

Monitoring & Evaluation (M&E) Plan and Impact Statement Form

Objective of the M&E Plan and Impact Statement:

- The M&E Plan and Impact Statement must be designed based on the Technical Assistance Response Plan and must enable the Implementer to complete the Closure Report at the end of the assistance.

Process for filling in the form:

- The Implementer must identify relevant quantitative and qualitative indicators as specified in the Closure Report. A sub-set of indicators to monitor and assess must be chosen among these.
- The Implementer may also identify other specific, measurable, achievable, relevant, and time-bound indicators suitable to monitor Activities, Outputs and anticipated Outcomes from the technical assistance and add to the M&E Plan and Impact Statement.
- During implementation of the TA or FTA, the Implementer must collect all relevant data as described in the Monitoring & Evaluation Plan. Aggregated data on selected indicators as well as an updated version of the Impact Statement will be presented in the Closure Report at the end of the assistance.

Basic Information	
Title of response plan	Technology Needs Assessment and associated action plan for climate change mitigation and adaptation in Nigeria's most vulnerable economic sectors
Technical assistance reference number	2018000020
Country/ countries	Nigeria
NDE focal point and organisation	Mr. Chukwuemeka Okebugwu Department of Climate Change, Federal Minister of Environment
Sector(s) addressed	Agriculture, energy, and industry
Technologies supported	Technologies supporting the achievement of Nigeria's climate goals in the sectors addressed will be identified
Implementation period and total duration	October 2020 – March 2022 (18 months)
Total budget for implementation	USD 334,100*
Designer of the response plan	Deloitte Tohmatsu Financial Advisory Services LLC
Implementer of response plan	Deloitte Tohmatsu Financial Advisory Services LLC

**This value is the total budget approved for the readiness proposal; the total amount currently approved so far is USD 268,825, which excludes activity 2.5. The remaining value for activity 2.5 is subject to budget allocation from the GCF as the project progresses.*

(A) Outputs and Activities as described in the Response Plan	(B) Indicator	(C) Expected results	(D) Method and frequency for data collection	(F) Comments
Completion of the technical assistance (TA)	1. Anticipated increased economic resilience	Nigeria's key sectors will be more resilient to the impact of climate change as a result of the technology action plans (TAPs) identified under the TA and implemented thereafter	1. Confirm status of implementation for each TAP – interview with TAP main implementing agency once a year after the end of the TA	
Completion of the TA	1. Anticipated increased health and wellbeing at national level	Co-benefits from the implementation of TAPs are expected to contribute to enhanced food security and others (to be determined once technologies are prioritized)	1. Confirm status of implementation for each TAP – interview with TAP main implementing agency once a year after the end of the TA	
Activities 2.3 and 2.4	1. Anticipated amount of funding (USD) as a result of TA	Estimated finance under the TAPs leveraged (public and private funding mobilized from national/ domestic resources and international/ regional resources)	1. Confirm status of implementation for each TAPs – interview with TAP main implementing agency once a year after the end of the TA	
Activity 0: Development of implementation planning and communication documents	1. Total number of deliverables produced (tools and technical documents)	1. The following deliverables produced <ul style="list-style-type: none"> ▪ Detailed work plan; ▪ Monitoring 	1. Submission of deliverables/ once	

		and Evaluation plan; <ul style="list-style-type: none"> ▪ Impact description ▪ CTCN Closure and data collection report ▪ GCF progress interim report; ▪ Annual audited financial statement; ▪ GCF completion report; ▪ Final audited financial report 		
Activity 1.1: Conduct a stakeholder's analysis	<ol style="list-style-type: none"> 1. Total number of deliverables produced (tools and technical documents) 	Stakeholder mapping report and stakeholders' consultation workshops report produced	<ol style="list-style-type: none"> 1. Submission of 1 report of stakeholders' consultation workshops/ once 2. Submission of 1 stakeholder mapping report/ once 3. Submission of attendance registry and meeting minutes/ once 	
Activity 1.2: Support establishment of a TNA Committee	<ol style="list-style-type: none"> 1. Establishment of the TNA Committee 2. Total number of deliverables produced (tools and technical documents) 3. Number of training organized 	<ol style="list-style-type: none"> 1. Official government TNA committee established 2. 1 TNA Constitution document produced 3. 1 training on the TNA process conducted 	<ol style="list-style-type: none"> 1. Submission of 1 report on the TNA training/ once 2. Submission of 1 National TNA Committee Constitution/ once 3. Submission of attendance registry and meeting minutes/ once 	
Activity 1.3:	<ol style="list-style-type: none"> 1. Total number of 	<ol style="list-style-type: none"> 1. 4 Committee 	<ol style="list-style-type: none"> 1. Submission of 1 	

