



Project Implementation Report

(1 July 2023 – 30 June 2024)

Project Title:	Improving Nigeria's Industrial Energy Performance and Resource Efficient Cleaner Production through Programmatic Approaches and the Promotion of Innovation in Clean Technology Solutions
GEF ID:	9714
UNIDO ID:	160283
GEF Replenishment Cycle:	GEF-6
Country(ies):	Nigeria
Region:	AFR - Africa
GEF Focal Area:	Climate Change Mitigation (CCM)
Integrated Approach Pilot (IAP) Programs¹:	NA
Stand-alone / Child Project:	Stand alone
Implementing Department/Division:	TCS/ECA/ESD
Co-Implementing Agency:	NA
Executing Agency(ies):	<ul style="list-style-type: none"> • Manufacturing Association of Nigeria (MAN) • Energy Commission of Nigeria (ECN) • Federal Ministry of Environment (FMEnv) • Bank of Industry (BOI) • ECOWAS Centre for Renewable Energy & Energy Efficiency (ECREEE)
Project Type:	Full-Sized Project (FSP)
Project Duration:	68 months
Extension(s):	20 months
GEF Project Financing:	3,898,265 USD
Agency Fee:	370,335 USD
Co-financing Amount:	22,000,000
Date of CEO Endorsement/Approval:	1/24/2020
UNIDO Approval Date:	3/11/2020
Actual Implementation Start:	4/29/2020
Cumulative disbursement as of 30	USD 3,868,796.80

¹ Only for GEF-6 projects, if applicable

June 2024:	
Mid-term Review (MTR) Date:	6/1/2023
Original Project Completion Date:	4/29/2024
Project Completion Date as reported in FY23:	4/29/2024
Current SAP Completion Date:	12/31/2025
Expected Project Completion Date:	12/31/2025
Expected Terminal Evaluation (TE) Date:	8/1/2025
Expected Financial Closure Date:	3/31/2026
UNIDO Project Manager²:	Karin Reiss-Haimbala

I. Brief description of project and status overview

Project Objective		
<p>The project aims to accelerate the adoption of industrial energy efficiency (IEE) and to improve enterprise environmental performance under the wider umbrella of Resource Efficiency and Cleaner Production (RECP) best practices and innovative approaches within selected small, medium and large-scale industrial enterprises in Nigeria.</p>		
<i>Project Core Indicators</i>		<i>Expected at Endorsement/Approval stage</i>
6	<i>Greenhouse Gas Emissions Mitigated (metric tons of CO2e)</i>	<i>Direct: 700,271; Indirect (top down): 2,063,857</i>
11	<i>Number of direct beneficiaries disaggregated by gender as co-benefit of GEF investment</i>	<i>2,100 male; 700 female (Total 2,800)</i>

Baseline
<p>In Nigeria, most businesses use inefficient processes and outdated technologies instead of modern processes. This causes more environmental damage and higher production costs, affecting their profitability and competitiveness. Furthermore, businesses are unable to fully understand how to affect the technical and managerial changes required to meet emerging social and environmental standards.</p> <p>Many analysts see the power sector in Nigeria as the key constraint on economic development. Once connected to the electricity provider, Nigerian businesses' biggest reported problem is the erratic power supply. About 83% of all enterprise managers surveyed by the WB considered electricity outages to be a serious problem – a score higher than any other constraint. In the first half of 2018 electricity supply was at an average of nine hours a day.</p> <p>Aside from the unavailability of constant power, there is also the issue that most manufacturing</p>

² Person responsible for report content

industries carry out their activities without having a “clean bill of health”, i.e., the production processes adopted by these companies are not operating with the Best Available Techniques (BAT) and Best Environmental Practices (BEP) including, where appropriate, clean technology, regarding their obligations to reduce and prevent environmental pollution (land, sea, and air). Compared to the G20 countries, Nigeria can be considered as an emerging economy, and like most emerging countries, the industrial sector (primary, secondary and tertiary) is faced with severe environmental degradation and resource depletion, which threaten opportunities for sustainable economic and industrial growth. Therefore, there is an urgent need for the “Greening of Industries” in Nigeria.

