



# CTCN

CLIMATE TECHNOLOGY CENTRE & NETWORK  
UNFCCC Technology Mechanism

## CTCN's Monitoring & Evaluation

13<sup>th</sup> meeting of CTCN Advisory Board

Copenhagen, 27-29 March 2019

Tomoo Machiba, Deputy Director

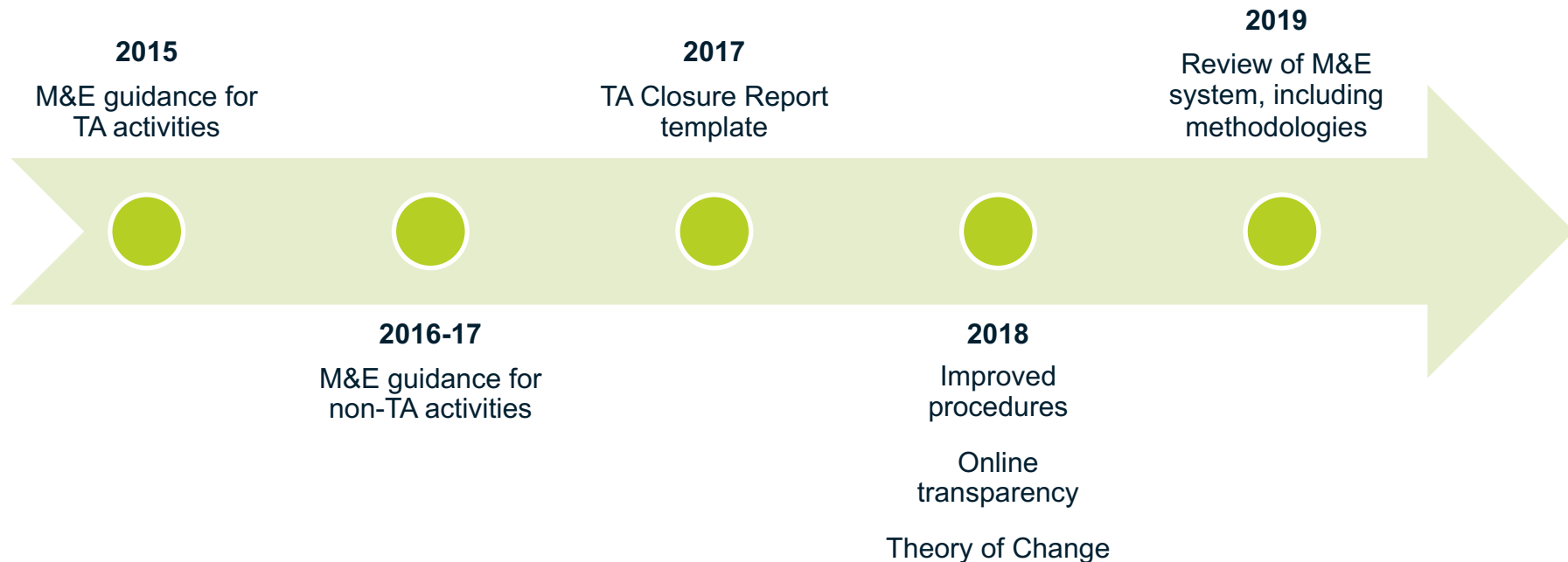


# COP mandate on monitoring & evaluation

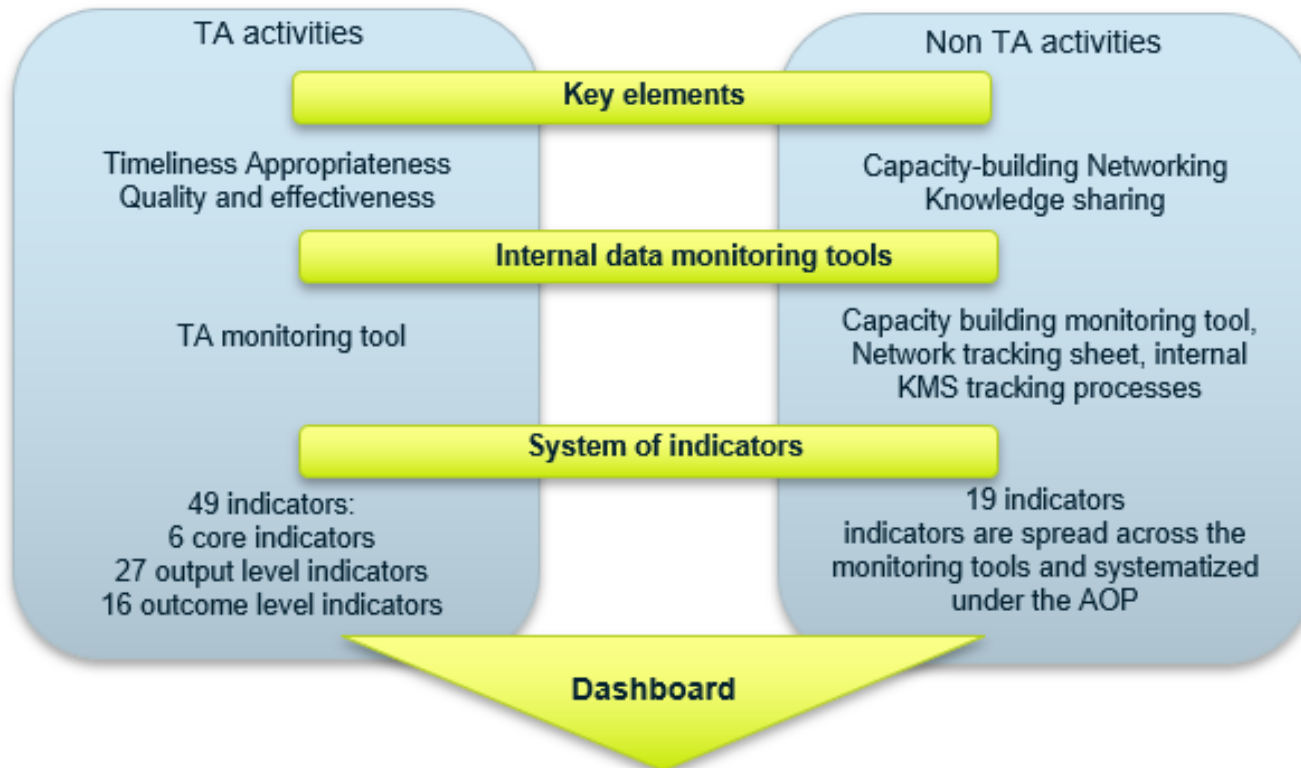
Advisory Board and CTCN mandate for monitoring & evaluation of CTCN activities through various COP decisions:

- 2/CP.17, Annex VII: *“The Advisory Board of the CTCN will .... Monitor, assess and evaluate the timeliness and appropriateness of the responses of the CTCN requests”*
- 25/CP.19, Annex I: *“The CTC will... Monitor and evaluate the quality and effectiveness of responses in consultation with the requesting NDE”... “the [knowledge sharing] platform would... enable internal tracking and evaluation of CTCN activities”*
- 13/CP.24: *“”welcomes the information provided by the TEC and the CTCN on monitoring and evaluation of the impact of their activities, and encourages them to continue reporting on this matter and to include information on tracking of progress and on methodologies used*

