCF, CAF, IADB, and GFANZ (see Figure 3) to exchange their thoughts on the following questions:

Q1: How could we better serve the climate needs of our client countries?

Q2: What are the specifics of financial environments of the FIs' supporting countries and how can FIs address these specifics?

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

- Importance of public sector support, with a reference to a green hydrogen initiative in Colombia as a capital-intensive case.
- 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 the green taxonomy initiative and projects related to Article 6.

The panel session replaced the originally planned roundtable discussion, as the Q&A extended the direct interaction between NDEs and the participating panellists.

In response to the need for understanding the region's level of readiness for climate technology demonstration and deployment, 16 lecture presentations focused on showcasing the CTCN-GCF scaled-up project, ongoing multi-country TA status, concept of impact, modalities for financing, concept of social return on investment, highlight on F-gases, and emerging technologies from the region. The sessions facilitated discussions related to the technologies and tools existing for NDEs' consideration and uptake.



Figure 3 Panel discussion on Global Movement Towards Climate Projects in Finance – LAC

Specific to the session on showcasing emerging technologies from the region, we curated five prospective network members with innovative technologies: a national representative suggested by the hosting country⁶, three winners of CTCN's Youth Climate Innovation program⁷, and the global winner of the AI Innovation Grand Challenge⁸ (see Figure 4). This session enlightened participants with potential regional network members, who may implement their long-term investment needs upon request.



Figure 4 Emerging technologies - National, Regional, and global prospective network members

⁶ www.yaguarapana.org

⁷ <https://www.youthclimateinnovation.com/startups>

⁸ <https://unfccc.int/news/un-climate-change-technology-executive-committee-and-enterprise-neurosystem-to-award-grand-prize-for>

Activity 4: Participatory session II

Between the informative sessions, the second phase of the participatory session activity was delivered, comprising: (a) the Implementation Forum – Technology and Finance Lab, and (b) bilateral meetings with countries.

In collaboration with the UNFCCC Means of Implementation team, we supported NDEs in participating in the Forum's activities, specifically the Technology Lab and Finance Lab. Based on their preferences, NDEs engaged in either or both labs over a span of 3.5 hours, exchanging case-specific experiences related to technology and finance with external stakeholders. This enabled NDEs to interact with a broader group of experts in climate technology and finance, complementing our own activities (see Figure 5). In a roundtable discussion format, each lab facilitated the following topics:

Finance Lab:

- Overcoming policy and institutional barriers to climate finance
- Enhancing enabling environments and local leadership
- Building technical and institutional capacity
- Leveraging real-world finance success stories
- Innovative financial instruments and Article 6-compliant mechanisms
- Bridging finance, technology, and markets for transformational climate action



Figure 5 Participatory Session II - Implementation Forum: Technology and finance labs

Technology Lab:

- Water-Energy-Food nexus / Agrifood systems
- Industrial decarbonization
- Energy systems
- Artificial intelligence for climate action

To reconfirm and prioritize proposed technical assistance (TA) projects, CTCN held bilateral meetings with participating countries.

Activity 5. Matchmaking

Following the information session highlighting F-gases as an opportunity to link technology and finance, a lunch meeting was organized with countries (n=8) that had expressed interest in this technology.

Step 5. Analysing: Thematic analyses of activities facilitated during the program resulted in the following bullet points (see Annex IX for barrier idea boards). Overall, NDEs voiced the potential for regional programming for technology demonstration and deployment, and capacity building for national government officers.

Annex I – Participant List

Country	First Name	Last Name	Affiliation
Antigua and Barbuda	Garth	Simon	Department of Environment (DOE) - Ministry of Health and the Environment
Belize	Sumeet Akshay	Betancourt	Ministry of Agriculture, Fisheries, Forestry, the Environment, Sustainable Development
Brazil	Sonia Regina	Mudrovitsch de Bittencourt	Ministry of Science, Technology, Innovation and Communications
Bolivia	Hugo	Chambilla	Autoridad Plurinacional de la Madre Tierra
Colombia	Allison	Del Río Bahamón	Ministerio de Ambiente y Desarrollo Sostenible
Costa Rica	Rebeca	Madrigal	Ministerio de Ambiente y Energía
Chile	Ximena	Ruz Espejo	Agencia de Sustentabilidad y Cambio Climático
Cuba	Maria Luisa	Rodríguez	Departamento de Ciencia, Tecnología e Innovación - Ministerio de Ciencia, Tecnología y Medio Ambiente
Dominica	Edgar	Hunter	Ministry of Environment, Natural Resources, Physical Planning and Fisheries
Dominican Republic	Solhanlle	Bonilla	Ministerio de Ambiente y Recursos Naturales
Ecuador	Josselyn	Balcázar	Ministerio del Ambiente, Subsecretaría de Cambio Climático
Grenada	Peron	Johnson	Ministry of Climate Resilience, the Environment, Forestry, Fisheries, Disaster Management and Information
Guatemala	Andrea	Fión	Ministerio de Ambiente y Recursos Naturales
Haiti	Yves Bernard	Remarais	Ministère de l'Environnement
Jamaica	Ajani Yale Dominic	Alleyne	Ministry of Economic Growth and Job Creation - Climate Change Division
Panama	Ana	Aguilar	Ministerio de Ambiente
Paraguay	Nora	Paez	Ministerio del Ambiente y Desarrollo Sostenible (MADES)
Peru	David Hosnar	Lock Navarro	Dirección de Cambio Climático y Desertificación, Ministerio del Ambiente
St. Kitts and Nevis	Floyd	Robinson	Department of Environment
St. Lucia	Samanthia	Justin	Ministry of Education, Innovation, Gender Relations and Sustainable Development, Department of Sustainable Development