The proposed project has two distinct but related focus areas, these being firstly, increased industrial energy efficiency through the introduction of EnMS and ESO and secondly, the application of resource efficiency methodologies which will lead to further Greenhouse Gas (GHG) emission reductions through such mechanisms as reduced utilization of industrial inputs and their associated energy costs (e.g. industrial water usage), increased recycling through industrial symbiosis and reduced waste within the local environment that may decompose releasing GHGs e.g. Methane (CH₄).

The primary target beneficiaries of the proposed project is medium and large manufacturing companies within the Nigerian industrial sector that consume energy, make use of natural resources including water as material inputs, and whose methods of production generate industrial wastes and emissions that have adverse effects on the environment, the wider economy, and the people.

Overall Ratings³	FY24	FY23
Global Environmental Objectives (GEOs) / Development Objectives (DOs) Rating	<i>Moderately Satisfactory (MS)</i>	<i>Moderately Satisfactory (MS)</i>
The overall assessment of the GEO/DOs project is moderately satisfactory. While the project is currently in progress, it has faced delays in the execution of certain activities. Efforts are underway to mitigate these delays and ensure the timely completion of these activities. Importantly, several high-impact activities crucial for achieving the GEO/DOs objectives are scheduled to be accomplished later in the project timeline.		
Implementation Progress (IP) Rating	<i>Satisfactory (S)</i>	<i>Moderately Satisfactory (MS)</i>
The project implementation is satisfactory, with significant progress in conducting technical trainings and cleaner production assessments within expected timelines. Efforts are ongoing to address challenges and delays to ensure timely completion of remaining activities crucial for achieving objectives of the project.		
Overall Risk Rating	<i>Low Risk (L)</i>	<i>Low Risk (L)</i>
The project carries a low risk. Significant milestones have already been achieved, and ongoing activities are being executed. The project partners are dedicated to its successful completion and		

³ Please refer to the explanatory note at the end of the document and assure that the indicated ratings correspond to the narrative of the report

are determined to continue working diligently toward the project goal/completion, as compared to the initial stage of the project when considerable delays and set backs were experienced.

II. Targeted results and progress to-date

Project Strategy	KPIs/Indicators	Baseline	Target level	Progress in FY24
Component 1 – Strengthening of national industrial and environmental policies and regulatory frameworks for IEE and environmental management standards.				
Outcome 1.1 - Improved Government knowledge base for strengthened national policy & regulatory environments in regards to Industrial Energy Efficiency (IEE) and Resource Efficient and Cleaner Production (RECP).				
Output 1.1.1: National industrial, energy and environmental policies and regulations reviewed with recommendation formulation.	Validation workshops on the analysis of the National Industrial energy efficiency policies & regulations and environmental policies conducted	No assessment or recommendations for regulatory and policy framework in alignment with ISO 50001 and ISO 14000 currently exist	1 assessment report completed 65% males; 35% females	No progress to report in FY24
Output 1.1.2: Mapping of industrial energy usage and waste hotspot(s) carried out (with a database of industrial highly energy intensive, resource consuming and waste producing enterprises developed).	# of database focused on high energy intensive industries that detail industry's energy use, material input, and waste generation	No database currently exists detailing high energy intensive industries (from an energy, resource and waste perspective), and their energy use, material input and waste generation	1 database developed	No progress to report in FY24

