

Agenda item 6 i.

Monitoring and evaluation of the impacts of the implementation of the mandates of the TEC

Technology Executive Committee, 16th meeting
Bonn, Germany, 13-16 March 2018



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In this presentation

1. The mandates and functions of the TEC
2. The activities of the TEC
3. The outputs of the TEC
4. Example from CTCN monitoring and evaluation
5. Guiding questions



TEC functions

- 1. Overview and analysis**
Provide an overview of technology needs and an analysis of policy and technical issues
- 2. Promotion**
Recommend actions to promote technology development and transfer
- 3. Guidance**
Recommend guidance on policies and programmes, with special consideration to LDCs
- 4. Collaboration**
Promote and facilitate collaboration between technology stakeholders
- 5. Addressing barriers**
Recommend actions to address barriers to technology development and transfer
- 6. Cooperation**
Seek cooperation with technology stakeholders and promote coherence across technology activities
- 7. Technology roadmaps and TAPs**
Catalyse the development and use of technology roadmaps or action plans

The activities of the TEC

- a) Analysis and synthesis
- b) Policy recommendations
- c) Facilitation and catalysing
- d) Linkages with other institutional arrangements under and outside the Convention
- e) Information and knowledge sharing



The outputs of the TEC

- a) **Publications**
- b) **Events**
- c) **Inputs**



Technology Executive Committee.

Performance. Activities.

2016

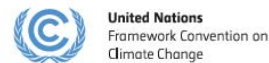


Technology Executive Committee

TEC Brief #9



TECHNOLOGY EXECUTIVE COMMITTEE



Technology Executive Committee.

Performance. Activities.

2017



United Nations Framework Convention on Climate Change

TECHNOLOGY EXECUTIVE COMMITTEE

COMPILATION OF GOOD PRACTICES

in effective knowledge-sharing and practical learning on climate adaptation technologies through South-South and triangular cooperation



Technology Executive Committee

Technology Executive Committee Working Paper

FOR CY MAKERS

Material Efficiency in Emission-Intensive Sectors

Energy consumption, the way we think about energy resources, and the way we use them are all interconnected. High energy efficiency can help reduce the high energy intensity and emissions of energy-intensive sectors.



Multiple benefits of energy efficiency. Source: OECD/IEA, 2014.

Policy makers have a critical role to play in setting standards, policies and laws for energy efficiency. Policies that reduce energy intensity in energy-intensive sectors can help reduce energy intensity and emissions. Policies that reduce energy intensity and emissions can help reduce energy intensity and emissions. Policies that reduce energy intensity and emissions can help reduce energy intensity and emissions.

Barrier	Possible options for policy, stakeholders to addressing barrier
Lack of financial resources	Financial incentives and other instruments
Lack of awareness	Information campaigns, performance labels and demonstration projects
Lack of technical know-how	Improvement of training facilities and on-site demonstration
Lack of consumer choice	Building codes and standards, incentives, education campaigns and demonstration projects
Energy price volatility	Flexibility instruments and long-term energy planning (including setting of targets)
Technical barriers	Technical cooperation and long-term energy planning (including setting of targets)
Lack of access to technology	Research and development programmes
Fragmented domestic technology markets	Financial incentives, and codes and standards

POSSIBLE OPTIONS FOR ACTION

In order to promote industrial energy efficiency, an adequate policy framework is needed. Policy makers can improve the framework for energy efficiency by addressing industrial energy efficiency in national energy policy, standard setting, financing, research and development, and other areas. Policy makers can improve the framework for energy efficiency by addressing industrial energy efficiency in national energy policy, standard setting, financing, research and development, and other areas.

The standards demand for cost-effective investment in energy efficiency is expected that clear and long-term investment signals are sent. Simplifying public support programmes and the processes for obtaining funding are also important in this context. There is a need to provide one-handed support programmes for small and medium-sized enterprises and start-ups that promote energy efficiency. The key challenge is to ensure that the standards are aligned with the local conditions of the country. Another challenge is to ensure that the standards are aligned with the local conditions of the country. Another challenge is to ensure that the standards are aligned with the local conditions of the country.

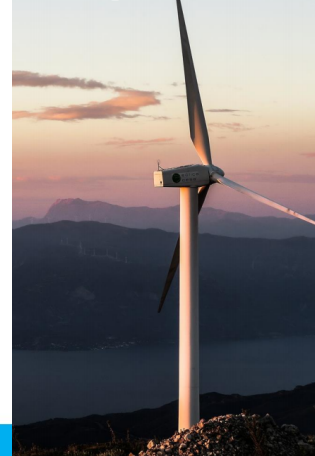
For more information, please read the TEC Brief on energy and material efficiency in emission-intensive sectors.

