

Results of the CTCN Network Survey

Cover Note

A. Background

1. Decision 1/CP.16, paragraph 123 decides that the Climate Technology Centre shall facilitate a network of national, regional, sectoral, and international technology networks, organizations, and initiatives with a view to engaging the participants of the Network effectively in a number of functions¹.
2. At its third meeting, the Advisory Board approved the Network membership criteria. The Climate Technology Centre and Network (CTCN) applies these criteria to guide the structure of the Network and to designate organizations as its members. At its sixth meeting, the Board agreed to lift the expiry date for membership duration as well as decided to expand the roles of the Network beyond the implementation of technical assistance.
3. CTCN Network members are selected on the basis of their technical competence, alignment with the CTCN's mandate, and commitment to supporting developing country National Designated Entities (NDEs). Members are expected to engage actively and meaningfully, contributing to both CTCN-led initiatives and independently initiated collaborations.
4. In light of emerging trends and evolving areas of activity, the Secretariat launched a second Network member survey to assess current trends and expectations, and to identify new potential avenues for collaboration.

B. Scope of the note

5. The Network Survey Report 2025 contained in the annex outlines the purpose, methodology, and outcomes of the Network member survey. It describes the survey's thematic focus, including the assessment of member engagement, identification of emerging trends, and exploration of new opportunities for collaboration. It provides a detailed analysis of the survey results, incorporating selected direct quotations from

¹ <https://unfccc.int/resource/docs/2010/cop16/eng/07a01.pdf>

respondents to illustrate key findings, and highlighting both strengths and areas requiring improvements.

6. The analysis also identifies actionable recommendations to guide future CTCN activities in this area and particularly to inform the development of the Network engagement strategy which will be presented and discussed at this Advisory Board meeting.

C. Possible action by the CTCN Advisory Board

7. The Advisory Board will be invited to discuss and take note of the information presented.

Annex

Network Survey Report 2025

1. An Overview of the CTCN Network Membership

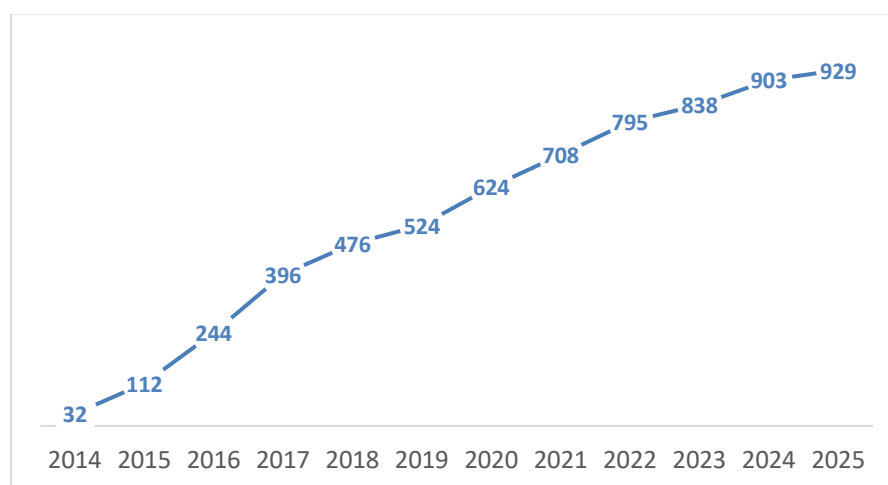
1.1. COP Mandate and Advisory Board Guidance

According to the terms of reference of the CTCN (Decision 2/CP.17, Annex VII), the CTCN consists of a Climate Technology Centre and a Network “with the participation of the relevant institutions capable of responding to requests from developing country Parties related to technology development and transfer, including national technology centres and institutions; regional and sectoral organizations, partnerships and initiatives that may contribute to technology deployment and transfer; and research, academic, financial, non-governmental, private-sector and public-sector organizations, partnerships and initiatives.”

The terms of reference also defined that the members of the Network “undertake the substantive work to address requests made to the Climate Technology Centre by developing country Parties.” The Network and its primary roles are guided by Decision 1/CP.16, paragraph 123².

At the 6th meeting of CTCN AB in the CTCN applies the Network criteria for the structure of the Network and for the designation of organizations as its members. As of June 2025, the Network has grown to include 929 members worldwide.

Figure 1. CTCN Network Membership Growth (2014–2025, as of June 2025)



² <https://unfccc.int/resource/docs/2010/cop16/eng/07a01.pdf>

1.2. Membership Conditions and Validity

According to the current criteria³, organizations seeking to join the Network must:

1. **Have an appropriate institutional structure**, such as a national or regional technology centre, intergovernmental or international organization, academic or research institution, private sector company, financial institution, or public sector body.
2. **Demonstrate relevant expertise** in the development, transfer, or deployment of climate technologies for developing countries. This includes capacity in policy development, technical implementation, capacity building, and/or investment mobilization.
3. **Show operational and organizational stability**, supported by adequate financial and human resources relative to the organization's mandate and size.
4. **Pledge to uphold the CTCN Code of Conduct** and demonstrate a commitment to active and responsible engagement with the Network.

According to the guiding principles of network members criteria approved at the AB3, the Network membership operates on a merit-based model. Members are selected based on their technical competence, relevance to CTCN's mandate, and commitment to supporting developing country NDEs. Participation is expected to be active and meaningful, contributing to both CTCN-led and independently initiated collaborations.

The CTC monitors member activity and may periodically review membership based on engagement levels and compliance with the Code of Conduct.

Since AB6⁴, Network membership no longer has fixed term and shall remain valid provided that the eligibility criteria continue to be met and the CTCN Code of Conduct is adhered to.

1.3. Membership Application and Assessment process

The CTCN follows a structured and time-bound process to assess applications for membership, typically completed within six weeks. This ensures that only qualified, credible, and committed organizations are admitted, thereby maintaining the integrity and effectiveness of the Network.

The process begins with the submission of an application via CTCN website, which is acknowledged within two working days. The application is recorded and then reviewed for completeness within one week. If any required information is missing, the applicant is promptly requested to provide additional details. Once deemed complete, the application moves into the evaluation phase⁵, which spans approximately four or five weeks.