Output 1.1.3: Government capacity building programme initiated with a focus on promoting and strengthening capacity in policy/regulation formulation, performance monitoring as well as enforcement mechanisms for environmental and industrial regulations	Training needs assessment provided and report submitted	No evidence of Training Needs Assessment of energy and environment regulators to instill awareness and improve knowledge base exist in the country	Training needs identified	<ul style="list-style-type: none"> The IEE working organised a one-day capacity-building training workshop on Industrial Energy Efficiency Policy/Regulation formulation for Government Energy Policy makers and Regulators in Nigeria in Abuja on August 22, 2023. The workshop had in attendance 76 participants, 30% female and 70% male. {Annex 18} The RECP Working Group organised a one-day capacity building program in Abuja on November 9, 2023, focusing on enhancing skills in policy and regulation formulation, monitoring, and enforcement for environmental and industrial regulators. The workshop had in attendance 82 participants 43% female and 57% male with an additional 50 participants online. <p>{See Annex 3}</p>
	Public-Private Stakeholders Engagement on Energy and Environmental Regulatory Framework is organised	No evidence of public-private dialogue on energy and environmental regulatory frame work	360 Government officials across various MDAs.	NA
	# of new Regulatory manual to guide industrial relations of the Regulators	Obsolete Regulatory manual	Regulators in Nigeria	<ul style="list-style-type: none"> The IEE and RECP working group prepared draft Regulatory manuals to guide industrial relations of

				government agencies and ministries {see Annex 4 & Annex 5}
Outcome 1.2: International management standards' functionality improved through enhanced national ISO 50001 series & 14000 series accreditation and certification capacity				
Output 1.2.1 International management standards' functionality improved through enhanced national ISO 50001 series & ISO 14000 series accreditation and certification capacity (PMU in close corporation with SON)	# of sensitization workshop for Industry stakeholders and experts on the impact of ISO standards and production efficiency	Inadequate awareness and understanding of the ISO 50001 series and ISO 14000 series.	20 Government officials trained 20 SON representatives trained 70% males; 30% females	<ul style="list-style-type: none"> Standards Organization of Nigeria (SON) conducted sensitization workshops for industry staff and experts on the significance of ISO standards and enhancing production efficiency in two zones on October 12-13, & October 17-18, 2023. The workshops included 30 participants 18% female and 82% male participants. {See Annex 6 for report of the workshops}.
Component 2 - Modular IEE EnMS/ESO and RECP Industrial Enterprise and Engineering Consultancy Base Training and Capacity Building Programme				
Outcome 2.1: Strengthen the Capacity of Nigerian industrial sector and the industrial consulting base in regard to the EnMS/ESO and RECP methodologies within a sustainable framework that supports long-term competency development and the delivery of technical assistance on EnMS/ESO and RECP to industrial enterprises				
Output 2.1.1. & 2.1.2 Modular IEE, ENMS, ESO and RECP Industrial Enterprise and Engineering Consultancy Base Training and Capacity Building Programme in accordance with UNIDO Standard	Context-specific EnMS and ESO technical training courses delivered to the industry and manufacturing sector	UNIDO delivered an awareness raising workshop in April 2018 that engendered interest in the full training by industries	Course delivered to 300 industrial staff; 75% male; 25% female; Training materials are gender-responsive.	<ul style="list-style-type: none"> The PMU has compiled excel sheets listing participants who attended various training workshops organised. This indicates about 30% female and 70% male have attended several workshops/trainings under the project {See Annex 16}
	Context-specific RECP technical training courses delivered to the industry and manufacturing sector	No previous technical RECP training focused on industry/manufacturing sector exists in Nigeria	Course delivered to 200 industrial / manufacturing staff; Training materials are gender-responsive.	<ul style="list-style-type: none"> Two days beginner technical training was conducted on IEE & RECP Methodologies across 4 selected industrial zones. The workshops had in attendance a total of

			189 participants 14% female, 86% male. {See Annex 16}
Develop curriculum for professional qualification in IEE, EnMS, ESO and RECP in collaboration with the shortlisted universities	No curriculum on IEE & RECP courses in Nigeria	Staff of Universities and Industries	<ul style="list-style-type: none"> The international consultant with the assistance of the selected Universities and developed the first draft curriculum using survey from universities and industrial stakeholders {See Annex 7} <ul style="list-style-type: none"> A meeting was organised with the leadership of the Nigerian University Commission (NUC) to facilitate their buy-in for the development of professional certification. UNIDO, along with representatives from selected universities and MAN/PMU, were in attendance. {See report in Annex 8}

Outcome 2.2. Strengthened internal capacity of selected and expanded Nigerian EnMS/ESO/RECP training centre/project host in order to provide and coordinate EnMS/ESO/RECP training and related implementation technical assistance to Nigerian enterprises on a long-term and ultimately commercially sustainable basis.

