



Technology Executive Committee

23 August 2022

Twenty-fifth meeting

In-person meeting, 6–8 September and 9 September 2022 (TEC-CTCN Joint session)

Monitoring and evaluating the work of the TEC: Results of the NDE survey

Background note

I. Introduction

A. Background

1. In 2019, the TEC and CTCN agreed to jointly develop a consistent and robust monitoring and evaluation system to report on the activities of the two bodies and their contributions to the transformational changes envisioned in the Paris Agreement, in response to decisions 15/CP.23 and 15/CMA.1.
2. The two bodies implemented the monitoring and evaluation system in 2020 and conducted outreach to NDEs to contribute to the process of monitoring and evaluating the impact of TEC and CTCN activities through a joint survey.
3. As part of the joint TEC-CTCN activities for 2022–2023,¹ the TEC and the CTCN agreed to jointly develop and disseminate the second joint NDE survey in the first quarter of 2022.
4. The NDE survey was disseminated in three languages (English, French and Spanish) to the 163 NDEs registered with the CTCN² in April 2022 and remained open for responses until July 2022. 45 NDEs from 42 countries (41 Non-Annex I countries and on Annex I country) completed the survey, which represents a response rate of 28%.

B. Scope of the note

5. The NDE survey consisted of 25 questions that were organized in two sections. A first section on outcomes and impacts of CTCN support and a second section on contributions of TEC policy recommendations and publications. Results of the first section of the survey will be published on the CTCN website.³ This document presents findings from the second section of the survey, which focussed on the work of the TEC. Findings contained in this document are based on the responses to the NDE survey 2022 and, where possible, compared with responses to the NDE survey 2020⁴ to show developments over time.

C. Possible action by the Technology Executive Committee

6. The TEC will be invited to take note of the information contained in this document.

¹ TEC/2022/24/13, Annex I.

² <https://www.ctc-n.org/about-ctcn/national-designated-entities/national-designated-entities-by-country>.

³ <https://www.ctc-n.org/calendar/events/20th-ctcn-advisory-board-meeting-be-held-9-14-september-2022>.

⁴ TEC/2020/21/11.

II. Results of the NDE survey

A. Key findings

7. Key findings of the NDE survey 2022 include:

(a) More than half of the responding NDEs (54%) indicated to be “very familiar” (17%) or “somewhat familiar” (37%) with the work of the TEC;

(b) 43% of the respondents indicated that they had regularly received information about TEC policy recommendations and publications. A similar share of respondents (42%) stated that they disseminate these TEC outputs within their countries;

(c) NDEs found that TEC outputs had been used by governmental and para-governmental institutions (46%), followed by academia (17%), non-profit and civil society organizations (5%), and the private sector (4%);

(d) 33% of responding NDEs found that the TEC’s analyses and recommendations had contributed “a lot” to improving the capacity of national stakeholders to develop, deploy and disseminate climate technologies in their countries;

(e) 23% of responding NDEs indicated that they had made use of TEC outputs in the process of preparing technical assistance requests for the CTCN.

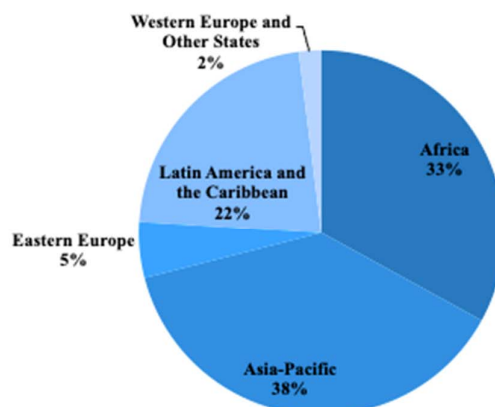
B. Overview of responses

8. In response to the NDE survey 2022, 53 responses were received (37 in English, 10 in Spanish, and 6 in French). The 53 responses included six duplicate responses and two responses without content. The 45 individual responses were submitted by 45 NDEs from 42 countries, including 41 non-Annex I countries and one Annex I country. The regional distribution of NDE responses is listed below and shown in Figure 1:

- (a) Africa: 15 (33%);
- (b) Asia-Pacific: 17 (38%);
- (c) Eastern Europe: 2 (5%);
- (d) Latin America and the Caribbean: 10 (22%);
- (e) Western Europe and Other States: 1 (2%).