Following the assessment, the final decision is made within five working days. Successful

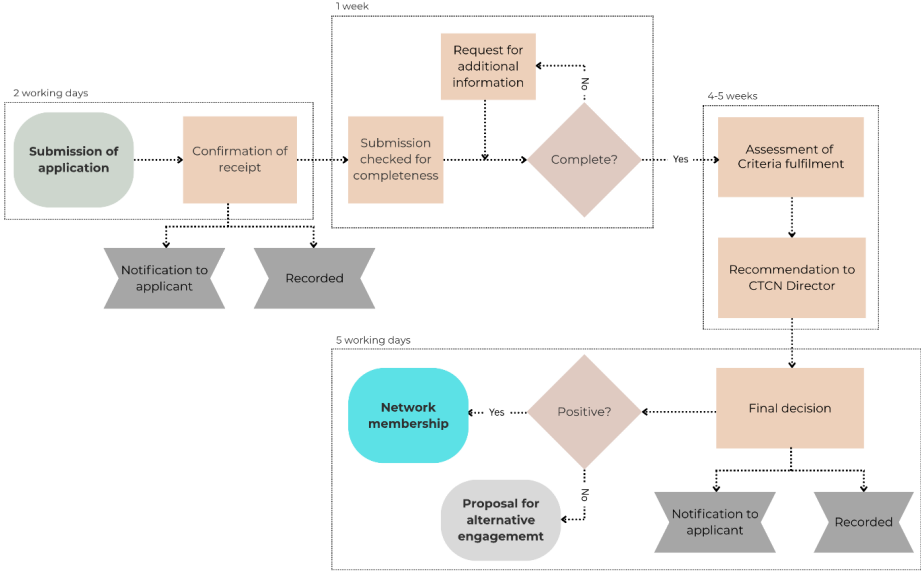
³ <https://www.ctc-n.org/whats-happening/events/3rd-ctcn-advisory-board-meeting>

⁴ https://www.ctc-n.org/sites/default/files/AB20156%209c%20Network_Criteria%20Final%20for%20review.pdf

⁵ During this phase, the organization is assessed against the four Network criteria. (1) appropriate institutional structure, (2) proven capability in climate technology development and transfer, (3) operational and organizational stability, and (4) commitment to the CTCN Code of Conduct.

applicants are granted CTCN membership, while those not meeting the criteria may be offered alternative forms of collaboration. Notifications are sent to all applicants, and outcomes are recorded for transparency.

Figure 2. CTCN Membership Application Assessment Process



1.4. Profile of the Network Members

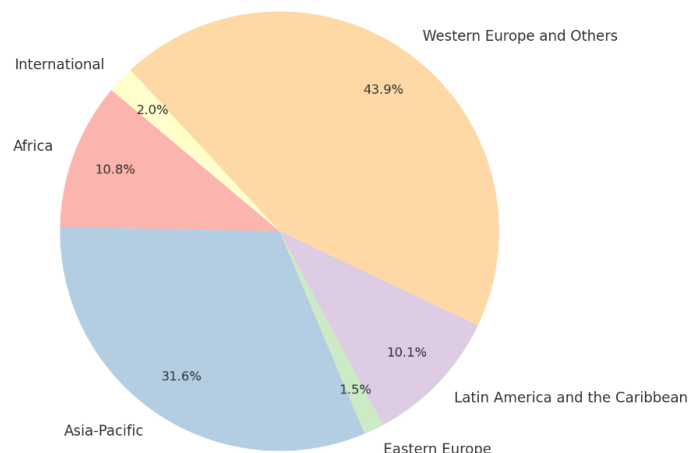
Among the 929⁶ Network members (as June 2025), 45.2 percent from Annex I countries and 52.7 percent from Non-Annex I countries. Regionally, 33 percent are from Asia and the Pacific, 43 percent from Europe and North America, 12 percent from Africa, and 10 percent from Latin America and the Caribbean (LAC).

Table1. Distribution of Network members by Party classification (as of June 2025)

Network by Parties	Number	Percentage
Annex I	421	45.3%
Non-Annex I	489	52.6%
International	19	2.1%
TOTAL	929	100.0%

⁶ Note: While previous figures referenced 929 Network members as of June 2025, this analysis uses the Apri2025 count (912 members) to ensure consistency with the survey reference period.

Figure 3. Regional distribution of Network members (as of June 2025)



The private sector comprises nearly 50 percent of the Climate Technology Centre and Network (Table 2), with most members representing small and medium-sized enterprises (SMEs), where many innovative mitigation and adaptation technologies are being developed and adapted.

Table 2. Distribution of Network members by type of organization (as of June 2025)

Type of Organization	Counts	%
Private sector organization	498	53.6%
Research and academic institution	149	16.0%
Non-governmental organization	104	11.2%
Not for profit organization	76	8.2%
Public sector organization	48	5.2%
Intergovernmental organization	19	2.0%
Other	12	1.3%
Partnership	9	1.0%
Initiative	5	0.5%
Financial institution	4	0.4%
Specialized agency	2	0.2%
Government/Ministry	1	0.1%
Local government	1	0.1%
Regional organization	1	0.1%
Total	929	100.0%

2. Network Survey 2025: Results and Findings

2.1. Survey Overview

The CTCN Network survey 2025 was conducted between 20 April and 10 May 2025 and sent to 912 Network members. A direct link to the survey was sent out to primary and secondary contact points of Network members. Among them, 179 valid responses were collected, and respondents took an average of eight minutes to complete the survey.

The survey consisted of a total of 23 questions (refer to Attachment). Questions were mainly closed-ended (7 single and 8 multiple choice), related to CTCN services. It also included 8 open-ended questions to allow respondents to provide further feedback relating to their experiences with the CTCN.

Table 3. Network survey 2025 structure

Question No.	Description
Q1–Q5	Basic information about the organization: Network reference number, country, type and size.
Q6–Q10	Engagements in technical assistance: past experience, future needs, gaps, and challenges
Q11–Q15	Engagements in capacity building: past experience, future needs, gaps, and challenges
Q16–Q20	Engagements in knowledge sharing: past experience, future needs, gaps, and challenges
Q21	Emerging engagement needs beyond the three key service areas
Q22	Suggestions for network engagement
Q23	Willingness to participate in an interview

For comparison, the first CTCN Network survey was conducted in 2019 with 502 Network members and received 119 responses. It also consisted of 23 questions, but relied more heavily on Likert scale questions to assess satisfaction and expectations, with fewer multiple-choice and open-ended items. The 2025 survey, by contrast, reflects the Network’s significant growth and maturity, featuring more detailed member profiles, targeted questions on gaps and challenges, and new items such as willingness for an interview. This evolution allowed for more nuanced and forward-looking feedback, highlighting emerging engagement needs and strategic opportunities not as distinctly captured in the 2019 exercise.