Output 2.2.1: Standard accreditation and certification capacity building programme on ISO50001 and ISO14000 (ISO14001 & ISO14004) implemented.	Development of internal programme for Training Centre on EnMS/ESO/RECP delivery	No such centre or internal programmes exists in Nigeria	2 internal courses including session on gender equality	No progress to report in FY24
	Network of training and enterprise consultants created	No such centre or internal programmes exists in Nigeria	Nigerian EnMS/ESO/RECP training centre has network of training and enterprise consultants; 60% males; 40% female.	No progress to report in FY24
Output 2.2.2 EnMS/ESO/RECP business planning and Corporate Strategy Training for National Project	EnMS/ESO/RECP Business Planning and Corporate strategy training for the Project	No proper guide for industrial stakeholders on business planning and corporate strategy module	Staff of banks and Industries 30% female and 70% male	<ul style="list-style-type: none"> Two training workshops were organized on September 26 & 28, 2023 to emphasize the importance and

Host/Centre to ensure long term provision of EnMS, ESO & RECP training and technical services	Host, partner universities and selected stakeholders			<p>benefits of the IEE & RECP Project for industrial stakeholders in Nigeria. These workshops also highlighted the crucial role of financial institutions in providing assistance to companies striving to achieve efficiency. Total of 57males and 21 females were in attendance.</p> <p>{See reports in Annex 9}</p>
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Component 3. EnMS, ESO, and RECP Piloting and Demonstration Programme.

Outcome 3.1: Targeted piloting and demonstration / national awareness on: (i) EnMS & ESO; (ii) improved productive use of natural resources and manufacturing inputs (water, chemicals & materials); and (iii) waste/emission minimization, in the Nigerian industrial sector is strengthened within the scope of regulatory compliance and increased competitiveness.

Output 3.1.1. EnMS, ESO and RECP Piloting and Demonstration Programme (Gender balance to be duly considered)	Technical assessments on companies identified and support identified companies in the development of IEE/RECP business plan	Need to assist companies in evaluating their production processes to enhance energy efficiency and optimize resource efficiency and waste management.	30 Industries	<ul style="list-style-type: none"> • The PMU organised a cleaner production assessment with support from international consultants. Participants included national consultants, university representatives, and technical staff from six companies across the Food & Beverages, Basic Metal, Textile, and Leather sectors. The aim was to evaluate operational efficiency, identify areas for optimization, and propose sustainable solutions aligned with project objectives. • This assessment revealed opportunities for improving resource use, reducing waste, and enhancing energy efficiency. • Training sessions were conducted for 46 participants, including 15 university
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				<p>representatives and 8 members from PMU/ECREEE/MAN/NC</p> <p>(Refer to Annex 10 & Annex 11).</p>
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Outcome 3.2: Through a limited financial investment assistance package for participating EnMS, ESO & RECP pilot companies the uptake of the ESO and RECP implementation and associated investment is increased under the Project.

<p>Output 3.2.1. Limited Pilot enterprise financing in the form of loans and loan guarantees for post-enterprise ESO/RECP Project implementation equipment cost</p>	<ul style="list-style-type: none"> Financial package available to finance companies that made ESO/RECP equipment purchases for implementation purposes Investment committee meetings 	<p>Companies, particularly SMEs, face difficulties raising funds for investments in equipment for IEE or RECP</p>	<p>Equipment financed includes: For EnMS: metering/sub-metering sets and the accompanying monitoring software (approx. US\$ 10,000 per set for a medium to large plant) For ESO: individual ESO projects within the pool of pilot plants (enterprises typically engage multiple ESO projects over time either as part of an EnMS or as multiple stand-alone projects). For RECP: Depending on the industrial sub-sector, the Project will plan and support modular water efficiency systems, pilot waste water treatment/recycling systems in high usage industries (food/beverage processing, steel, pulp and paper and or chemical) and industrial solid waste management systems.</p>	<ul style="list-style-type: none"> Two investment committee meetings were held on December 12, 2023, and May 24, 2024 to make important decisions regarding the disbursement of loans, and to ensure the effective promotion of the funding package. <p>{See Annex 12 & Annex 13}</p>
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Component 4 - Enhanced Investment in industrial Energy Efficiency Improvement and Cleaner Production within Relevant Sub-Sectors of the Nigerian Industry.