Figure 1

Regional distribution of NDEs responding to the NDE survey in 2022



9. In comparison with the NDE survey in 2020, the total number of responses decreased by 10% (50 NDEs in 2020, 45 NDEs in 2022). While the number of respondents from African countries (21 NDEs in 2020, 15 NDEs in 2022) and European countries (7 NDEs in 2020, 3 NDEs in 2022) decreased, the number of respondents from Asia-Pacific (14 NDEs in 2020, 17 NDEs in 2022) and Latin America and the Caribbean (8 NDEs in 2020, 10 NDEs in 2022) increased.

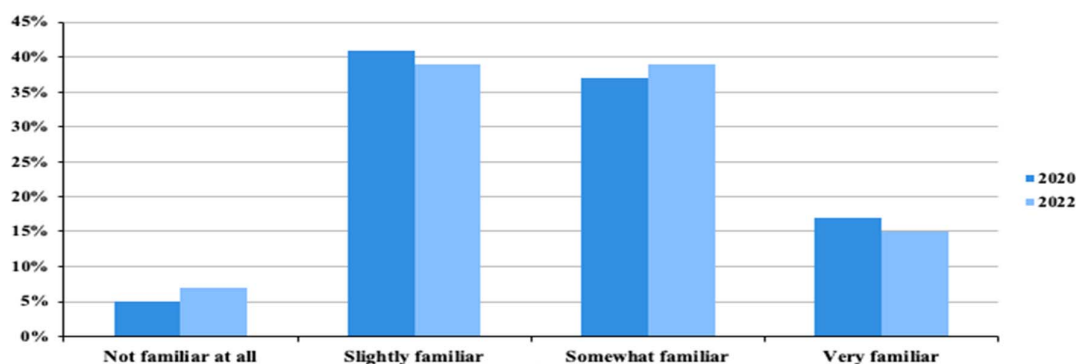
10. 21 of the 42 countries that responded to the NDE survey in 2022 had not responded to the NDE survey in 2020. A full list of countries responding to the NDE survey in 2020 and 2022, respectively, is included in the Annex.

1. Familiarity with the work of the TEC

11. More than half of the responding NDEs (54%) indicated to be “somewhat” or “very familiar” with the work of the TEC. Only 7% of responding NDEs said that they were not at all familiar with the work of the TEC. Overall similar levels of familiarity with the work of the TEC were found in the NDE survey in 2020 and 2022 as shown in Figure 2 below.

Figure 2

Familiarity of NDEs with the work of the TEC



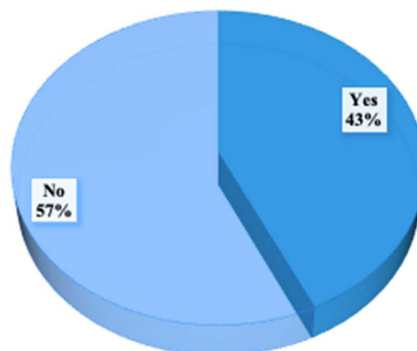
12. In their individual comments, some NDEs indicated to be familiar with TEC policy briefs, annual reports, meeting reports, workplans and other specific publications, including the joint TEC-CTCN publication on technology and NDCs, publications on TNAs, energy and technology, adaptation and nature-based solutions, and sustainable transport.

2. Dissemination of information on the work of the TEC

13. 43% of the respondents indicated that they regularly receive information about the recommendations and publications produced by the TEC, while 57% responded that such information was not received on a regular basis as shown in Figure 3 below.