2.2. Profile of Respondents

2.2.1. Regional distribution

As shown below, Network members from 60 countries participated in the survey. Among the 179 responses analyzed, the majority were from the Asia-Pacific region (35.2 percent), followed by the Western European and Others Group (34.6 percent), and Latin America and the Caribbean (14.5 percent). Africa accounted for 13.4 percent of the responses, while smaller shares came from Eastern Europe (1.1 percent) and international entities not associated with a specific country (1.1 percent). In terms of Party classification, 63.1 percent of respondents were from Non-Annex I Parties, 35.8 percent from Annex I Parties, and 1.1 percent from international entities.

Latin America and the Caribbean recorded the highest regional response rate (27.7 percent), followed by Africa (24.0 percent) and Asia-Pacific (21.4 percent). Non-Annex I Parties showed the highest response rate (23.1 percent), compared to Annex I Parties (15.5 percent) and international entities (10.5 percent).

Table 4. Respondents and response rates by region

Region	Respondents	Network Members	Response rate
Africa	24	100	24.0%
Asia-Pacific	63	294	21.4%
Eastern Europe	2	14	14.3%
International	2	19	10.5%
Latin America and the Caribbean	26	94	27.7%
Western European and Others Group	62	408	15.2%
Total	179	912	19.6%

Table 5. Respondents and response rates by Party classification

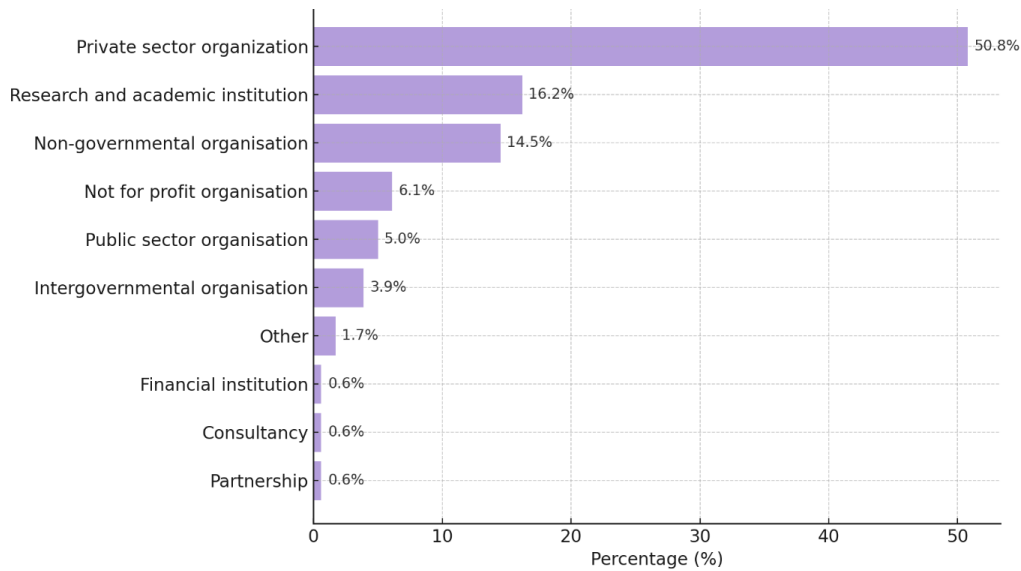
Row Labels	Respondents	Network Members	Response rate
Annex I	64	412	15.5%
Non-Annex I	113	489	23.1%
International	2	19	10.5%
Total	179	912	19.6%

2.2.2. Type of organizations⁷

Among the respondents, the majority were from private sector organizations, accounting for 50.8 percent of total responses. This indicates that the Network has strong engagement with private sector entities. The second-largest group was research and academic institutions (16.2 percent), followed closely by non-governmental organizations (14.5 percent), highlighting meaningful participation from knowledge-based and civil society actors.

Figure 4. Respondents by type of organization

⁷ This analysis is not based on responses to survey question Q4, but rather on the official organization types as registered in the CTCN Network database.



2.2.3. Size of organizations

The majority of survey respondents were from small and medium-sized enterprises (SMEs), with 41.9 percent representing small enterprises (3–19 employees) and 35.8 percent from medium-sized enterprises (20–99 employees). In contrast, only a small portion of respondents came from larger organizations, including corporations (11.7 percent), large enterprises (8.4 percent), and conglomerates (1.7 percent).

Table 6. Distribution of respondents by size of company

Size of Organization	Counts
3 - 19 (Size of small enterprise)	41.9%
20 - 99 (Size of medium enterprise)	35.8%
250 -10,000 (Size of corporation)	11.7%
100 - 249 (Size of large enterprise)	8.4%
10,000+ (Size of conglomerates)	1.7%
others	0.6%
Total	100.0%

2.3. Engagement in Technical Assistance

2.3.1. Network Engagement in Technical Assistance (Q6) and Reported Outcomes (Q7)

Among 179 valid responses, the most common forms of past engagement included articulating TA requests (38 percent), developing response plans (33 percent), and serving as Implementing Partners (30.2 percent). 83 respondents (46.4 percent) reported no prior engagement in Technical Assistance.

Table7. Network Engagement in Technical Assistance (Q6)

Types of Engagement	Counts	%
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Providing technical expertise in articulating TA requests (e.g., identifying currently available climate technologies, refining requests in consultation with NDEs)	68	38.0%
Contributing technical expertise to develop technically feasible TA response plans	59	33.0%
Serving as an Implementing Partner in TA	54	30.2%
Providing follow-up on TA implementation, including Monitoring & Evaluation (M&E) and the quality of TA responses, in consultation with the requesting NDE	29	16.2%
Other	20	11.2%
Contributing as a Local or Gender Expert in TA	18	10.1%
None of the above	83	46.4%
Grand Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

A follow-up open-ended question (Q7) asked respondents to describe any positive or beneficial outcomes that resulted from their engagement in Technical Assistance (TA). While the responses varied, several emphasized tangible results in areas such as institutional capacity, technology implementation, and strategic positioning. Some of the quotes include:

"Yes, our engagement with CTCN as a local implementing partner in technical assistance for sustainable water and sanitation solutions in Indigenous communities of Bangladesh led to meaningful outcomes... This partnership not only improved access to clean water and sanitation for marginalized populations but also strengthened our organizational capacity and visibility in climate adaptation work."