Outcome 4.1: manufacturers' increased access to finance mechanisms (commercial and Government) needed for the financing of energy efficiency projects and cleaner production, resource efficient projects to realize the cost saving benefits of EnMS/ESO and RECP.

Output 4.1.1. Targeted capacity building programme for 70 key enterprises within Nigeria's industrial sub-sectors to strengthen their IE, EnMS/ESO & RECP Business Proposal Development Capacity	Capacity building programme for IEE EnMS/ESO and RECP business proposal development conducted	No publicly available evidence for such programme exists in Nigeria	70 enterprises have completed the capacity building programme (sex-disaggregated)	<ul style="list-style-type: none"> Two workshops were organized to train stakeholders from top financial institutions and industries on writing bankable proposals. A total of 57 males and 21 females attended the workshops. Training materials was prepared by the international consultants to improve the knowledge of industrial stakeholders on how to write bankable proposals <p>{See Annex 14}</p>
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Output 4.1.2: Targeted technical IEE EnMS/ESO and RECP support to suitable FIs/IFIs and Government financing mechanisms to enhance understanding of the methodologies and therefore access to funding mechanisms, incentives and financial packages/credit streams for industrial enterprises implementing EnMS/ESO and RECP measures.	Trainings provided on financing of equipment purchases for energy efficiency and resource efficiency to FIs/IFIs and Government (responsible for financial mechanisms).	Limited knowledge of FI/IFIs on IEE project investment financing Government IEE incentives not operating to full potential	8 training workshops conducted on financial schemes to enhance awareness of financial staff of at least 3 local FIs and 2 IFIs 70% males; 30% female	No progress to report in FY24
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Component 5: Industrial and commercial EnMS, ESO and RECP awareness, promotion, service demand generation and sharing of lessons learned.

Outcome 5.1: Enterprise management (across the entire Nigerian industrial sector and selected commercial sectors) is aware of the potential financial, economic and environmental benefits that adopting EnMS, ESO and RECP can yield.

Output 5.1.1: EnMS/ESO and RECP Publicity events/workshops/	Publicity events staged on EnMS/ESO and RECP in	No such events focusing on	<ul style="list-style-type: none"> 7 trade show events 4 workshops 	<ul style="list-style-type: none"> Pictures of assessments, media releases(links), editorials in
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<p>press briefings in collaboration with designated Government entities, NGOs and key actors within the industrial sector</p>	<p>collaboration with Government, NGOs and the Industrial sector.</p>	<p>EnMS/ESO and RECP have been previously staged.</p>	<ul style="list-style-type: none"> • 3 corporate briefings • 60% male; 40% female 	<p>publications etc., are well documented</p> <p>{Annex 15}</p>
	<p>Organize CEOs of Public-Private Sector policy dialogue session for industrialists and stakeholders for sensitization, policy update, project implementation status and feedback phase II</p>	<p>No such events focusing on EnMS/ESO and RECP have been previously organised</p>	<p>CEOs and Heads of Government Ministries and Agencies</p>	<ul style="list-style-type: none"> • CEOs Public-Private dialogue session was held on May 8, 2024. A total of 42 persons were in attendance 17% female and 83% male, comprising of CEOs from manufacturing sector, DGs of organised private sector and heads of Government ministries and agencies. Key highlights were the sensitization of stakeholders, policy update, project implementation status and testimonies of companies that have implemented the lessons learnt from past trainings/workshops in the project. <p>{See report in Annex 16}</p>
<p>Output 5.1.2: Industrial, commercial and environmental benefits of implementing the EnMS, ESO and RECP methodologies highlighted and effectively propagated - including case studies of selected demonstration plants.</p>	<p>Case studies, industry papers and articles published.</p>	<p>No such promotion focused on EnMS/ESO and RECP have been previously staged.</p>	<ul style="list-style-type: none"> • 7 case studies • 1 journal article • 3 publications in trade magazines • 1 editorial in national newspapers 	<p>NA</p>
<p>Output 5.1.3 Enterprise Recognition Programme / Competition for</p>	<p>National enterprise competition conducted recognizing early adopters and best</p>	<p>No previous industry recognition programme exists in Nigeria.</p>	<p>1 annual event (sex-disaggregated)</p>	<p>NA</p>