Figure 3

Information on the TEC’s work received regularly



14. 42% of the respondents said that policy recommendations and publications produced by the TEC had been disseminated within their countries. This represents a significant increase compared with the NDE survey 2020, in which only 16% of NDEs responded positively to this question. Examples mentioned by NDEs in the NDE survey 2022 include the joint TEC-CTCN publication on technology and NDCs, the technical paper on emerging climate technologies in the energy supply sector, and TEC recommendations on the use of TNA results.

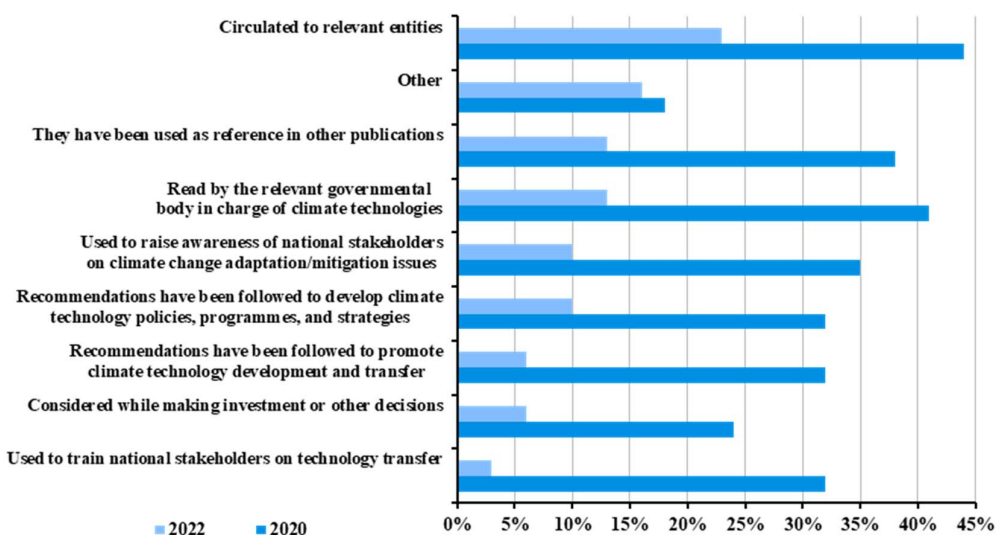
15. However, the extent of which those TEC policy recommendations and publications had been disseminated within the respondents' countries was mostly indicated as low (69% in 2022, 59% in 2020) ("only a few people were made aware or provided with access") or medium (31% in 2022, 41% in 2020) ("documents and information were circulated among key players in relevant sectors").

3. Use of TEC outputs

16. In response to the question on how TEC outputs had been used, most of the responding NDEs indicated that products had been circulated to relevant entities (23% in 2022, 44% in 2020), used for other purposes (16% in 2022, 16% in 2020), read by relevant governmental body in charge of climate technologies (13% in 2022, 41% in 2020) and used as a reference in other publications (13% in 2022, 38% in 2020). One NDE responded that TEC policy recommendations and publications were frequently used by the NDE's technical team.