Development of a work plan for monitoring and oversight	<ol style="list-style-type: none"> 2. Total number of deliverables produced (other information materials) 	<ol style="list-style-type: none"> 2. TNA Committee work plan produced 	<p>TNA Committee work plan/ once</p> <ol style="list-style-type: none"> 2. Submission of 1 endorsed TNA Constitution document/ once 3. Submission of 4 Committee meeting reports/ once 4. Submission of attendance registry and meeting minutes/ once 	
Activity 2.1: Pre-selection of sub-sectors for the fulfilment of Nigeria's TNA	<ol style="list-style-type: none"> 1. Total number of deliverables produced (tools and technical documents) 	<ol style="list-style-type: none"> 1. The following deliverables produced <ul style="list-style-type: none"> ▪ Report describing the methodology utilized for sector and subsector selection and prioritization ▪ Subsectors stakeholders' validation workshops report; 	<ol style="list-style-type: none"> 1. Submission of all listed deliverables / once 2. Submission of attendance registry and meeting minutes/ once 	
Activity 2.2: Pre-selection of mitigation and adaptation technologies for the fulfilment of Nigeria's TNA	<ol style="list-style-type: none"> 1. Total number of deliverables produced (tools and technical documents) 2. Total number of events organized 	<ol style="list-style-type: none"> 1. Validation workshops conducted 2. The following deliverables produced <ul style="list-style-type: none"> ▪ 3 TNA fact sheets briefs; ▪ Report detailing the technology prioritization process ▪ Final reports including a mitigation TNA report and an adaptation TNA report 	<ol style="list-style-type: none"> 1. Submission of deliverables / once 2. Submission of workshop report/ once 3. Submission of attendance registry and meeting minutes/ once 	

<p>Activity 2.3: Technology Action Plan(s)</p>	<ol style="list-style-type: none"> Total number of deliverables produced (tools and technical documents) 	<ol style="list-style-type: none"> Report and executive summary of TAP produced 	<ol style="list-style-type: none"> Submission of report and executive summary / once 	
<p>Activity 2.4: Validation of Technology Action Plan (TAP) with stakeholders</p>	<ol style="list-style-type: none"> Total number of deliverables produced (tools and technical documents) Total number of events organized 	<p>Technology Action Plan (TAP) validated by stakeholders</p>	<ol style="list-style-type: none"> Submission of 3 reports of the workshop for the validation of technology action plan and analysis of co-benefits / once Submission of attendance registry and meeting minutes/ once 	
<p>Activity 2.5*: Support the implementation of the Technology Action Plan with communications, guidance and training</p>	<ol style="list-style-type: none"> Total number of deliverables produced (tools and technical documents) Total number of events organized 	<ol style="list-style-type: none"> The following deliverables produced <ul style="list-style-type: none"> 3 policy briefs Market assessment report Report on advanced energy models, capability and data inventory analysis Terms of reference to be shared with GCF Report on the dissemination strategy Workshop reports on each of the 6 regional workshops 6 regional 	<ol style="list-style-type: none"> Submission of all listed deliverables / once Submission of 6 reports on regional workshop (including the full list of participants and photos) / once Submission of attendance registry and meeting minutes/ once 	

		workshops conducted		
Activity 3: Engaging the private sector in Nigeria's consultative processes	1. Total number of deliverables produced (tools and technical documents) 2. Total number of events organized	6 training workshops conducted	1. Submission of 6 reports of training workshop (including full list of participants and photos) / once 2. Submission of attendance registry and meeting minutes/ once	

**The implementation of Activity 2.5 is subject to revision of the contract with UNIDO.*

Note: The Response Plan may contain information useful for the section below. The information in the table below will be used by the CTCN for public communication of the achieved and expected results of the Technical Assistance through the CTCN website www.ctc-n.org and other communication channels. See for example: https://www.ctc-n.org/sites/www.ctc-n.org/files/benin_a_ag_forestry.final.pdf

