

4 (b) i Technology Needs Assessment (TNA): support for conducting TNAs and post-TNA implementation

TEC practical guide on TNA support: How developing countries can be supported for conducting and updating their TNAs

Overview, user feedback, next steps

Document [TEC/2026/32/11](#)

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United Nations Climate Change
Technology Executive Committee

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I. Overview of the usability testing



Background

As per **Activity B.1.1 – TNA**, under the TEC rolling workplan for 2023-2027, in 2026, the TEC is to conduct usability testing of its practical guide on ‘How developing countries can be supported for conducting and updating their TNAs’, through engagement with national focal points and partners (e.g. by conducting surveys)

At a glance: Work of the Activity Group since TEC 31

- **Sep - Oct 2025:** Finalized the knowledge product based on guidance provided, and released it as a practical guide (e-document in beta version)
- **Nov - Dec 2025:** Agreed on the scope and means for soliciting user feedback in consultation with potential partners
- **Jan 2026:** Developed and refined the questionnaire/checklist for soliciting users’ feedback
- **Feb 2026:** Released an online survey and conducted outreach to boost participation and response rate
- **Mar 2026:** Considered the user feedback and prepared a revised version of the practical guide for consideration by the TEC at TEC 32



User feedback survey design

- **Content**

e.g. clarity, relevance, usefulness

- **Format**

e.g. flow, visual elements, user interface

- **Applicability**

e.g. practicality, users, use-cases

Feb-Mar

- Online survey distributed among all Non-Annex I NDEs + social media promotion (3-week response time)
- Targeted outreach to focal points in countries that had expressed interest in conducting TNAs (e.g. in their NDC) and/or the work of the TEC on the topic

Mar

- Compilation and consideration of survey results in the activity group and preparing a revised version of the practical guide accordingly

Apr (TEC 32)

- Finalization of the practical guide and discussion on its effective dissemination



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Survey participation

17 respondents in total*

12 national designated entities

16 developing countries, including 6 LDCs and 3 SIDS

87 minute spent per respondent on average

***Africa (7)**: Burundi, Chad, Egypt, Lesotho, Liberia, South Africa, Uganda | **Asia-Pacific (4)**: Cambodia, Maldives, Pakistan, Saudi Arabia | **Latin America and the Caribbean (5)**: Belize, Brazil, Chile, Panama, Trinidad and Tobago



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II. Results of the usability testing



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Key findings

The user feedback indicates that the product **is fit-for-purpose** and **addresses practical needs** of developing countries.

Content

Users found the content of the knowledge product clear, practical and useful to inform planning for a TNA. Suggestions were made for additional visual elements to complement the existing content.

Format

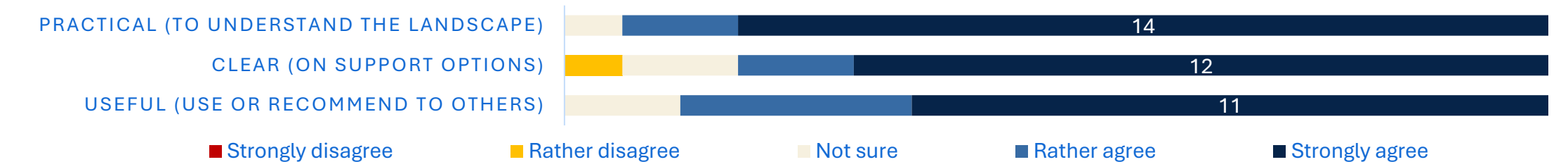
Users found the structure & flow of the product easy to navigate. Most respondents opted to interact with the PDF version & found it user-friendly. A number of respondents suggested a “presentation format” suits their needs best.

Applicability

Users found the product relevant to their context. Effective uptake could be facilitated through tailored advisory & capacity-building support, as well as targeted dissemination among national focal points.