# M&E development at CTCN



# Current CTCN M&E system



## Data sources:

- Closure reports
- Feedback from NDEs
- Training and forum reports
- Evaluation forms from events
- Google Analytics

## ▼ C. OUTPUTS AND IMPACTS ANTICIPATED AFTER COMPLETION OF CTCN TECHNICAL ASSISTANCE: STANDARDISED PERFO

34. Anticipated number of policies, strategies, plans, addressing climate change mitigation officially proposed, adopted

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Add new data

35. Anticipated number of policies, strategies, plans, addressing climate change adaptation officially proposed, adopted

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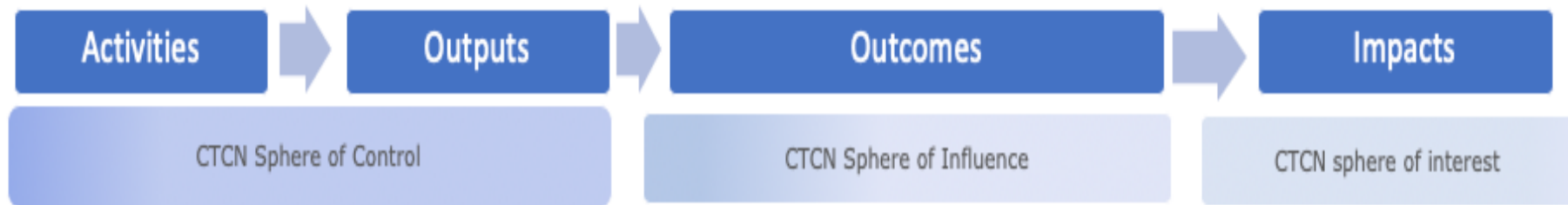
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36. Anticipated number of policies, strategies, plans, addressing climate change on both adaptation and mitigation off

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- Gather all data in one centralised system
- Get an overview of potential missing data
- Extract data to Excel for analysis
- Easily aggregate data for presentations
- Link data to online visualizations on M&E webpage

# Theory of Change - Pathway towards impact



What is the vision?