Innovative RECP applications	performers of innovative approaches reducing GHG and environmental footprints as part of RECP			
COMPONENT 6: PROJECT MONITORING AND EVALUATION (M&E)				
Outcome 6.1: The GEF Project is fully monitored and evaluated under periodic implementation assessment of impact.				
Output 6.1.1: The Project and its activities are monitored and evaluated on a periodic basis in line with GEF, UNIDO and Government requirements	Monitoring, reporting and evaluation established and implemented for each activity based on monitoring and reporting requirement	Project monitoring, reporting and evaluation mechanisms not in place	PIR reports conducted as planned • 1 Mid-term evaluation • 1 Terminal evaluation	Mid-term evaluation conducted
Outcome 6.2: Project achieves objectives on time through effective monitoring and evaluation of Project outputs with, corrective actions taken, and experience documented after a thorough independent evaluation exercise				
Output 6.2.1: Periodic monitoring and evaluation of project implementation completed. Best practices, information on the Project and key indicators of progress prepared and distributed to the key stakeholders	Reports on the best practices, information on the Project and key indicators of progress prepared and distributed to the key stakeholders and agencies	No project reports available	5 Annual reports, • 1 Mid-term evaluation • 1 Terminal evaluation	<ul style="list-style-type: none"> Project Steering Committee Meetings was held on February 26-27, 2024 <p>{See Annex 17}</p> <ul style="list-style-type: none"> PMU and UNIDO engage in bi-weekly coordination meetings

III. Project Risk Management

1. Please indicate the overall project-level risks and the related risk management measures: (i) as identified in the CEO Endorsement document, and (ii) progress to-date. Please expand the table as needed.

Describe in tabular form the risks observed and priority mitigation activities undertaken during the reporting period in line with the project document. Note that risks, risk level and mitigations measures should be consistent with the ones identified in the CEO Endorsement/Approval document. Please also consider the project's ability to adopt the adaptive management approach in remediating any of the risks that had been sub-optimally rated (H, S) in the previous reporting cycle.

	(i) Risks at CEO stage	(i) Risk level FY 23	(i) Risk level FY 24	(i) Mitigation measures	(ii) Progress to-date	New defined risk⁴
1	Change of national priorities regarding regulations and policies that should promote EnMS/ESO & RECP and their introduction.	Low	Low	The implementation of NIRP, NREEP and Intended Nationally Determined Contributions (INDC) through the respective ministries, departments and agencies is an uncontroversial issue and it is not expected that any new government will change this policy. These three national priorities provide a more valid reason for the development and implementation of this project as it will on the one hand strengthen the government's capacities to having effective regulatory and monitoring mechanisms and on the other hand, assist key stakeholders in the manufacturing sectors to improve their productivity, achieve their energy efficiency targets, reduce waste of scarce input resources (water, material) and ultimately reduce environmental waste and carbon emissions.	During the reporting period, there were no changes on the national priorities regarding regulations and policies for EnMS/ESO and RECP. As per the project document, the FMEnv and ECN are main partners and executing entities, ensuring the support of the government for the project.	<input type="checkbox"/>
2	Lack of coordination between key Ministries, industries and other stakeholders. Slow response by key actors may hinder the process.	Medium	Medium	Since the issues dealt with by the project touch on the remit of several ministries and the project has a diverse group of key stakeholders, good coordination will be key to project success. The National Steering Committee will establish and agree the roles and	As per the project document, the PMU is established in MAN and manage the project and coordinate the work of ECN and FMEnv. The partners jointly developed a work plan with the tasks of each partner clearly defined. The	<input type="checkbox"/>