"Being part of the CTCN network increases our credibility when talking to foreign companies in this space."

2.3.2. Preferred Types of Future Engagement in Technical Assistance (Q8)

Among 179 valid responses, the most common preferred forms of future engagement in Technical Assistance included articulating TA requests (69.8 percent), developing response plans (69.3 percent), and serving as Implementing Partners (66.5 percent). 7 respondents (3.9 percent) selected "None of the above."

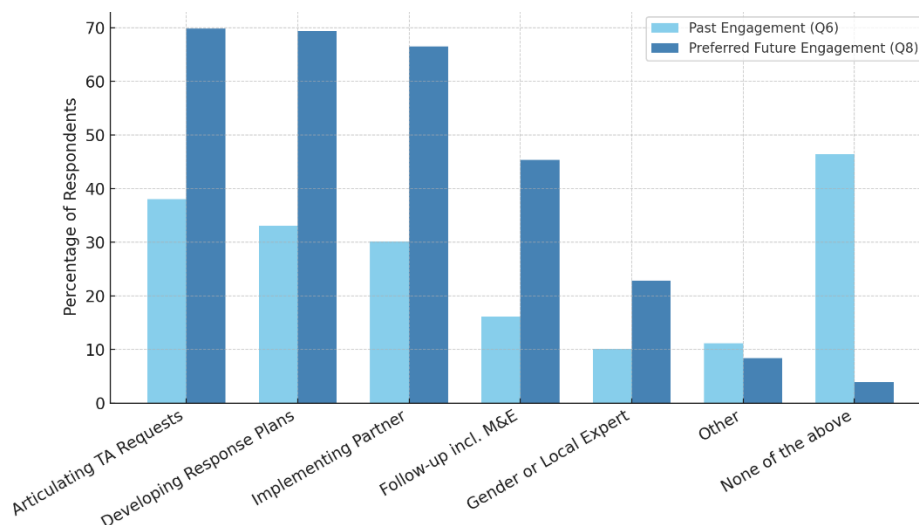
Table 8. Preferred TA Engagement Opportunities (Q8)

Preferred TA Engagement Opportunities	Counts	%
Providing technical expertise in articulating TA requests (e.g., identifying currently available climate technologies, refining requests in consultation with NDEs)	125	69.8%
Contributing technical expertise to develop technically feasible TA response plans	124	69.3%
Serving as an Implementing Partner in TA	119	66.5%
Providing follow-up on TA implementation, including Monitoring & Evaluation (M&E) and the quality of TA responses, in consultation with the requesting NDE	81	45.3%
Contributing as a Local or Gender Expert in TA	41	22.9%
Other	15	8.4%
None of the above	7	3.9%
Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

When comparing past engagement (Q6) and preferred future engagement (Q8), a significant increase in interest is observed across all areas of Technical Assistance. For example, engagement in articulating TA requests rose from 38 percent to 69.8 percent, and participation as Implementing Partners increased from 30.2 percent to 66.5 percent. The share of respondents selecting “None of the above” dropped from 46.4 percent to just 3.9 percent, indicating a strong overall interest in future involvement.

Figure 9. Comparison of Past and Preferred Future Engagement in TA (Q6 vs Q8)



Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

2.3.3. Barriers to Participation and Suggested Improvements in TA Engagement (Q9–Q10)

A total of 178⁸ valid responses were received for Q9. Respondents who had not engaged in TA were asked to identify the reasons, with multiple selections allowed. The most frequently cited reason was “We haven’t come across a request for proposal that aligns with our expertise” (49.4 percent), followed by “There haven’t been relevant opportunities for the countries we focus on” (40.5 percent) and “Limited funding or resources to support collaboration” (33.7 percent).

Other common barriers included difficulty in identifying and connecting with relevant partners (31.5 percent) and complexity of the application procedure (24.7 percent). A smaller proportion of respondents highlighted issues such as the competitiveness of the bidding process (22.5 percent), project scale or funding being too small (21.4 percent), and contracting barriers (13.5 percent).

Table 10. Reasons for Not Participating in Technical Assistance (TA) (Q9)

⁸ Multiple responses were allowed. Percentages reflect 178 valid responses. One respondent did not answer this question.

Reasons for Not Participating in Technical Assistance	Counts	%
We haven't come across a request for proposal that aligns with our expertise	88	49.4%
There haven't been relevant opportunities for the countries we focus on	72	40.4%
Limited funding or resources to support collaboration	60	33.7%
Difficulty in identifying and connecting with relevant partners	56	31.5%
The application procedure for CTCN bids feels too complex	44	24.7%
The bidding process is highly competitive, making it difficult to allocate resources	40	22.5%
The project scale and funding are too small for us to apply	38	21.3%
Administrative or procedural barriers in contracting	24	13.5%
Other	23	12.9%
Our main reason for joining the Network was not project implementation	11	6.2%
Total	178	100.0%

Note: Multiple responses were allowed. Percentages reflect 178 valid responses.

In response to Q10, which invited suggestions on additional activities or thematic areas to help address existing gaps and needs, respondents offered a broad array of proposals. Key patterns across more than 70 open-ended responses include:

- **Simplification of processes:** Multiple respondents recommended reducing complexity in the application and proposal procedures, including easier eligibility criteria and clearer submission guidelines.
- **Improved access and communication:** Suggestions included advanced notice of TA opportunities, better outreach to smaller or non-English-speaking members, and regional matchmaking events to connect local and international partners.
- **Capacity building and support:** There were calls for more training, coaching, and webinars to help members, especially smaller organizations, better prepare for TA engagement.
- **Targeted thematic focus:** Respondents proposed support in specific areas such as renewable energy, waste management, agriculture, and digital climate technologies.

2.4. Engagement in Capacity Building

2.4.1. Participation in Capacity Building Activities and Reported Benefits (Q11–Q12)

Among 179 valid responses, the most common past engagement activities in the area of capacity building included "Delivering training to support technology identification and deployment" (25.7 percent), "Providing support on project development and financing" (17.3 percent), and "Co-hosting training or learning visits" (12.8 percent). A total of 119 respondents (66.5 percent) reported "None of the above", indicating no prior engagement in these capacity building activities.

