United Nations Framework Convention on Climate Change

Background note on draft gap assessment of guideline on TNAs
TEC/2023/27/10

Technology Executive Committee, 27th meeting and TEC-CTCN Joint session
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Mandate

> Decision 15/CMA.1, Annex, para 12 c –
> Reviewing the TNA guidelines and **updating** them

> Decision 12/CP.21 Para 67
> (a)   undertake, **update** & implement TNAs,TAPs
> (b) financial and **technical support** for the implementation of TNAs.

> SBI/2022/L.10
> TEC & CTCN:
> how developing countries can be supported in **updating their TNAs** and implementing their TAP and TNA outcomes

> TEC rolling workplan 2023-27:
> i. Gap assessment of **guidance on TNA** (2023)
> ii. Event with financial actors to raise awareness on TNA (SB58)

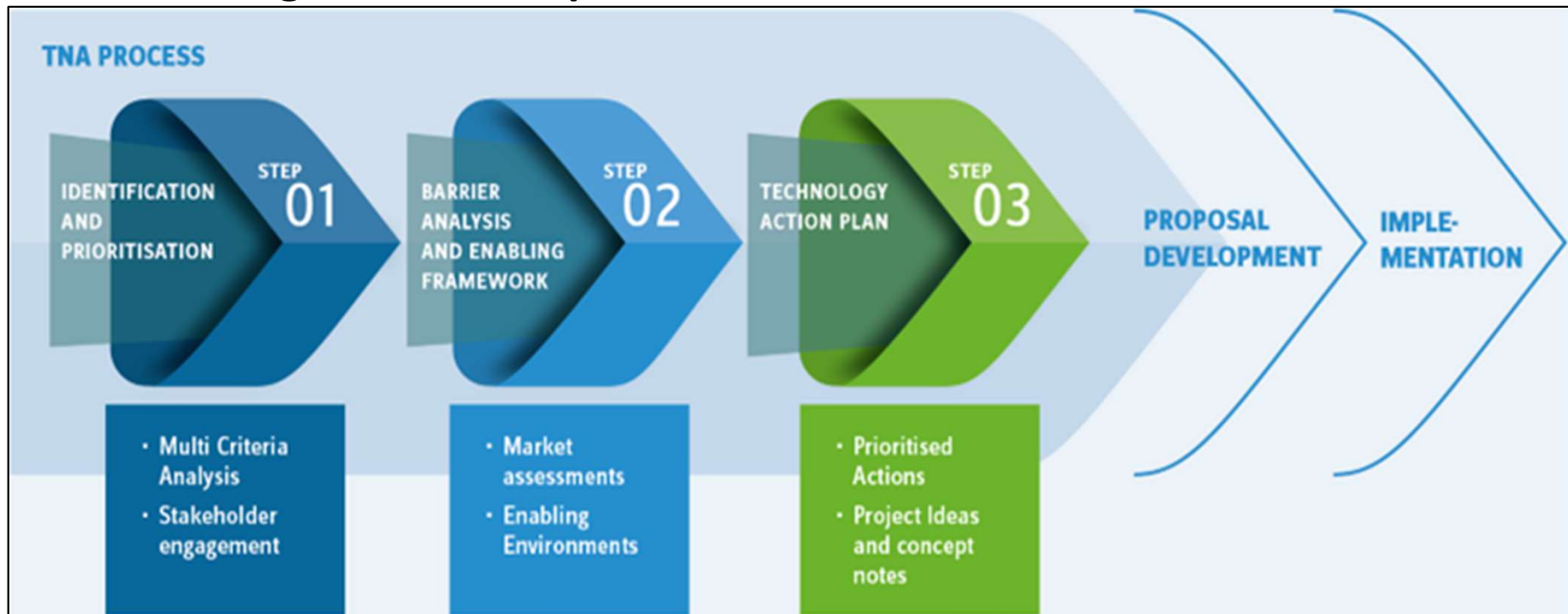## 4.b.i Background note: draft gap assessment of guidance on TNAs

Methodology

- **Terminal Evaluations** of TNA Phase I and II (*UNEP Evaluation Office 2016 and 2020*)
- TNA **Synthesis** report *(success stories, lessons learned and challenges)*
- Feedback from the **Global TNA Project** participating countries *(on TNA methodology, guidebooks, country support, capacity building)*
- Inputs from the operating entities of the UNFCCC **Financial Mechanism** GEF, GCF *(to attract further financial resources for implementation)*
- Inputs form the Global TNA Project Implementing and Executing agencies, UNEP and UNEP-CCC (experience with developing methodology and guidebooks, capacity building and country support)
- Review of existing **TNA** implementation efforts *(building upon 50 implemented TNAs/TAPs)*
- Consultation with the **CTCN** *(CTCN supports countries to develop their TNA and TAP through GCF Readiness, and is mandated to support countries implement TNA results)*
- Guidance from the **TEC** *(including TEC work that has investigated TNA/TAP implementation efforts)*

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Current TNA guidance and process

TNA PROCESS

STEP 01	STEP 02	STEP 03		
IDENTIFICATION AND PRIORITISATION	BARRIER ANALYSIS AND ENABLING FRAMEWORK	TECHNOLOGY ACTION PLAN	PROPOSAL DEVELOPMENT	IMPLE-MENTATION
• Multi Criteria Analysis • Stakeholder engagement	• Market assessments • Enabling Environments	• Prioritised Actions • Project Ideas and concept notes		

