

Fourteenth Meeting of the Technology Executive  
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**Draft methodology on monitoring and evaluation of the  
implementation of technology needs assessment results**



United Nations  
Framework Convention on  
Climate Change

# Content and Summary

- WHY consider tracking TNA and TAP progress?
  - To highlight and share lessons learned
- WHAT information would likely meet the purposes of tracking TNA and TAP progress?
  - Six categories are suggested
- HOW could this information be accumulated?
  - Two realistic options are considered and a template outlined
- HOW could these options be tested?
  - A suggested scope and timetable (April-August 2017) is offered
- WHO should report to WHOM?
  - UNEP-UDP-Secretariat Collaboration working with TNA Coordinators and National Designated Entities

# Why Track TNAs and TAPs?

- **Primarily** to highlight and share lessons learned. This could include three kinds of “stories”:
  - “*Success*” Stories
  - “*We Managed—Just Barely*” Stories
  - “*We Struggled and Need Help*” Stories.
- **Secondary** purposes include:
  - Increasing awareness of exceptional progress by some countries
  - Identifying their (resource) needs to advance further
  - Making donors, investors and others aware of both progress and the needs to advance further.

# What Types of Information to Track

- Problem Addressed & Barriers Identified
- Initiatives Identified
- Linkages to Other Processes
- Status or Progress of Initiatives
- Contact & Other Available Information
- Next Steps & Resources Needed

# Two Options

- ***“Option I-Headlines Plus Supplementary Information”***
  - a voluntary, collegial exchange of information between countries and [UNEP-UDP-UNFCCC] that would be edited, summarized and shared. This would likely require small amounts of incremental resources and result in “promotion materials” similar to those distributed and favourably received at COP 22.
- ***“Option II-Headlines, Supplementary Information and Follow-up for Completeness”***
  - a voluntary, collegial, and possibly incentivized and proactive gathering of information that allows for multiple “back and forth” to assure the completeness and reasonableness of the reported information. Such an approach would intuitively require additional resources.

# One Testing Protocol to Consider:

- Analyze nine existing story examples to determine the categories that have been completed
- Estimate the time on task originally required
- Estimate the time on task to finish at least the bare-bones “completeness” requirements of Option I
- Estimate the time on task to add the degree of completeness of Option II
- Consolidate results and create “indicative budgets” for Option I and Option II efforts, treating hours as the measure (not dollar or Euro equivalents... in other words, “all hours are created equal”).

# Four Issues to be Considered:

- Fixing responsibility for collecting information from countries
  - (a joint UNEP-UDP Secretariat effort makes sense)
- Fixing responsibility for in-country effort
  - (a combined NDE-TNA Coordinator effort seems well suited, with a variation on theme also including UNFCCC focal points).
- Whether to test the two options as proposed or proceed with an evolutionary approach
- Estimate the scope and incremental resources needed to begin a more comprehensive “tracking progress” activity.

# Illustrative Template Example

## OPTION 1

## OPTION 2

Category of Information:	Headlines	Add: Supplementary Information	Add: Follow-up for Completeness
<b>Problem Addressed</b>	Country uses 80% fossil fuel	Energy bill = 15% to 20% of imports... Inefficient boilers contribute high upfront costs and limited human capacity limit EE retrofits	How significantly do inefficient boilers contribute to the problem? How high is the capital cost barrier? What are the training needs?
<b>Initiative(s) Identified</b>	Waste heat recovery	Efficient boilers could save 18,000 tonnes CO2e	High upfront costs addressed how?
<b>Linkages to Other Processes</b>	TNA connected to GEF mitigation project	What is the scope and budget of the GEF Project?	What specifically transferred from TNA to GEF project?
<b>Status or Progress of Initiative(s)</b>	What is the status of GEF project?	How many retrofits accomplished at what cost as of DATE?	What is the management and reporting structure for this follow-up
<b>Contact and Other Available Information</b>	Who in-country has current information?	What documents are available?	How is information being tracked and reported?
<b>Next Steps and Resources Needed</b>	Are recommendations in the TNA all moving forward?	Are there initiatives from the TNA-TAP that could follow the path of the GEF Projects?	Is anybody actively working on such "left behind" initiatives?



Category of Information:	Headlines	Add: Supplementary Information = BASIC	Add: Follow-up for Completeness = ENHANCED	SAMPLE LESSONS LEARNED & COMMENTS
<b>TYPE 1 INFORMATION</b> <b>Problem and Barriers Identified and Addressed</b>	Country uses 80% fossil fuel	Energy bill = 15% to 20% of imports... Inefficient boilers contribute high upfront costs and limited human capacity limit EE retrofits	<u>How significantly do inefficient boilers contribute to the problem? How high is the capital cost barrier? What are the training needs?</u>	“It has proved important to “meet in the middle” when addressing such issues: to have broad strategic decisions matched up with on-the-ground proposals and actors.”
<b>TYPE 2 INFORMATION</b> <b>Initiative(s) and Priorities Identified</b>	Waste heat recovery	Efficient boilers could save 18,000 tonnes CO2e	<u>High upfront costs addressed how?</u>	“More detailed estimates—or ranges of estimates—could shorten the time going from completing TNA-TAP to ‘early action projects’ to validate the high-level case.”
<b>TYPE 3 INFORMATION</b> <b>Linkages to Other Processes such as NAMAs-NAPs, INDCs-NDCs, Project Authorizations etc.</b>	TNA connected to GEF mitigation project	What is the scope and budget of the GEF Project?	<u>What specifically transferred from TNA to GEF project?</u>	“Very valuable to have high level buy-in and priority setting before beginning detailed implementation and project formulation”
<b>TYPE 4 INFORMATION</b> <b>Current Status or Progress of Initiative(s)</b>	What is the status of GEF project?	How many retrofits accomplished at what cost as of DATE?	<u>What is the management and reporting structure for keeping informed?</u>	“Everything seems to take twice as long as even the most conservative estimates.”
<b>TYPE 5 INFORMATION</b> <b>Contact and Other Available Information</b>	Who in-country has current information?	What documents are available?	<u>How is information being tracked and reported?</u>	“Establishing a ‘drop-box’ and monthly progress blogs saved many hours in communicating.”
<b>TYPE 6 INFORMATION</b> <b>Next Steps and Resources Needed</b>	Are recommendations in the TNA all moving forward?	Are there initiatives from the TNA-TAP that could follow the path of the GEF Projects?	<u>Is anybody actively working on such “left behind” initiatives?</u>	“A project preparation facility would have shortened and improved the process of getting from TNA-TAP to funded implementation”

# Previous Promotion Materials: Countries

- Bhutan
- Honduras
- Jordan
- Lebanon
- Moldova
- Morocco
- Mauritius
- Mali
- Thailand