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Country	First Name	Last Name	Affiliation
Uruguay	Carla	Zilli	Ministerio de Vivienda y Ordenamiento Territorial División Cambio Climático
Venezuela	Meimalin	Moreno	Centro de Estudios de la Crisis Ambiental Global. Instituto Venezolano de Investigaciones Científicas (IVIC)
Cuba (AB Member)	Armando	Rodriguez	Departamento de Ciencia, Tecnología e Innovación - Ministerio de Ciencia, Tecnología y Medio Ambiente
Chile (AB member)	Ambrosio	Yobanobalo del real	Agencia de Sustentabilidad y Cambio Climático
Belize (TEC member)	Edalmi	Pinelo	Ministry of Agriculture, Fisheries, Forestry, the Environment, Sustainable Development
Jamaica (TEC member)	Omar	Alcock	Ministry of Economic Growth and Job Creation - Climate Change Division
Brazil (TEC member)	Pedro Ivo	Ferraz da Silva	Ministry of Science, Technology, Innovation and Communications
Implementing Partner	Bart	Van Hoof	BASE
Implementing Partner	Alma	Cota	TTA
Implementing Partner	Pablo	Imbach	CATIE
Invest Climate specialist	Julian	Gonzalez	Inter-American Development Bank (IADB)
Principal Executive, Direction of Technical Assistance in Biodiversity and Climate	Cristian	Grisales	CAF
GFANZ	Rebeca	Lima	Glasgow Financial Alliance for Net Zero
Regional Office	Cayetano Casado Gomez	Guillamon	Green Climate Fund (GCF)
Programme officer	Beatriz	Carneiro	UN Environment Programme
Implementing Partner	Juanita	Duque	BASE
Implementing Partner	Julia	Carins	Griffith University
Germany	Bettina	Schreck	NDE rep.
DG CLIMA	Arno	Kaschl	EU
Implementing Partner	Carlos	Rodríguez	Siemens
Director	Ricardo	Moreno	Fundación Yaguará Panamá

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Inquiries related to this document, email: Jeawon.kim@un.org

Country	First Name	Last Name	Affiliation
YCI winner	Luis E.	Muñoz D	Ingenio
YCI winner	Oscar M.	Castro	Blume
YCI winner	David A.	Divas	Ecosphere
AI Innovation Challenge winner 2024	Letetia Mary	Addison	The University of the West Indies
CTCN	Ariesta	Ningrum	CTCN
CTCN	Jeawon	Kim	CTCN
CTCN	Ramiro	Salinas	CTCN
CTCN	Roberto	Borjabad	CTCN
UNFCCC	Maia	Tskhvaradze	UNFCCC
UNFCCC	Taeyoon	Kim	UNFCCC
Brazil	Emily Caroline	Costa Silva	CGEE
Costa Rica	Danilo	Torres	CATIE

Annex II – Group photos



Annex III – Program agenda

Day 3, Capacity building on climate finance (Wednesday, May 21)

Opening and scene-setting: Climate Technology Finance Innovation	
Moderator: Jeawon Kim, CTCN	
09:00~09:30	Registration
09:30~09:35	Welcome Remarks Ariesta Ningrum <i>CTCN Director</i>
09:35~09:40	Overview of the program and expected outputs Jeawon Kim <i>Capacity Building Specialist, CTCN</i>
09:40~10:10	Global movement towards climate projects in finance – LAC Moderated by Cayetano Casado Gomez Guillamon <i>Green Climate Fund (GCF)</i> Julian Gonzalez <i>Invest Climate specialist, Inter-American Development Bank (IADB)</i> Cristian Grisales <i>Principal Executive, Direction of Technical Assistance in Biodiversity and Climate, Development Bank of Latin America and the Caribbean (CAF)</i> Rebeca Lima <i>Glasgow Financial Alliance for Net Zero</i>
10:10~10:30	Lessons learned from TM and FM collaboration CTCN TA to GCF FP133: Resilience of building construction in the country, in addition to climate information systems and post-disaster responses Mr. Garth Simon <i>Ministry of Health, Wellness, Social Transformation, and the Environment, NDE representative of Antigua & Barbuda</i>
10:30~11:00	Reflecting on the experiences with FM and/or MDBs Mind-mapping group activity focusing on deployment of technology <i>All NDEs</i> Group 1: FM – GCF Group 2: Adaptation Fund Group 3: MDBs Reflection and Feedback from NDEs in chronological order
Coffee break – 15 minutes	