What do we want to achieve?

What will we do to achieve this?

What indicators will we use to measure the outputs, outcomes and impacts?

# Theory of Change - Pathway towards impact



ToC alignment with PoW and TF

ToC alignment with indicators

# Updating M&E indicators and Closure Report template

CTCN core indicators	Quantitative value	Unit	Methodology Explain the method or process of verifying the indicator and how data was gathered	Assumptions Indicate assumptions made during quantification	Expected timeline Indicate when the indicator and value are expected to be achieved
28. <b>Total</b> anticipated amount of funding/investment mobilised (in USD) as a result of the TA					
a) Anticipated amount of <b>public funding</b> mobilised (in					



Columns added to gather info on methods used for data collection





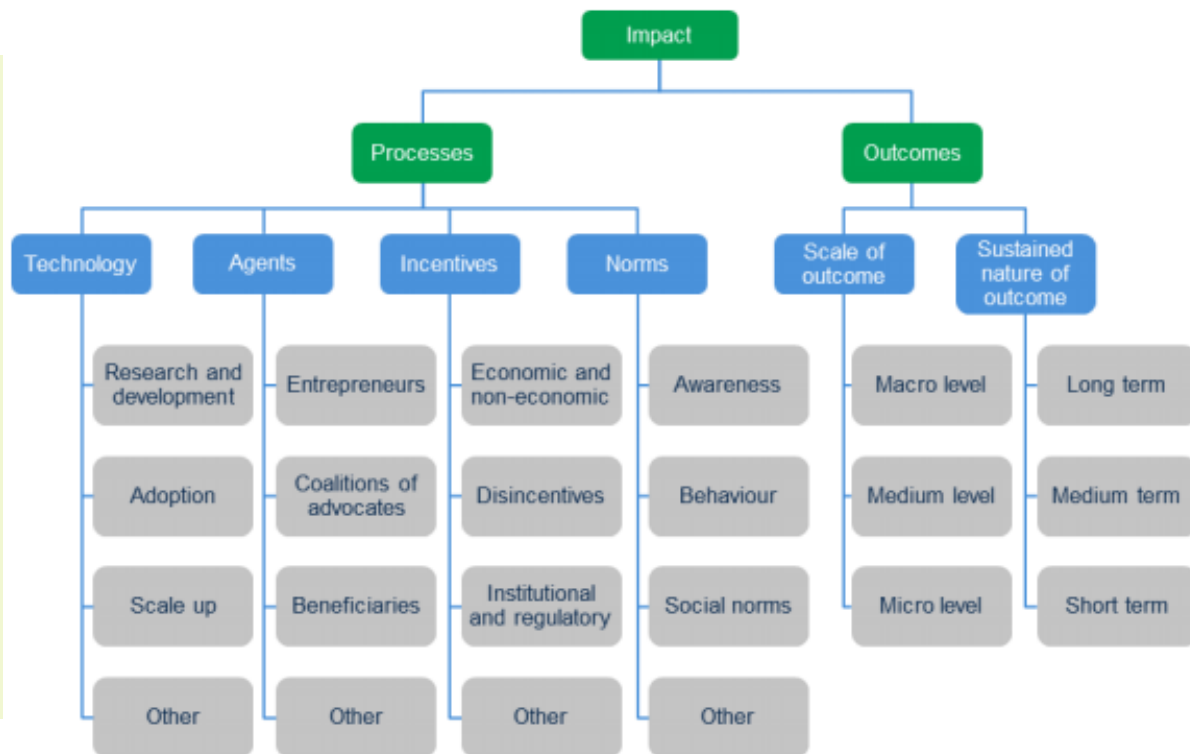
# Transformational change – Creating paradigm shifts

## Technology Framework:

... improving the effectiveness and efficiency of the Technology Mechanism... by addressing the **transformational changes** envisioned in the Paris Agreement