Zooming in: feedback on the content



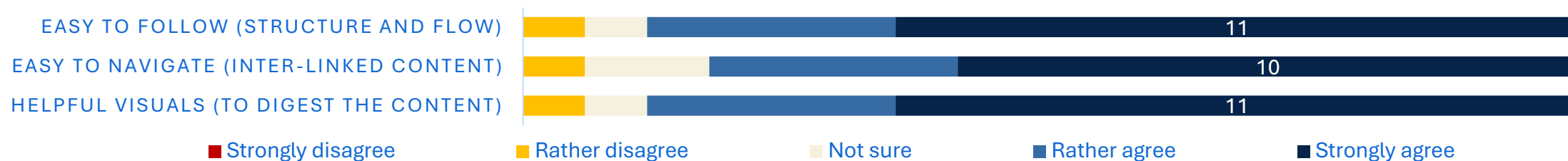
- ✓ **Length:** 14/17 respondents considered the length of the knowledge product about right, with adequate practical information and links to external resources.

Specific suggestions

Additional information that may be included: timeline of TNA evolution for negotiators, a decision tree for use of different support options to conduct a TNA, operational tools and details on the integration and linkages of TNAs in related processes, such as NDC development/implementation, reporting under the Paris Agreement, NAPs, and long-term strategies, national and sectoral climate plans, further details and resources on navigating fund/donor requirements.



Zooming in: feedback on the format



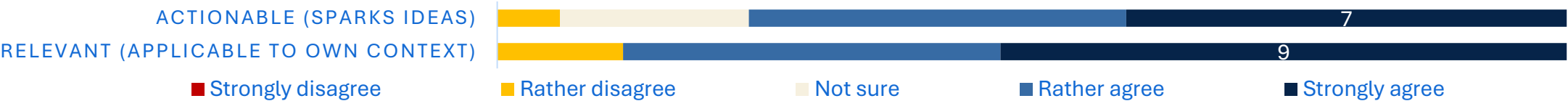
- ✓ **Format:** 14/17 respondents used the downloadable (PDF) version of the knowledge product for review. Some users reported issues with the online interface and text size/density.

Specific suggestions

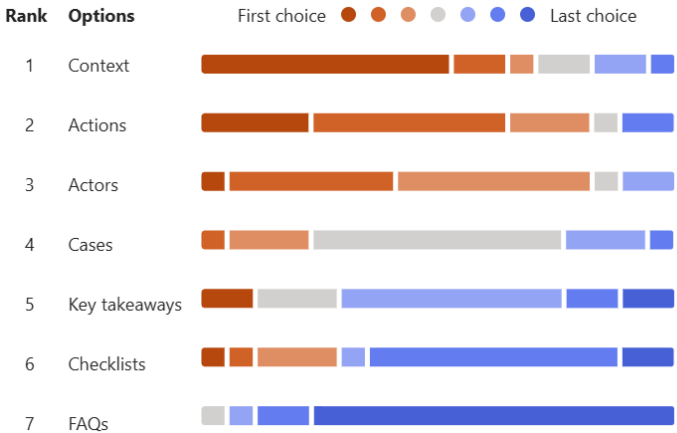
- Refinement in the format/flow: Include a visual 'user map' at the beginning showing how the sections are connected. Add a summary at the end of each section. Make internal and external hyperlinks more obvious (e.g. using icons, highlights, boxes)
- Alternative or complementary formats that may be used to share this information: presentation slides, publication (e.g. handbook with templates for use, 1-2 pager fact sheets), online training materials (e.g. explainer video, course), web-based interface (e.g. webpage, step-by-step tool)



Zooming in: feedback on the applicability



- ✓ **Usefulness:** 14/17 respondents ranked context, actions, or actors sections as most applicable in their context – mixed feedback on takeaways and checklists.
- ✓ **Possible users:** diverse responses, most pertaining to national focal points (e.g. NDEs, line ministries for NDC implementation, GEF and GCF focal points).
- ✓ **Use cases:** introductory package for new commers to the process, NDEs communicating with line ministries on conducting/updating a TNA, informing resource mobilization strategy for technology prioritization and implementation