Table 11. Past Engagement in Capacity Building Activities (Q11)

Past Engagement in Capacity Building Activities	Counts	%
Delivering training and support to identify technology options, assess new and emerging technologies, make technology choices and operate, maintain and adapt technology	46	25.7%
training and support on programmes or projects seeking a range of needs including financing and proposal development	31	17.3%
Co-hosting learning visits to disseminate available technology options and its climate impacts to stakeholders	23	12.8%
Other	11	6.1%
Supporting CTCN through secondment (in-kind resource contribution)	7	3.9%
None of the above	119	66.5%
Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

A follow-up open-ended question (Q12) asked respondents to describe any positive or beneficial outcomes that resulted from their engagement in capacity building activities. Among those who responded with examples, many pointed to enhanced technical knowledge, improved local capacity, and strengthened project visibility. Several responses also highlighted collaboration opportunities and tangible project outcomes.

Representative responses include:

"We've been invited to support Pacific NDE capacity building in 2024, and it worked really well because we co-hosted co-design activities that uncovered common areas of interest among Pacific countries."

"Yes, our engagement with CTCN in delivering training and supporting technology identification led to positive outcomes during our initiative to improve climate-resilient water and sanitation systems in flood-prone Indigenous areas of Bangladesh."

2.4.2. Preferred Opportunities for Future Engagement in Capacity Building (Q13)

Among the 179 respondents, the most commonly preferred future engagement opportunity in the capacity building service area was "Delivering training and support to identify technology options, assess new and emerging technologies, make technology choices and operate, maintain and adapt technology" (77.7%), followed by "Training and support on programmes or projects seeking a range of needs including financing and proposal development" (65.9%), and "Co-hosting learning visits to disseminate available technology options and its climate impacts to stakeholders" (52.5%). Other options such as "Supporting CTCN through secondment (in-kind resource contribution)" (24.6%) and "Other" (5.0%) were also selected, while only a small fraction (5.0%) selected "None of the above."

Table 12. Preferred Future Engagement Opportunities in Capacity Building (Q13)

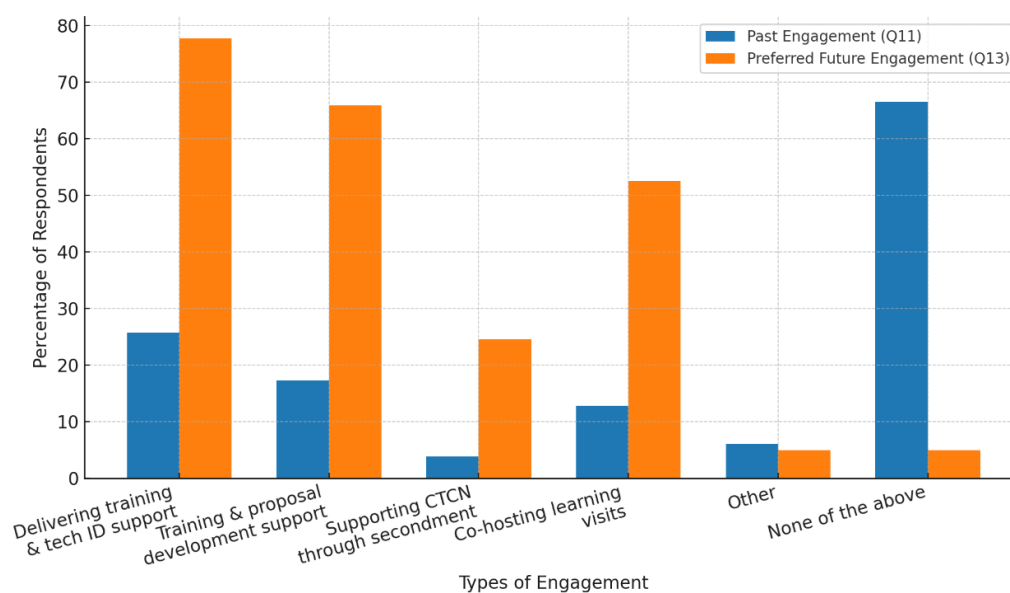
Preferred Future Engagement Opportunities in Capacity Building	Counts	%
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Delivering training and support to identify technology options, assess new and emerging technologies, make technology choices and operate, maintain and adapt technology	139	77.7%
training and support on programmes or projects seeking a range of needs including financing and proposal development	118	65.9%
Co-hosting learning visits to disseminate available technology options and its climate impacts to stakeholders	94	52.5%
Supporting CTCN through secondment (in-kind resource contribution)	44	24.6%
Other	9	5.0%
None of the above	9	5.0%
Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

When comparing past engagement (Q11) and preferred future engagement (Q13) in the Capacity Building service area, there is a notable increase in interest across all engagement types. Participation in “Delivering training and support to identify technology options...” rose significantly from 25.7 percent (Q11) to 77.7 percent (Q13). Engagement in “Training and support on programmes or projects seeking a range of needs, including financing and proposal development” increased from 17.3 to 65.9 percent. “Co-hosting learning visits...” also recorded an increase from 12.8 to 52.5 percent. Notably, the share of respondents selecting “None of the above” decreased sharply from 66.5 to just 5 percent, indicating a strong and growing interest in future capacity building activities.

Figure 5. Comparison of Past and Preferred Future Engagement in CB (Q11 vs Q13)



Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

2.4.3. Barriers to Participation and Suggestions for Improvement (Q14–Q15)

In the area of capacity building, the most frequently reported challenge was "Difficulty finding

opportunities that align with our interests", selected by 69.1 percent of the 178⁹ institutions. This indicates that many network members face a mismatch between available opportunities and their specific expertise, thematic priorities, or regional focus. The second most common barrier was "Limited funding or resources to support collaboration" (45.5 percent), highlighting persistent resource constraints that hinder active participation. Additionally, 24.7 percent of respondents pointed to the "Need for enhanced technical expertise or specialized programmes", suggesting a demand for more tailored and advanced capacity building support. "Administrative or procedural barriers for developing capacity building programmes" were also noted by 21.3 percent of respondents.

Table 13. Reported Challenges in Capacity Building Engagement (Q14)

Reported Challenges in Capacity Building Engagement	Counts	%
Administrative or procedural barriers for developing capacity building programmes	38	21.3%
Difficulty finding opportunities that align with our interests	123	69.1%
Limited funding or resources to support collaboration	81	45.5%
Need for enhanced technical expertise or specialized programmes	44	24.7%
Other	14	7.9%
Total	178	100.0%

Note: Multiple responses were allowed. Percentages reflect 178 valid responses.