## What is transformational change?

- ✓ **Systemic**
- ✓ **Scalable**
- ✓ **Sustained**

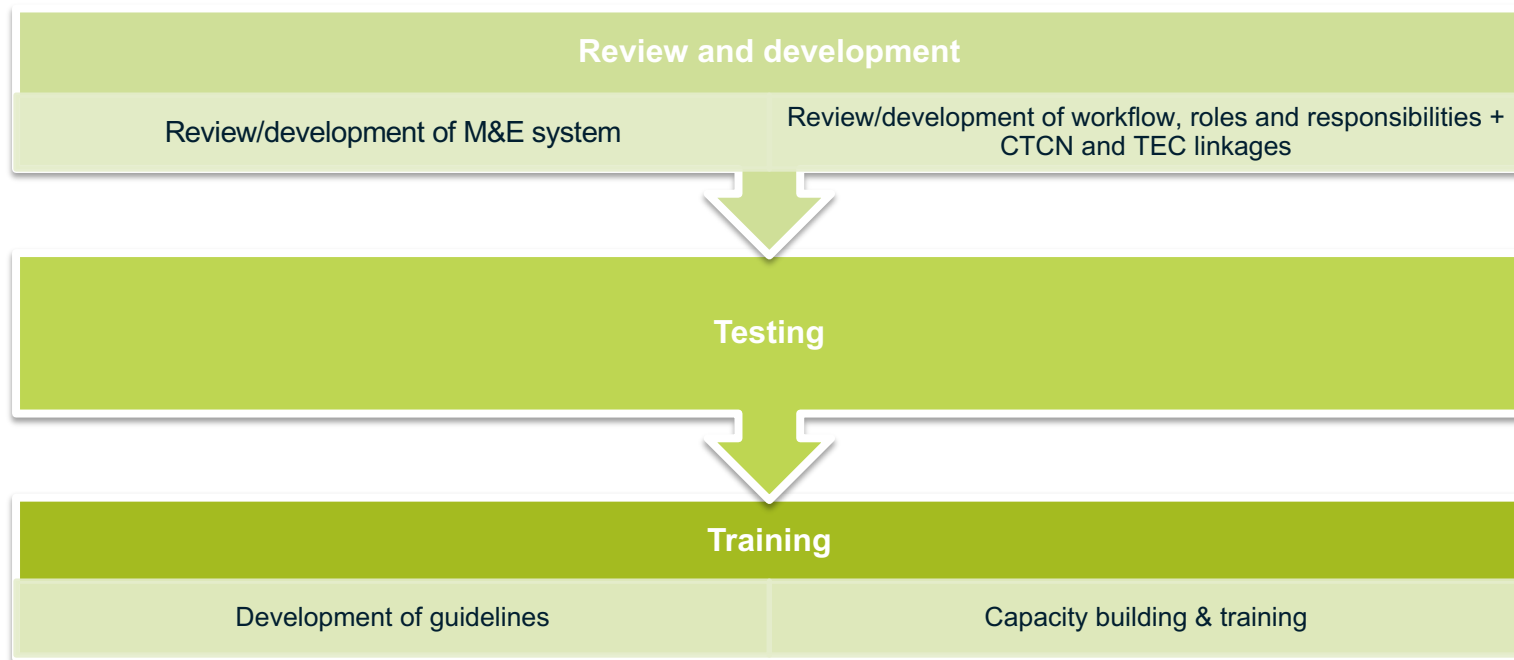


# Challenges facing current M&E system

- ➡ Clarification on methodologies for impact quantification;
- ➡ Lack of guidance for implementers;
- ➡ Difficult to measure long-term impacts;
- ➡ Diversity in donor reporting requirements;
- ➡ Lessons learned and success stories



# 2019: Revision of Technology Mechanism M&E system



# Methodologies for quantifying impact

## Anticipated nr. of beneficiaries with increased resilience

- Setting boundaries
- Baseline scenarios
- Definitions (direct vs. indirect beneficiaries)
  - Tools and resources

## Anticipated funding leveraged

- Reporting on assumptions made
- Attribution
- Definitions (new and additional funds, causality)
  - Tools and resources

## Anticipated GHG emission reduction

- Calculation guidelines
- Standard units
- Baseline scenarios
- Definitions (direct vs in-direct emissions)
  - Tools and resources



# CTCN

CLIMATE TECHNOLOGY  
CENTRE & NETWORK

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