Specific suggestions

To facilitate uptake of the product: efforts may be undertaken at the country level (e.g. in-country dissemination, capacity-building, tailored one-on-one support), and at the regional/global level (e.g. dissemination at the NDE forums and UN Climate Change conferences)



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III. Summary of revisions & next steps



Response to survey results

Summary of revisions made

- ✓ Reduced text density
- ✓ Highlighted hyperlinks
- ✓ Streamlined additional information and complementary materials in the footnotes
- ✓ Combined takeaways and checklists in each section
- ✓ To be released as a Portable Document Format (PDF)

Content

- Practical guidance/tools for the integration and linkages of TNAs in related processes, e.g. NDCs, NAPs, BTRs
- Complementary resources: presentation slides, 1-2 pager explainers, online training materials

Application and uptake

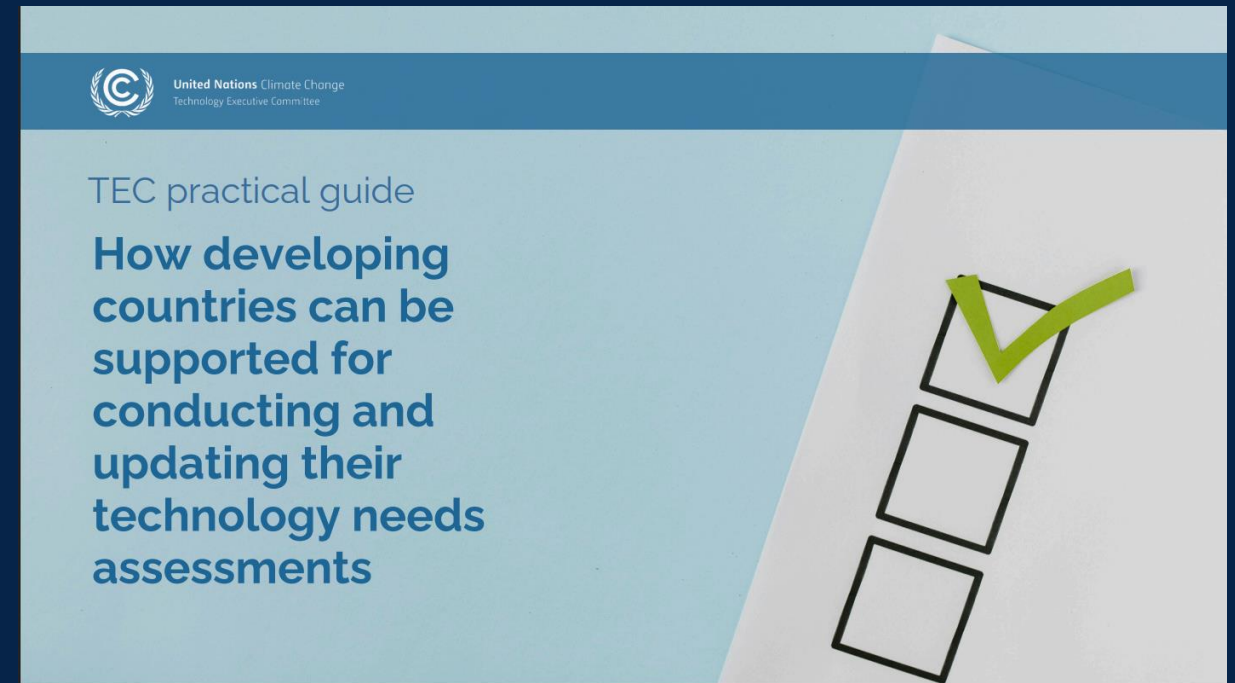
- Country-level uptake, supported through dissemination activities, capacity-building & tailored technical support
- Regional/global dissemination: NDE forums & UN Climate Change Conferences



Looking ahead

Proposed timeline and next steps

- **Apr 2026 (TEC 32):** Consideration of the user feedback + updated practical guide
- **May – Jun 2026:** Finalization + launch (possibly at SB 64)
- **Remainder of 2026-2027:** outreach + dissemination



Thank you



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