1. Sector selection (pre and post PA era)
2. Technology prioritization

1. Identify barriers through literature, interviews and workshop
2. Select essential ones
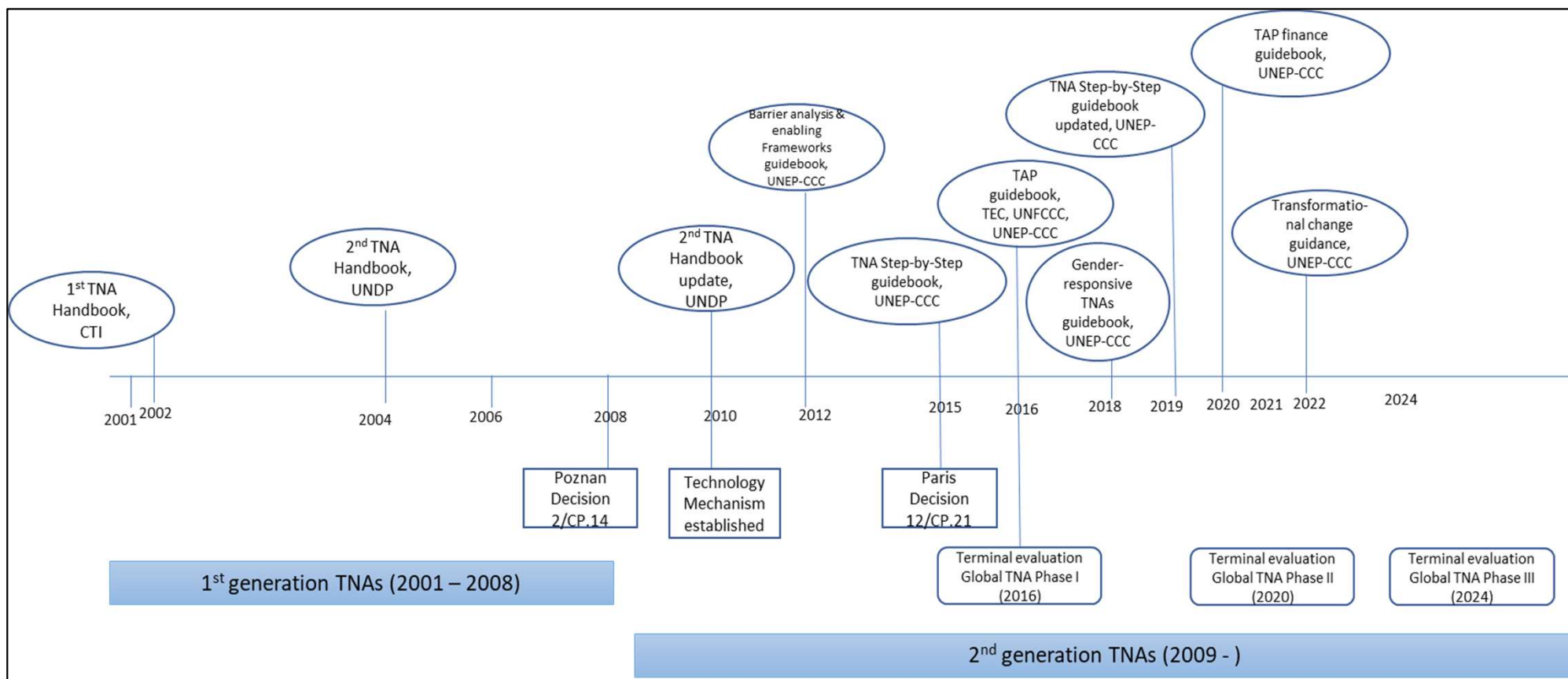3. Hierarchy of categories

1. Final step of the process to support implementation
2. TAP guidance in 2017 (step-by-step guidebook)
3. Concept note from TNA phase III

The existing TNA process with relevant guidance ends here. Monitoring and evaluation guidance?

Evolution of TNA guidance

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Existing **observed gaps** in TNA guidance as key entry points for further update

Main step-by-step guidebook not updated on emerging issues such as **transformational change,** gender, ownership & engagement across departments, stakeholders, and financial actors, though individual guidance material exists.

More involvement of the **private sector** in the TNA steps could be emphasised through targeted practical guidance.

The role of TNAs and TAPs in preparing and implementing **long-term strategies,** and other emerging issues, should be included.

Up-to-date guidance on mitigation in the **energy sector** is not available.

Guidance on **monitoring and evaluation** is embodied in the TAP guidance but beyond the scope of the supported TNA projects, requiring in-kind resources or additional support, as well as updating.

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Recommendations

The TEC may **consider the recommendations** and provide further guidance to reflect in the follow-up activity scheduled for 2025-

Update guidance based on finding of **gap assessment** (2023).

Update the TNA main guidebook in collaboration with UNEP-CCC to reflect matters related to transformational change, challenges and experiences in TNA III & IV etc.

Prepare a **new guidebook** on the role of TNAs and TAPs in preparing and implementing **long-term strategies**.

Prepare a **new practical guidebook** for facilitating the involvement of **private sector** at all stages of TNA *(in particular TAPs and project ideas)*

Prepare a sectoral guidebook on mitigation technologies for the energy sector.

Guidance for **updating TNAs and TAPs** following the NDC update cycle, tool for **monitoring and evaluation** of the TNAs and TAPs.

Thank you