

Technology Needs Assessment Project Committee Constitution

1. Name of the Committee

The name of the Committee is the Technology Needs Assessment Project Committee (hereinafter referred to as the TNA Project Committee).

2. Objectives of the TNA Project Committee

The objectives of the TNA Project Committee are to oversee the progress of Technology Needs Assessment (hereinafter referred to as TNA) and ensure engagement with key stakeholders throughout the TNA process.

3. Structure and members of the TNA Project Committee

The TNA Project Committee shall consist of a National Project Committee and a Project Steering Committee.

TNA National Project Committee

The TNA National Project Committee (NPC) shall consist of members from the following organisations.

- National TNA Project Coordinator - Federal Ministry of Science and Technology – Department of Environmental Sciences and Technology (FMST-DEST)
- Assistant TNA Project Coordinator - Federal Ministry of Environment – Department of Climate Change (FMEnv-DCC)
- Deloitte Consulting Team
- Research Officers
- Secretariat Staff

The TNA National Project Committee will coordinate the TNA process. The roles and responsibilities of each member of the NPC are as follows:

- The National TNA Project Coordinator, represented by FMST-DEST, will work in close collaboration with the expert consultants in each of the sectors (Agriculture, Energy and Industry), the national TNA team and the Working Groups, including other experts

and relevant stakeholders towards the implementation of the TNA project as outlined in the workplan.

- The Assistant TNA Project Coordinator, represented by FMEnv-DCC, will leverage its role as the National Designated Entity (NDE) to the UNFCCC Technology Mechanism, the Climate Technology Centre and Network (CTCN), and overall involvement in Nigeria's climate change-related matters to guide the TNA project and facilitate the task of communication among the related stakeholders in collaboration with the Project Coordinator.
- Deloitte Consulting Team: These are subject matter experts in climate change mitigation and adaptation, climate finance, gender, energy, and policy delivering the tasks and supporting the TNA process and the TNA Project Committee. The consulting team has been commissioned by UNIDO/CTCN to deliver this project, and will be responsible for the delivery of its outputs.
- Research Officers and Secretariat Staff: Research officers are relevant scientific officers in FMST and FMEnv that will work closely with the consulting team. Secretariat staff will support the effective coordination and communication among NPC members, PSC members, sector groups and other relevant stakeholders during the TNA process. The research officers and secretariat will be critical to the successful operation of the NPC.

TNA Project Steering Committee

The TNA Project Steering Committee (PSC) is comprised of the identified stakeholders relevant to the TNA process. Members of the TNA Project Steering Committee constitutes proposed representatives from applicable Ministries, Departments, and Agencies (MDAs), private sector organizations, academia, civil societies/NGOs, and finance institutions. These members include:

- Federal Ministry of Environment – Department of Climate Change (Chair of the PSC)
- Federal Ministry of Science and Technology – Department of Environmental Sciences and Technology (Co-chair of the PSC); Renewable and Conventional Energy, and Technology Acquisition and Adaptation Departments
- Federal Ministry of Agriculture and Rural Development
- Federal Ministry of Industry, Trade and Investment
- Federal Ministry of Power
- Federal Ministry of Finance, Budget and National Planning
- Energy Commission of Nigeria (ECN)
- Institute for Physics and Ecology Ltd/GTE

- Manufacturers Association of Nigeria (MAN)
- Federal Ministry of Women Affairs and Social Development
- Nigeria Climate Innovation Centre (NCIC)
- Center for Climate Change, Alex Ekwueme, Federal University Ndufu-Alike Ikwo (AE-FUNAI) (Southern Nigeria)
- Centre for Arid Zone Studies, University of Maiduguri (Northern Nigeria)

A delegate from FMEnv-DCC in its role as the UNFCCC Focal Point and the Chair of the Inter-ministerial Committee on Climate Change and the GCF Focal Point, supported by and in close collaboration with FMST-DEST in its role as the National TNA Project Coordinator and Co-chair of the PSC, shall act as the chairperson of the PSC to ensure that PSC meetings run smoothly, including facilitating the validation workshops to identify key technologies and ensuring coherence and linkages between national climate change activities.

Members of the TNA Project Steering Committee are responsible for:

- Providing necessary data and information for the TNA;
- Engaging actively throughout the TNA process;
- Overseeing the implementation of the project;
- Collaborating with the TNA Project Coordinator to ensure validation of the project deliverables and outputs based on agreed timelines;
- Coordinating with the broader stakeholders within the priority sectors and/or relevant thematic areas, as necessary during the TNA process.

Sectoral Working Groups

Sectoral working groups shall be formed under the Project Steering Committee to allow for a wider participation of key stakeholders in Nigeria. The sectors and members of working groups shall be defined by the Project Steering Committee. Working groups shall be organised by sectors of expertise and/or transversally with equal gender representation - to the extent possible - across all groups. Members of working groups may include representatives from government departments responsible for policy formulation and/or regulation, regulatory agencies, business associations, specific companies and/or entrepreneurs, and other public, private, civil society organisations. The Chairs of the sectoral working groups will convene the working group meeting as necessary, upon proposal to the NPC.