In response to Q15, network members shared diverse suggestions to address ongoing challenges and better align with their needs. Key themes identified from the open-ended responses include:

- **More localized and inclusive approaches:** Respondents emphasized the importance of regional or subregional training hubs, local language toolkits, and inclusive programmes tailored to local communities, including Indigenous populations and youth-led or community-based organizations.
- **Improved access to funding and resources:** Several responses called for micro-grants, seed funding, or small-scale pilot support, particularly to enable civil society organizations and smaller institutions to participate in CTCN initiatives while minimizing administrative requirements.
- **Enhanced communication and transparency:** Participants suggested clearer guidance on proposal selection, timely communication on opportunities, and more direct dialogue between the CTCN and its network members to improve visibility and feedback on application processes.

⁹ Multiple responses were allowed. Percentages reflect 178 valid responses. One respondent did not answer this question.

- **Administrative and procedural flexibility:** A number of respondents requested that CTCN funding be made directly accessible to organizations as well as for simplified procedures and better matchmaking support between NDEs and network members.
- **Tailored capacity building support:** Proposals included training on proposal development, project design and validation, and volunteer or internship opportunities at the CTCN. Mentorship programmes and peer learning between experienced and emerging institutions were also recommended.
- **Expanded thematic priorities:** Suggested areas for future engagement included climate-smart agriculture, early warning systems, carbon capture, clean energy access, waste-to-energy, green hydrogen, and AI-based environmental monitoring.

2.5. Engagement in Knowledge Sharing

2.5.1. Participation in Knowledge Sharing and Experienced Outcomes (Q16–Q17)

Among 179 respondents, the most common forms of participation included “Accessing publications, resources, news, and tools through the CTCN website” (22.9 percent) and “Co-hosting webinars or events on the best practices on technology transfer and sharing knowledge on climate technology” (20.7 percent). Over half (52.0 percent) reported no prior engagement in knowledge-sharing activities with CTCN.

Table 14. Modes of Participation in Knowledge-Sharing Activities with CTCN (Q16)

Modes of Participation in Knowledge-Sharing Activities with CTCN	Counts	%
Accessing publications, resources, news and tools through the CTCN website	41	22.9%
Co-hosting webinars or events on the best practices on technology transfer and sharing knowledge on climate technology	37	20.7%
Engaging in UNFCCC COP events to raise awareness of the role of climate technologies in implementing nationally determined contributions	34	19.0%
Participating in NDE forums to facilitate knowledge exchange	29	16.2%
Taking part in climate technology policy dialogues, including CTCN Advisory Board meetings	28	15.6%
Showcasing your solution, products, services on CTCN website	22	12.3%
Authoring CTCN publications and policy briefs	10	5.6%
Other	4	2.2%
None of the above	93	52.0%
Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

A follow-up open-ended question (Q17) asked respondents to describe any positive or meaningful outcomes resulting from their engagement in knowledge sharing activities with the CTCN. Common themes included improved technical understanding, enhanced institutional visibility, expanded collaboration, and contributions to international events and dialogues. Representative responses include:

“By accessing CTCN’s publications and tools, we were able to incorporate more precise technical language, case studies, and technology options into our concept notes and project proposals.”

“Yes, we co-hosted a regional webinar with CTCN focused on best practices in climate-resilient water and sanitation technologies tailored for vulnerable and Indigenous communities in South Asia... The webinar facilitated meaningful knowledge exchange... and opened doors for future collaboration and technical support.”

2.5.2. Preferred Opportunities for Future Knowledge Sharing (Q18)

Among 179 respondents, the most preferred opportunities for future knowledge sharing included “Co-hosting webinars or events...” (63.1 percent) and “Engaging in UNFCCC COP events...” (62.0 percent), reflecting strong interest in more visible and interactive formats. Over half also expressed a desire to participate in “Climate technology policy dialogues” (58.1 percent) and “NDE forums” (59.8 percent), indicating demand for more inclusive and participatory engagement platforms.

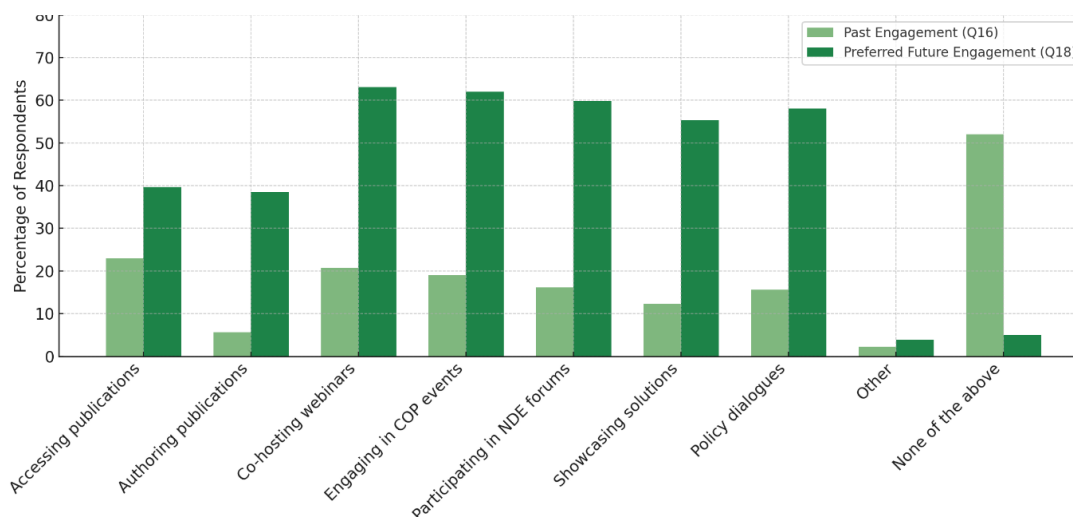
Table 15. Preferred engagement in Knowledge Sharing Activities with CTCN (Q18)

Preferred engagement in Knowledge Sharing Activities with CTCN	Counts	%
Co-hosting webinars or events on the best practices on technology transfer and sharing knowledge on climate technology	113	63.1%
Engaging in UNFCCC COP events to raise awareness of the role of climate technologies in implementing nationally determined contributions	111	62.0%
Participating in NDE forums to facilitate knowledge exchange	107	59.8%
Taking part in climate technology policy dialogues, including CTCN Advisory Board meetings	104	58.1%
Showcasing your solution, products, services on CTCN website	99	55.3%
Accessing publications, resources, news and tools through the CTCN website	71	39.7%
Authoring CTCN publications and policy briefs	69	38.5%
None of the above	9	5.0%
Other	7	3.9%
Grand Total	179	100.0%

Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

The analysis of Q16 (past engagement) and Q18 (preferred future engagement) in knowledge sharing activities reveals a strong desire among network members to increase involvement across nearly all categories. Notably, “Co-hosting webinars or events” saw a significant jump from 20.7 to 63.1 percent, and “Engaging in UNFCCC COP events” increased from 19 to 62 percent, suggesting that participants see high value in interactive, visibility-enhancing platforms. “Participating in NDE forums”, “Policy dialogues”, and “Showcasing solutions” also showed increases of over 40 percentage points each. Importantly, the share of respondents selecting “None of the above” dropped sharply from 52 to 5 percent, indicating a clear appetite for more meaningful engagement in future CTCN knowledge sharing activities.

Figure 6. Comparison of Past and Preferred Future Engagement in KS (Q16 vs Q18)



Note: Multiple responses were allowed. Percentages reflect 179 valid responses.

2.5.3. Challenges in Knowledge Sharing and Suggested Activities (Q19–Q20)

Based on responses to Q19 (n=176¹⁰), the most commonly cited challenge in knowledge sharing was “Lack of communication on opportunities, events, workshops and trainings” (65.9 percent), followed by “Limited content tailored to specific regional or sectoral needs” (53.4 percent) and “Difficulty in reaching required resources on website” (26.7 percent).

Table 16. Challenges in Knowledge Sharing Activities with CTCN (Q19)

Challenges in Knowledge Sharing Activities with CTCN	Counts	%
Lack of communication on opportunities, events, workshops and trainings	116	65.9%
Limited content tailored to specific regional or sectoral needs	94	53.4%
Difficulty in reaching required resources on website	47	26.7%
Other	17	9.7%
Total	176	100.0%

In response to Q20, respondents were invited to suggest additional activities or thematic areas to help address knowledge sharing gaps and unmet needs. A wide range of practical and strategic ideas was shared, reflecting both technical and communication-related priorities.

- Enhanced communication and accessibility:** Many respondents recommended improving the accessibility and usability of the CTCN website, as well as providing region-specific information. Suggestions included curated regional newsletters, searchable content hubs, and clearer communication channels (e.g., email alerts, LinkedIn groups, and social media updates).

¹⁰ Multiple responses were allowed. Percentages reflect 176 valid responses. Three respondents did not answer this question.

- **Stronger member engagement and peer exchange:** Participants emphasized the importance of member-to-member interaction through regular webinars, success story sharing, and spaces for showcasing members' solutions. There was a particular interest in platforms that enable both visibility and collaboration across the network.
- **Thematic knowledge sharing:** Respondents proposed more training and technical sessions tailored to regional and sectoral contexts. Suggested thematic areas included gender-responsive climate solutions, Indigenous and community-led innovation, climate-health links, and digital climate technologies such as AI-based monitoring tools.
- **Clearer engagement pathways:** Several respondents expressed uncertainty about how to actively engage with CTCN, pointing to a need for simplified onboarding information and clearer guidance on how to participate in knowledge sharing initiatives.

2.6. Other Suggestions and Opportunities

2.6.1. Additional Engagement Opportunities Beyond Current Service Areas (Q21)

To explore potential areas of engagement beyond CTCN’s existing service offerings, respondents were asked to identify preferred opportunities (Q21).

Table 17. Future Engagement Areas Beyond Existing Services (Q21)

Future Engagement Areas Beyond Existing Services	Counts	%
Preparation of concept notes, project funding proposals to access financial mechanisms and other climate funds	136	76.0%
Conducting joint research, establishing a twinning arrangement for cooperative research and development to support countries in strengthening National Systems of Innovation	112	62.6%
Collaborating in planning, and co-hosting forums to leverage resources from relevant agencies and promote public and private investment	85	47.5%
Participating in matchmaking events to secure funding for completed TAs	82	45.8%
Providing activity-based financial contributions (offering venues, providing consulting services etc)	74	41.3%
Other	9	5.0%
Grand Total	179	100.0%

2.6.2. General Suggestions to Improve Network Engagement (Q22)

In response to Q22, participants provided a wide range of suggestions to enhance network engagement, particularly emphasizing more inclusive, timely, and regionally tailored support. The key themes identified are as follows:

- **Simplification and support in participation processes:** Many respondents requested clearer, simpler procedures for applying to CTCN activities, including Technical Assistance and funding calls. Suggestions included guidance on preparing concept

notes, mentorship programmes, and dedicated proposal support for new and smaller members.

- **More inclusive and regionally tailored engagement:** Several proposals for regionally adapted resources, such as language-specific materials (e.g., Arabic, Korean), country-specific outreach, and more representation of grassroots and Indigenous organizations in activities and dialogues.
- **Enhanced communication and visibility:** Respondents emphasized the need for early and transparent communication of upcoming opportunities, increased networking activities (both virtual and in-person), and better visibility for members' contributions through CTCN platforms.
- **Stronger facilitation by NDEs and regional coordination:** Several inputs recommended regular coordination meetings with NDEs and thematic working groups to foster collaboration, align priorities, and enhance policy-to-practice linkages.
- **Youth engagement and innovation platforms:** A few responses proposed initiatives targeting youth and emerging professionals, including "Youth for Climate Technology" programmes and innovation labs for capacity building and experimentation.

Attachment. Network survey 2025 questions



Network Engagement Survey - Your Opinion Matters.

Dear Network Members,

We invite you to participate in a brief survey designed to shape the future direction of the CTCN's Network engagement activities together. The goal of this survey is firstly to gather your valuable input on past activities and secondly ensure that our future activities align with your interests in line with COP decisions on the functions of the Network.

The survey primarily includes multiple-choice questions and should take no more than 15 minutes to complete. It covers your past engagement activities, challenges you have encountered, and opportunities you would like to see expanded in three key service areas of the CTCN: 1) providing Technical Assistance, 2) strengthening the capacity of developing countries, and 3) facilitating knowledge sharing and the provision of information.

Please submit your responses by May 10. Your feedback will directly inform more meaningful and relevant activities for the Network. We appreciate your time and honest opinions.