Session 1: Climate Technology Partnerships and Private Sector involvement in climate action	
Moderator: Ramiro Salinas, CTCN	
11:15~11:25	LAC Circular Economy Coalition <i>Workplan and updates from the Coalition</i> Beatriz Carneiro UN Environment Programme
11:25~12:00	Latest results from the Multi-country TA on Circular Economy Finance Juanita Duque BASE. CTCN Implementing Partner
12:00~12:30	Q&A, reflections, and feedback from NDEs
Lunch break – 90 minutes	

Relocation to the UNFCCC Climate Week - Megapolis Convention Centre in Panama City	
UNFCCC Climate Week – Implementation Forum	
14:00~18:00	<i>Climate Finance Lab:</i> The Finance Lab will cover topics for NDC/NAP implementation, including supporting non-debt instruments, enabling policies, locally led approaches, capacity building, technical assistance, multi-year programs, and increasing finance to LDCs and SIDS. Each topic will be introduced with case studies and group discussions, aligned with NCQG and UNFCCC processes. <i>Climate Technology Lab:</i> The Technology Lab will address key topics for NDC and/or NAP implementation. This includes AI for early warning systems and agriculture, industrial decarbonization of steel, cement, and chemical industries, energy storage, national systems of innovation, and climate technology incubators and accelerators. Further, it will focus on capacity building for technology transfer and development, and financing climate technologies, aligning with the Technology Executive Committee's work.

Day 4, Capacity building on climate finance (Thursday, May 22)

Session 2: Measuring Innovation – Impact	
Moderator: Ramiro Salinas, CTCN	
09:00~09:10	Introduction to the concept of impact from a system-level Jeawon Kim CTCN Secretariat
09:10~09:30	Financial impact: Return on Investment Cayetano Casado Gomez Guillamon Green Climate Fund (GCF)
09:30~09:50	Social impact: Social Return on Investment Julia Carins

	<i>Griffith University, CTC Network member</i>
09:50~10:15	Q&A session

Coffee break – 15 minutes

Session 3: Enhancing Innovation – Linking technology to finance: Highlight to F-gases

Moderator: Ariesta Ningrum, CTCN

10:30~10:45	Introduction to F-gases and its upscaling Roberto Borjabad, <i>UNEP, CTCN</i> Bettina Schreck, <i>NDE Germany</i>
10:45~11:00	EU regulations on F-gas and potential for funding Arno Kaschl <i>European Commission</i>
11:00~11:10	Chile's efforts related to F-gases Ambrosio Yobánolo del Real <i>NDE Chile</i>
11:10~11:25	Case of Colombia and potential for investment Ricardo Yate & Carlos Rodríguez <i>Siemens</i>
11:25~11:50	Q&A and reflections from NDEs

Session 4: Creating Innovation – Matchmaking with Emerging technologies, Future Network members

Moderator: Jeawon Kim, CTCN

11:50~12:00	Solution pitch from prospective LAC Network member Ricardo Moreno <i>Fundación Jaguará Panamá</i> Q&A
12:00~12:20	Youth Climate Innovation top 3 winners from the region: 5-minute pitch Luis E. Muñoz D <i>Ingenio (Costa Rica) on Circular Economy - Cobalt from black mass</i> Oscar M. Castro <i>Blume (Peru) on Digitalization for optimal fishing locations</i> David A. Divas <i>Ecosphere (Guatemala, Haiti, Saint Lucia) on Agroecology cooperative for rural farmers</i> Q&A
12:20~12:30	AI4ClimateAction: AI Innovation Challenge 2024 Letetia Mary Addison <i>AI-Driven Climate Resilience Platform for SIDS (AI4SIDS)</i>

Summary and closing

12:30~12:40	Closing remark <i>Hosting country – Panama NDE</i>
12:40~13:00	Closing and way forward with CTCN

	Ariesta Ningrum <i>CTCN Director</i>
General lunch for all with specific grouping on f-gas topic	
13:00~14:00	Matchmaking Lunch <i>NDEs who indicated their attendance via pre-program survey</i>
Ad-hoc program: Parallel Clinic Session – NSI and Digitalization including Artificial Intelligence <i>CTCN secretariat</i>	
14:00~17:00	Bilateral with NDEs upon request (as indicated through the pre-program survey) <i>In participation of prospective financing entity and other stakeholders</i>
Ad-hoc program: Parallel Clinic Session – Water-Energy-Food Nexus and Energy Systems <i>CTCN secretariat</i>	
14:00~17:00	Meetings with NDEs upon request (as indicated through the pre-program survey) <i>In participation of prospective financing entity and other stakeholders</i>

Annex IX – Solution trees

Group 1: Antigua and Barbuda, Belize, Haiti, Jamaica, St. Kitts and Nevis, St. Lucia



Group 2: Brazil, Bolivia, Colombia, Costa Rica, Chile, Cuba, Dominica, Dominican Republic, Ecuador, Guatemala, Panama, Paraguay, Peru, Uruguay, Venezuela

