# Linkages between the Technology Needs Assessment process and the Nationally Determined Contribution process

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## Rolling work plan of the TEC 2016 - 2018

Activity 9.2: Analyze linkages between Technology Needs Assessment (TNA) process and Nationally Determined Contribution (NDC) process.

Deliverable 9.2 : Paper on linking TNA and NDC processes

The **objectives** of this paper are to:

1. Enhance understanding on linkages between TNAs and NDCs, and on how these could be achieved;

2. Propose options to establish concrete linkages between TNAs and NDCs; and

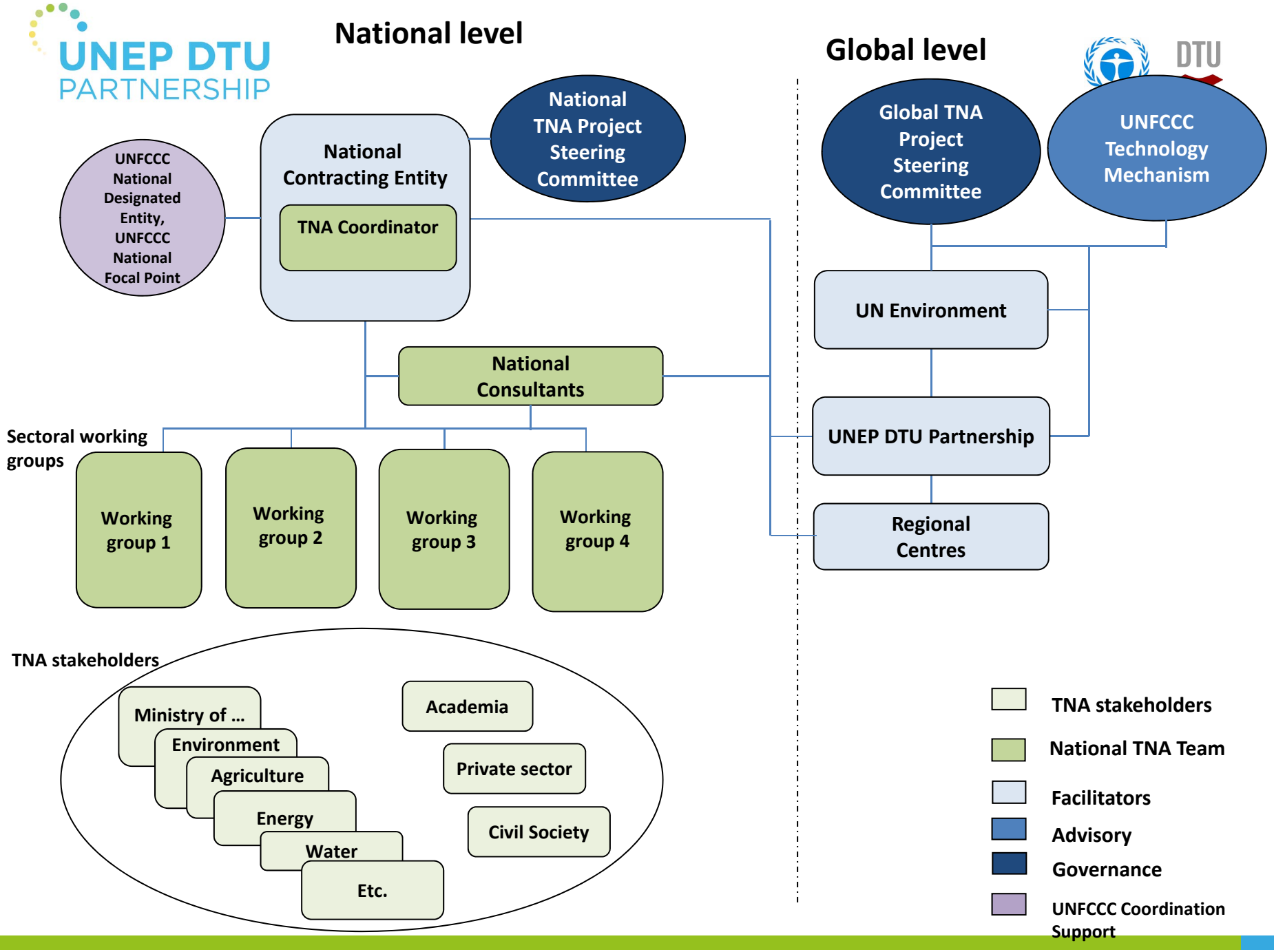
3. Assist the TEC in delivering relevant key messages and recommendations to parties.