The Technology Executive Committee may be contacted at: tec@unfccc.org or www.unfccc.org/tec



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Financing financing for the research, development and demonstration of technologies



South-South cooperation and triangular cooperation on technologies for adaptation in the water and agriculture sectors



Technological Innovation for the Paris Agreement

Implementing nationally determined contributions, national adaptation plans and mid-century strategies

Industrial Energy and Material Efficiency in Emission-Intensive Sectors



The outputs of the TEC

- a) Publications
- b) **Events**
- c) Inputs





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- a) Publications
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**Standing
Committee
on Finance**

**Marrakech
Partnership**



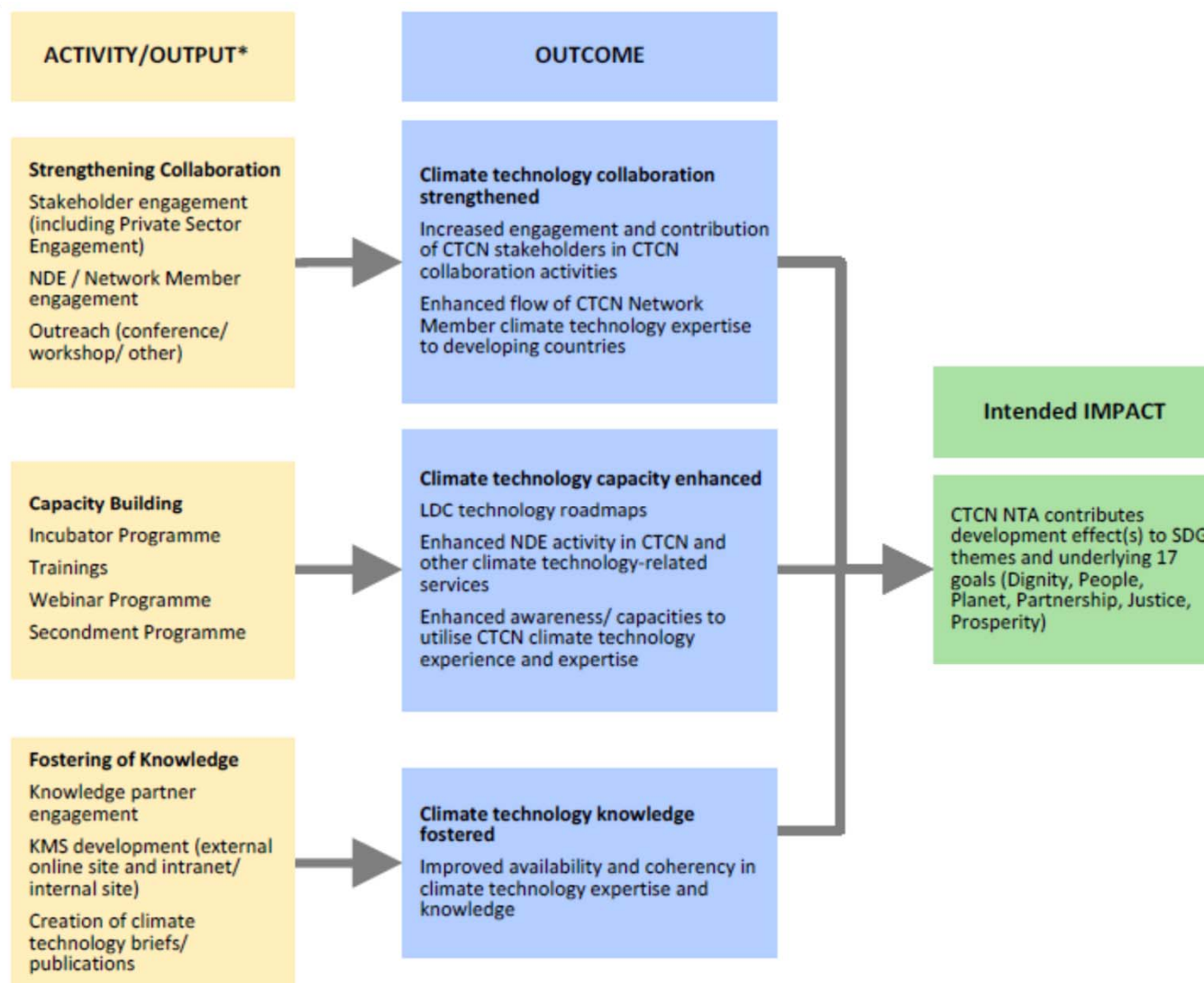
**GREEN
CLIMATE
FUND**

COP

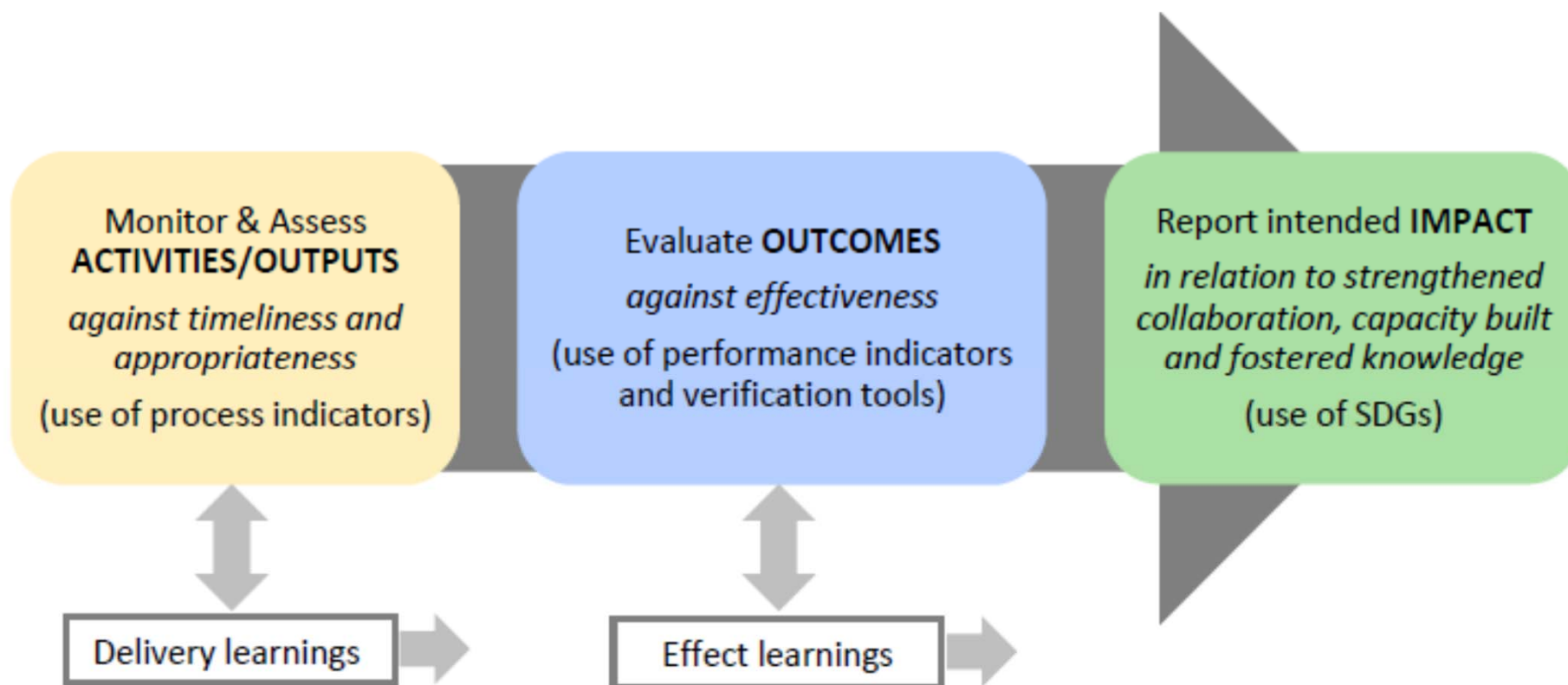
CTCN monitoring and evaluation



Agenda item 6 i. – Monitoring and evaluation of the impacts of the work of the TEC



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Guiding questions

- a) What is it meant as impact(s) in the context of the work of the TEC and the activities that it undertakes?

- b) What ways could be considered to monitor or measure the impacts of the work of the TEC?

- c) How would the TEC envisage this work being taken forward?

Expected action

The TEC is invited to consider the information provided and agree on way forward on how to respond to this COP mandate.



Thank you!