Impact Statement	
Challenge	Nigeria faces several climate challenges, including estimated increase in GHG emissions and increase in climate vulnerabilities and risks. Nigeria has developed its NDC; however, its country planning process is in its infancy and identified that identification and introduction of technologies are challenging. Nigeria also experiences gender inequalities, limiting inclusion of perspectives of women and other diverse groups in planning and policy discussions, as reflected in its ranking on the World Economic Forum's 2018 World Gender Gap Report.
CTCN assistance	<ul style="list-style-type: none"> ▪ Institutionalize a coordination mechanism for the development and implementation of technology needs assessment (TNA) and technology action plan (TAP) ▪ Identify and prioritize technologies and develop TAPs, which will enable Nigeria to improve its access to climate finance ▪ Engage key stakeholders from the public, private, CSOs, and academic sectors in the process of TNA-TAP development to reflect their needs in terms of climate technologies
Anticipated impact	<ul style="list-style-type: none"> ▪ Available climate technologies are prioritized and associated gender-responsive action plans are developed to enable climate technology transfer in support of the NDC ▪ Access to financial resources is enhanced that support the implementation of climate plans and relevant projects
Anticipated co-benefits from the TA	The TA is expected to contribute to identifying co-benefits in the prioritized sectors, which include the following: <ul style="list-style-type: none"> ▪ Agriculture: Through the promotion of sustainable management of agriculture, the TA will contribute to increasing efficiency of food production and thereby to enhancing food security ▪ Energy: Through the reduction of emissions and pollution, the TA will contribute to improving air and water quality and thereby to human health

	<p>and well-being</p> <ul style="list-style-type: none"> ▪ Industry: Through the promotion of sustainable manufacturing and production, the TA will contribute to increasing economic resilience that support diversification of livelihood and local competitiveness ▪ By integrating gender, the TA will contribute to gender equality and women’s empowerment.
Gender aspects of the TA	<p>The TNA will respond to an intersectional analysis of gender differentials and the different priorities, needs and interests of women and men. The development of TAPs includes a gender analysis and clearly identifies the gendered impacts of proposed technologies and project ideas. All capacity building packages for TNA key stakeholders will integrate gender responsive analysis and entry points and seek to address gender differentials.</p>
Anticipated contribution to NDC	<ul style="list-style-type: none"> ▪ Better coordination of climate actions in the country, including achieving and enhancing the NDC through the setup of coordination mechanism ▪ Technology needs, the enabling environment and investments are linked to achieve NDC through the development of technology action plans and climate finance project pipeline
The narrative story	<p>Nigeria is the largest economy in sub-Sahara Africa. Although Nigeria’s economy is diversifying, the country still faces a number of development and climate challenges. While, Nigeria remains a relatively small contributor to worldwide GHG emissions, it is also the second largest emitter in sub-Saharan Africa and it is expected that emissions will increase by more than 58 percent until 2035. Nigeria has prepared and submitted its Third National Communication (TNC), the First Biennial Update Report (BUR1), and its NDC that highlight the challenges in mitigation and adaptation met by the country.</p> <p>In this context, Nigeria has requested the support of CTCN and UNIDO for the development of a TNA and associated gender-responsive action plans for climate change mitigation and adaptation. These will help to implement its climate action plans and to access finance from climate finance sources, such as the GCF.</p> <p>The CTCN assistance aims to support in promoting better coordinate climate action in the country, while achieving Country Programming objectives. It will encompass the identification and prioritization of technologies that can support the achievement of the country’s climate objectives. The TNA and TAPs developed will provide the guidance required in Nigeria to develop its climate finance pipeline. It will bridge the gap among the technologies, enabling environment, and investments.</p>
Contribution to SDGs	<p>As this technical assistance will contribute to the achievement of Nigeria’s climate goals, it will contribute to SDG Goal 13. The technologies identified are expected to target key economic sectors, including in climate mitigation, such as energy and industry, and in climate adaptation, such as food security and water resources in agriculture, among others. It will therefore at least contribute to goals 1 (End poverty in all its forms everywhere), 2 (End hunger, achieve food security and improved nutrition and promote sustainable agriculture), 6 (Ensure availability and sustainable management of water and sanitation for all), 7 (Ensure access to affordable, reliable, sustainable and modern energy for all). The TNA will respond to an intersectional analysis of gender differentials and the different priorities and needs of women and men. Thus, it will also contribute to goal 5 (Achieve gender equality and empower all women and girls).</p>
Reference to knowledge products	<p><i>Not applicable</i></p>