# What are the Technology Needs Assessments?

TNAs are a set of activities that identify mitigation and adaptation technology priorities of developing countries

- **country driven**
- **stakeholder involvement**
- **align with national development objectives**
- **explore synergies with other national processes**
- **capacity building**

TNAs offer information on the implementation potential, ability and scale of technologies - and not least the required enabling frameworks for technology transfer and uptake.


National level
Global level
UNEP DTU PARTNERSHIP
DTU
UNFCCC National Designated Entity, UNFCCC National Focal Point
National Contracting Entity
TNA Coordinator
National TNA Project Steering Committee
Global TNA Project Steering Committee
UNFCCC Technology Mechanism
UN Environment
UNEP DTU Partnership
Regional Centres
National Consultants
Sectoral working groups
Working group 1
Working group 2
Working group 3
Working group 4
TNA stakeholders
Ministry of …
Environment
Agriculture
Energy
Water
Etc.
Academia
Private sector
Civil Society
TNA stakeholders
National TNA Team
Facilitators
Advisory
Governance
UNFCCC Coordination Support

# From Technology Needs Assessments to Technology Action Plans

# Commonalities and differences between the processes of TNAs and NDCs

**Commonalities**

- ✓ starting point in national sustainable development objectives
- ✓ identify targets
- ✓ nationally nominated coordinator
- ✓ stakeholder driven process
- ✓ common focus on developing targets and plans to achieve the targets

**Differences**

- ✓ NDC process is not focused on technology per se, but mitigation/adaptation actions and technology needs in that context
- ✓ TNA process has a well-established methodology
- ✓ NDCs focus mainly on identifying and establishing targets, TNAs focus largely on development of the roadmaps to reach the targets

# Existing good practices on linking TNA and NDC processes

***Mali***

- Mali, in part, based the identification of the mitigation and adaptation needs in its NDC on its sustainable development objectives, including a focus on the implementation of the Technology Action Plan for adaptation and mitigation.

***Lebanon***

- For its NDC priority sectors, technologies identified and assessed through the TNA process were included.

***Swaziland***

- Swaziland undertook development of their NDC and TNA process in tandem, using the same team of consultants for both, facilitating the interlinkages between the two planning tools.