⁴ New risk added in reporting period. Check only if applicable.

				responsibility of key stakeholders and will consult with the Project Management Unit (PMU) to ensure transparent and open communications are held with key stakeholders to ensure their involvement and ownership of the Project.	work plan was presented to the PSC who approved it together with the coordination modality of the project. The PSC will approve the work plan for every year.	
3	Associated with upgrading and improving cleaner production and material inventory, waste reduction and new technological innovations.	Medium	Medium	As proposed in Component 4.0, this Project aims to ensure that the country's industrial sector and subsectors have increased their managerial and financial capacities and are able to design bankable business proposals to get loans from financial institutions. To mitigate the linked risk, this project will identify industrial/commercial banks in the country with a view to explain the IEE concept, identify and highlight business and investment opportunities to the banks and how they can finance the introduction and adaptation energy efficient technologies with good returns on their investment over a period of time.	The partners have considered training and capacity building for personal of banks so that they understand projects, in particular to the personal of Bol where the financial packages will be installed. In addition, companies participating in the capacity building and technical assistance will receive training on how to make their projects bankable.	<input type="checkbox"/>
4	Associated with energy efficient technologies not being affordable or adaptable by small and medium scale industries.	Low	Low	EnMS and ESO are energy performance improvement methodologies which do not rely on component replacement. They rely on improved management practices (EnMS) and holistic, system wide optimization measures (ESO). This	Activities associated with this risk were not carried out during the reporting period. However, in the company selection process, it will be considered to prioritize companies with potential of improved	<input type="checkbox"/>

				results in the vast majority of energy performance improvement measures implemented in the first two years of implementation being extremely cost effective, some having no implementation costs.	management practices.	
5	Willingness of manufacturing companies to accept introduction of IEE and RECP methodologies and allow their sites to be used as a demonstration.	Medium	Medium	Workshops and meetings conducted during the PPG phase showed great interest of Nigerian manufacturing companies in improving their energy and resource efficiency. In addition, some of the industrial sector will be sensitised to EnMS and ESO due to GIZ's roll out of the NESP. The Project will cooperate with GIZ to be advocates for the process to other enterprises through their networks. For enterprises with low awareness of EnMS, ESO and RECP, the Project will highlight and emphasise the benefits of enterprise participation and acceptance of the introduction RECP and EnMS/ESO to their plant operators and technicians. At the same time the Project will use their industries as demonstration sites for the implementation of the proposed methodologies and showcase the transition towards higher environmental performance and savings. These benefits would be captured through case studies with the	Activities associated with this risk had begun during the reporting period. However, after the training several of the participants refused to give access to their premises and information. However, efforts are being made to ensure confidence and a level of confidentiality for the participating industries	<input type="checkbox"/>

				plant operators and technicians. This risk mitigation strategy would see these enterprises also become advocates of the Project.		
6	Lack of sustainable and uninterruptable power supply delays interest in investment of new technology and management systems	Medium	Medium	Nigeria's current energy and power baseline shows an inability to supply a stable amount of electricity and therefore, reliance on diesel generators is mainstream for industry and manufacturing sectors dependant on energy supply for production and efficiency. This is, in fact, one of the reasons for the high degree of interest in improved energy efficiency among Nigerian enterprises. The Project's benefits of securing energy and monetary savings will be promoted effectively through government and industry networks. The demonstration enterprises will be showcased as examples of smart investment in technology and management systems that reduce energy intensity and hence the volumes of diesel required for on-site generation.	Activities associated with this risk were not carried out during the reporting period. However, several awareness-raising activities on sustainable and uninterruptable power supply are considered at national level. In addition, in the company selection process, companies will be informed of the potential to become advocates of the project through case studies and assess their interest.	<input type="checkbox"/>
7	Increased GHG emissions as a result of RECP measures that do not take into account the effect on GHG emissions	Low	Low	Based on discussions with the Nigerian Government and relevant experts, climate change does not yet present significant risks to Nigerian industrial production levels within the time period of the project, with very slight to industrial water access in the	Activities associated with this risk were not carried out during the reporting period. However, RECP measures with low GHG emissions will be prioritised over the ones with higher impact.	<input type="checkbox"/>