CTCN Director,

Ariesta Ningrum

**DISCLAIMER: Please note that all responses will be kept confidential for internal purposes, and the results will be presented in an anonymous manner.*

Survey questions

1. Network reference number (e.g., N0123, can be found in your membership letter)
2. Name of your organization
3. Country you are registered in
4. Type of organization
 - Technology solution provider
 - Consultancy,
 - Financial institutions, venture capital, MDBs, banks, investment firms, microfinance institutions, insurance companies etc.
 - Research and academic institution
 - Public sector organization
 - Not-for-profit organization
 - Non-governmental organization
 - Partnership and initiative
 - Intergovernmental organization
 - UN organization

Other

5. Choose the applicable size of your organization considering the number of employees :
(classification follows the World Bank report.)
 - 3-19 (size of small enterprise)
 - 20-99 (size of medium enterprise)
 - 100-249 (size of large enterprise)
 - 250-10,000 (size of corporation)
 - 10,000+ (size of conglomerates)
 - Other

6. In what capacity have you engaged with CTCN in this service area? (Select all that apply)
 - Providing technical expertise in articulating TA requests (e.g., identifying currently available climate technologies, refining requests in consultation with NDEs)
 - Contributing technical expertise to develop technically feasible TA response plans
 - Serving as an Implementing Partner in TA
 - Contributing as a Local or Gender Expert in TA
 - Providing follow-up on TA implementation, including M&E and the quality of TA responses, in consultation with the requesting NDE
 - Other
 - None of the above

7. Can you share any examples in this service area where your engagement with CTCN resulted in positive, meaningful, or beneficial outcomes for you? If none, please go to the next question.
8. What types of engagement opportunities would you like to see more of in this service area? (Select all that apply)
 - Providing technical expertise in articulating TA requests (e.g, identifying currently available climate technologies, refining requests in consultation with NDEs)
 - Contributing technical expertise to develop technically feasible TA response plans
 - Serving as an IP in TA
 - Contributing as a Local or Gender Expert in TA
 - Providing follow-up on TA implementation, including M&E and the quality of TA responses, in consultation with the requesting NDE
 - Other
 - None of the above

9. Please select the area(s) where you have encountered gaps and challenges. (select all that apply)
 - We haven't come across a request for proposal that aligns with our expertise.
 - There haven't been relevant opportunities for the countries we focus on
 - The project scale and funding are too small for us to apply
 - The bidding process is highly competitive, making it difficult to allocate resources
 - The application procedure for CTCN bids feels too complex
 - Our main reason for joining the Network was not project implementation
 - Difficulty in identifying and connecting with relevant partners
 - Limited funding or resources to support collaboration
 - Administrative or procedural barriers in contracting
 - Other

10. Please suggest any additional activities or thematic areas that would help you address the gaps and needs.

11. In what activities have you engaged in with CTCN in this service area? (select all that apply)
 - Delivering training and support to identify technology options, assess new emerging technologies, make technology choices and operate, maintain and adapt technology
 - Training and support on programmes or projects seeking a range of needs, including financing and

proposal development
Supporting CTCN through secondment (in-kind resource contribution)
Co-hosting learning visits to disseminate available technology options and its climate impacts to stakeholders
Other
Non-above the above

12. Can you share any examples in this service area where your engagement with CTCN resulted in positive, meaningful, or beneficial outcomes for you? If none, please go to the next question.

13. What types of engagement opportunities would you like to see more of in this service area?
(select all that apply)

Delivering training and support to identify technology options, assess new emerging technologies, make technology choices and operate, maintain and adapt technology
Training and support on programmes or projects seeking a range of needs including financing and proposal development
Supporting CTCN through secondment (in-kind resource contribution)
Co-hosting learning visits to disseminate available technology options and its climate impacts to stakeholders
Other
Non-above the above

14. Please select the area(s) where you have encountered gaps and challenges. (select all that apply)

Difficulty finding opportunities that align with our interests
Need for enhanced technical expertise or specialised programmes
Limited funding or resources to support collaboration
Administrative or procedural barriers for developing capacity building programmes
Other

15. Please suggest any additional activities or thematic areas that would help you address the gaps and needs.

16. If you have engaged in knowledge-sharing activities with CTCN, in what ways have you participated? (Select all that apply)

Co-hosting webinars or events on the best practices on technology transfer and sharing knowledge on climate technology
Participating in NDE forums to facilitate knowledge exchange
Engaging in UNFCCC COP events to raise awareness of the role of climate technologies in implementing NDCs
Taking part in climate technology policy dialogues, including CTCN AB meetings
Showcasing your solution, products, services on the CTCN website
Authoring CTCN publications and policy briefs
Accessing publications, resources, news and tools through the CTCN website
Other
None of the above

17. Can you share any examples in this service area where your engagement with CTCN resulted in positive, meaningful, or beneficial outcomes for you? If none, please go to the next question.

18. What types of engagement opportunities would you like to see more of in this service area?
(Select all that apply)

Co-hosting webinars or events on the best practices on technology transfer and sharing knowledge on climate technology
Participating in NDE forums to facilitate knowledge exchange
Engaging in UNFCCC COP events to raise awareness of the role of climate technologies in

implementing NDCs

Taking part in climate technology policy dialogues, including CTCN AB meetings

Showcasing your solution, products, services on the CTCN website

Authoring CTCN publications and policy briefs

Accessing publications, resources, news and tools through the CTCN website

Other

None of the above

19. Please select the area(s) where you have encountered gaps and challenges. (select all that apply)

Lack of communication on opportunities, events, workshops and trainings

Limited content tailored to specific regional or sectoral needs

Difficulty in reaching the required resources on website

Other

20. Please suggest any additional activities or thematic areas that would help you address the gaps and needs.

21. What types of engagement opportunities would you like to see more of, beyond the current service areas of CTCN? (Select all that apply)

Preparation of concept notes, project funding proposals to access financial mechanisms and other climate funds

Conducting joint research, establishing a twinning arrangement for cooperative research and development to support countries in strengthening National Systems of Innovation

Providing activity-based financial contributions (offering venues, providing consulting services etc.)

Participating in matchmaking events to secure funding for completed TAs

Collaborating in planning and co-hosting forums to leverage resources from relevant agencies and promote public and private investment

Other

22. Please share anything you want to request CTCN to improve our network engagement.

23. If you would like to be contacted for a brief call to discuss ways to enhance your experience as a CTCN Network member, please provide your contact details below.