Below is the indicative list of sectors and themes which working groups may be formed based on

the following;

- Energy
- Industry
- Agriculture
- Gender
- Technology and Innovation
- Finance

Members of each working group are listed in Annex 1.

Each working group shall be formed from the Steering committee. Each of the working group will assign a chairperson, who is responsible for:

- Arranging and organising working group meetings as necessary;
- Collecting opinions and feedbacks from working group members.

Members of sectoral working groups are responsible for:

- Providing inputs to identify prioritised sector/subsectors for the fulfilment of the country's TNA;
- Providing inputs to identify prioritised technologies for adaptation and mitigation in each sector/subsector and validating the final selection of prioritised technologies;
- Providing inputs to develop the Technology Action Plan (hereafter referred to TAP) for each sector/subsector, including barriers and risks to introducing prioritised technologies and necessary measures to remove them;
- Reviewing TAP for each sector and providing technical feedback.

4. Project Steering Committee Meetings

The PSC members shall meet either in person or online a minimum of four times by the end of March 2022. The date, venue, and agenda of meetings shall be defined in a work plan.

5. Project Steering Committee Quorum

The PSC is expected to have a minimum of eight (8) of the fifteen (15) representatives of the Committee (above 50 percent representation of Committee member entities) before proceedings commences.

Annex 1: Members of working group

Energy

- Chaired by: Federal Ministry of Power*
- Co-chair: Energy Commission of Nigeria (ECN)*
- Energy subsector representative from the Manufacturers Association of Nigeria*
- Federal Ministry of Environment – Department of Climate Change*
- Federal Ministry of Science and Technology - Environmental Sciences and Technology, Renewable and Conventional Energy and Technology Acquisition and Adaptation Departments*
- Transversal representation from Gender, Technology and Innovation, and Finance
- Other relevant key stakeholders (e.g., Federal Ministry of Petroleum Resources, Association of Nigerian Electricity Distributors (ANED), Renewable Energy Association of Nigeria)

Industry

- Chaired by: Federal Ministry of Industry, Trade and Investment*
- Co-chair: Manufacturers Association of Nigeria (MAN)*
- Industry subsector representative from the Manufacturers Association of Nigeria*
- Nigerian Association of Chambers of Commerce, Industry, Mines and Agriculture
- Federal Ministry of Environment – Department of Climate Change*
- Federal Ministry of Science and Technology - Environmental Sciences and Technology, Renewable and Conventional Energy and Technology Acquisition and Adaptation Departments*
- Transversal representation from Gender, Technology and Innovation, and Finance
- Other relevant key stakeholders (e.g., Federal Ministry of Mining and Steel, among others)

Agriculture

- Chaired by: Federal Ministry of Agriculture and Rural Development*
- Co-chair: Nigerian Incentive-Based Risk Sharing System for Agricultural Lending (NIRSAL)
- Agriculture subsector representative from the Manufacturers Association of Nigeria*
- Nigerian Association of Chambers of Commerce, Industry, Mines and Agriculture
- Federal Ministry of Environment – Department of Climate Change*
- Federal Ministry of Science and Technology - Environmental Sciences and Technology, Renewable and Conventional Energy and Technology Acquisition and Adaptation

Departments*

- National Environmental Standards and Regulations Enforcement Agency (NESREA)
- United Nations Environment Programme Ecosystem Based Adaptation for Food Security Assembly (UNEP EBAFOSA) Nigeria
- Federal Ministry of Water Resources
- National Water Resources Institute
- Transversal representation from Gender, Technology and Innovation, and Finance
- Other relevant key stakeholders

Gender

- Chaired by: Federal Ministry of Women Affairs and Social Development*
- Co-chair: Women Environmental Programme
- Gender equality focal points from the key sector Ministries (i.e., Federal Ministry of Agriculture and Rural Development, Federal Ministry of Industry, Trade and Investment, and Federal Ministry of Power)
- Federal Ministry of Environment – Department of Climate Change*
- Other relevant key stakeholders

Technology and Innovation

- Chaired by: Federal Ministry of Science and Technology - Environmental Sciences and Technology, Renewable and Conventional Energy and Technology Acquisition and Adaptation Departments*
- Co-chair: Institute for Physics and Ecology Ltd/GTE*
- Federal Ministry of Environment – Department of Climate Change*
- Nigeria Climate Innovation Centre*
- Center for Climate Change, Alex Ekwueme, Federal University Ndufu-Alike Ikwo*
- UNEP EBAFOSA
- Other relevant key stakeholders

Finance

- Chaired by: Federal Ministry of Finance, Budget and National Planning*
- Co-chair: African Development Bank
- Africa Finance Corporation
- Central Bank of Nigeria
- Chartered Institute of Bankers
- Federal Ministry of Environment – Department of Climate Change*

- Federal Ministry of Science and Technology – Department of Environmental Sciences and Technology (DEST)*
- NIRSAL Microfinance Bank
- Other relevant key stakeholders

*: members of Project Steering Committee