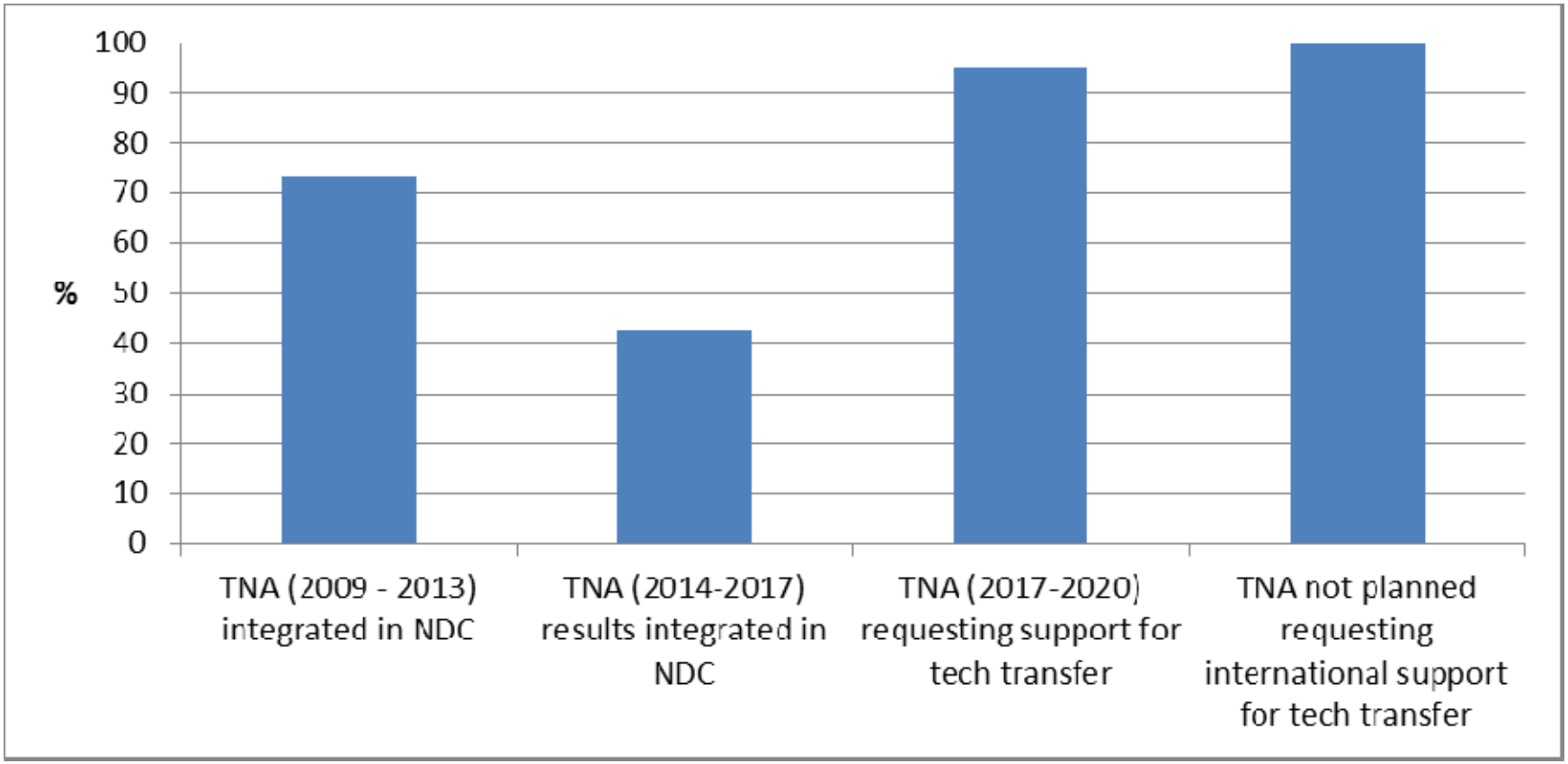
***The Gambia***

- The Gambia is an example of a TNA report that actively tries to align with the targets developed in the NDCs.

# Analysis of 71 NDCs and TNAs

- 30 NDCs from countries who have completed and submitted their TNAs and TAPs;
- 7 NDCs from countries who are in the process of completing their TNAs and TAPs;
- 18 NDCs from countries to participate in the next round of TNAs (expected 2017 – 2020);
- 16 NDCs from countries which have not yet conducted a TNA and are not listed as part of any planned TNA project.

# Analysis of 71 NDCs and TNAs, results



# Countries actively using their TNA in their NDCs

Mali

The NDC highlights the need for implementing the Technology Action Plans (TAPs) derived from the TNA process undertaken in the country. The NDC views the TAPs as the necessary preliminary groundwork to be conducted before its implementation forecasted to begin post 2020.

Grenada

The NDC specifically highlights that the results of the TNA (when completed) will contribute to resilience building activities, in line with its other national plans.

Thailand

The results of its TNA are directly referenced in the NDC to inform on the country's technology needs, which can be met through technology transfer from the international community.

## … and the evidence from NDCs about TNAs

- Majority (73 %) of countries who already have a TNA, integrated TNA information in their NDCs
- Some countries requested an update of their TNA eventhough their TNA was prepared relatively recently (2013)
- Countries who are currently not included for any TNA support also requested support for TNAs in their NDCs
- Majority (80%) of countries requested for international support for technology transfer

# Thank you

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