Figure 4

Use of TEC products

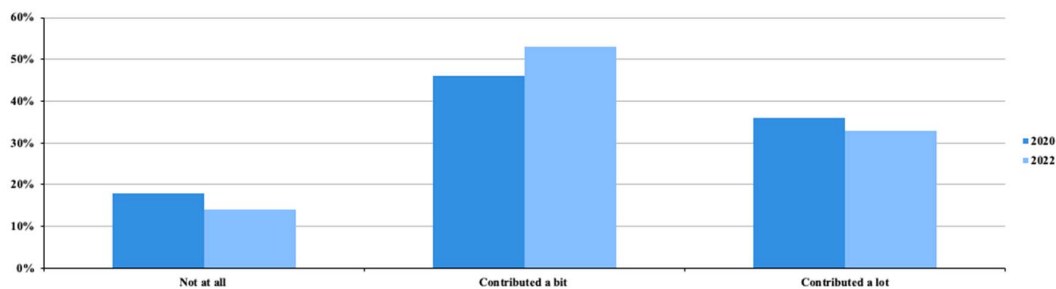


17. Out of the NDEs responding to the question on which stakeholder groups had been using TEC outputs, most NDEs indicated that the outputs had been used by governmental and para-governmental institutions (46% in 2022, 35% in 2020), followed by academia (17% in 2022, 17% in 2020), non-profit and civil society organizations (5% in 2022, 19% in 2020), and the private sector (4% in 2022, 10% in 2020).

4. Results of the use of TEC outputs

18. 33% (36% in 2020) of responding NDEs found that the TEC's analyses and recommendations had contributed "a lot" to improving the capacity of national stakeholders to develop, deploy and disseminate climate technologies in their countries. 53% (46% in 2020) found that the TEC's analyses and recommendations had only made a little contribution and 14% (18% in 2020) found that the TEC's analyses and recommendations had not made any contribution in this regard.

Figure 5
TEC's contribution to improving capacity of national stakeholders to develop, deploy and disseminate climate technologies



19. 23% (27% in 2020) of responding NDEs indicated that they had made use of TEC outputs in the process of preparing technical assistance requests for the CTCN. Specific TEC outputs mentioned by NDEs in this context include the use of sample request guidelines, TEC publications on technology needs, technology challenges, linkages between policy and implementation, linkages between NDCs and national adaptation plans, and on emerging climate technologies in the energy supply sector.

20. From the NDEs that indicated that they had not made use of TEC outputs for the preparation of technical assistance requests for the CTCN, one NDE responded that this was due to the lack of TEC products related to the preparation of such requests.

Annex

List of countries responding to the NDE survey in 2020 and 2022

Country	NDE responses in 2022	NDE responses in 2020
Algeria	0	1
Antigua and Barbuda	0	1
Armenia	1	2
Austria	0	1
Bahamas	0	1
Bangladesh	0	1
Benin	0	1
Botswana	1	1
Brazil	1	1
Burundi	2	0
Cambodia	1	1
Central African Republic	0	1
Chad	1	1
Chile	1	0
Comoros	0	1
Congo	1	0
Costa Rica	1	0
Cote D'Ivoire	1	1
Democratic Republic of the Congo	1	0
Djibouti	0	1
Ecuador	1	0
El Salvador	1	1
Eswatini	1	1
Gabon	0	1
Ghana	1	0
Guatemala	1	1
Guinea	0	1
Hungary	0	1
Iran (Islamic Republic of)	0	1
Ireland	1	0
Italy	0	1
Jordan	0	1
Kuwait	0	1
Kyrgyzstan	0	1

Country	NDE responses in 2022	NDE responses in 2020
Laos People's Democratic Republic	1	0
Lebanon	1	0
Lesotho	1	1
Liberia	0	1
Lithuania	0	1
Maldives	1	0
Mali	0	1
Mexico	1	0
Mauritius	0	1
Myanmar	1	0
Nepal	1	2
Nigeria	1	1
Pakistan	1	1
Palau	1	0
Paraguay	1	1
Republic of Korea	1	1
Republic of Moldova	1	1
Samoa	1	0
Saudi Arabia	2	0
Saint Kitts and Nevis	1	1
Senegal	0	1
Sierra Leone	0	1
Slovakia	0	1
Solomon Islands	1	0
Sri Lanka	2	0
State of Palestine	1	2
Sudan	1	2
Syrian Arab Republic	1	2
Timor-Leste	0	1
Togo	0	1
Tunisia	1	0
Ukraine	0	2
United Republic of Tanzania	0	1
Uruguay	1	1
Viet Nam	0	2
Zimbabwe	1	0