				more Northern areas of the country.		
8	<p>1. Resistance against, or lack of interest in the project activities from stakeholders, with regard to the active promotion of gender equality.</p> <p>2. Low participation rates of suitable female candidates due to lack of interest, inadequate project activity, low numbers of qualified women and/or barriers preventing capacity building attendance (e.g. primary carer)</p>	Low	Low	<p>The Gender Analysis in Annex P demonstrates poor gender equality in the Nigerian government and industry, particularly at management, executive and board levels of seniority and decision-making. This project will deliver gender responsive communication and ensure gender equality and women's empowerment is promoted and encouraged. Gender related risks are mitigated by creating a Project culture of mutual acceptance and respect and leveraging the potential contribution of the Project to improve gender equality in the industrial and manufacturing sector as it relates to EnMS/ESO and RECP. As gender concerns have been mainstreamed throughout the project design, this will help mitigate potential risks. In capacity building sessions with Government, Industry and Technician Trainers, women will be encouraged to actively participate and where necessary, quotas can be implemented to ensure the participation of women and equal opportunities.</p>	<p>As per the project document, the project will deliver gender responsive communication and ensure gender equality and women's empowerment. During the reporting period, gender component is considered in the development of activities; for example, call for experts encourage the application of women.</p>	<input type="checkbox"/>
9	Insurgency risk presented by armed groups in	Medium	Medium	Selectively choosing only hardened industrial enterprise facilities when	During the reporting period, there were no activities carried out associated to	<input type="checkbox"/>

	Northern Nigeria			working with private sector partner based in Kano and further north. When providing project training, relocate Northern Nigerian candidates further south for the duration of the training.	this risk. The proper measures will be taken when carrying them out.	
10	Complaints by local community members living nearby the demonstration sites regarding Project-related changes to traffic or noise. 2. Complaints by local businesses living nearby the demonstration sites regarding Project-related changes to traffic or noise.	Low	Low	Community members and businesses living nearby the 70 selected enterprises for demonstration pilots are consulted about the Project and any possible impacts, such as increased visitors, traffic or noise on-site. Such impacts are expected to be minimal and short term. The consultation will also include information on the benefit of the Project such as the possibility of cleaner air and water discharges, as well as increased energy efficiency impacting the grid and 'freeing up' electricity for other users.	Activities associated with this risk were not carried out during the reporting period. However, in case there are some disturbances that can affect the local communities, they will be informed with time and all measures will be considered to minimize any disturbance.	<input type="checkbox"/>

2. If the project received a **sub-optimal risk rating (H, S)** in the previous reporting period, please state the **actions taken** since then to mitigate the relevant risks and improve the related risk rating. Please also elaborate on reasons that may have impeded any of the sub-optimal risk ratings from improving in the current reporting cycle; please indicate actions planned for the next reporting cycle to remediate this.

No progress to report in FY24

3. Please clarify if the project is facing delays and is expected to request an **extension**.

The project has faced significant delays, which were largely unanticipated and complicated by the aftermath effects of the COVID-19 pandemic. The pandemic led to a reduction in operations, restrictions, and closures across many industries. Additional challenges that contributed to the delays include:

- Delay in the start of the project.
- Prolonged delay in recruiting international consultants by ECREEE.
- Unprofessional exit of ITP Energized international consultants.
- Delay in recruiting another international consultant after ITP Energized.

- Inability of ECREEE to procure vital equipment for Cleaner Production Assessment (CPA).

These issues significantly affected the delivery of tasks and the achievement of set timelines as outlined in the approved work plan.

It became evident that the original timeline would not be sufficient to achieve the desired outcomes without compromising the quality of the work. To ensure the successful delivery of the project, the National Project Steering Committee decided to request and approve a 20-month extension, as also recommended by the mid-term evaluation. This extension was aimed at:

- Addressing the encountered challenges.
- Making necessary adjustments.
- Upscaling publication and communication of project activities.
- Encouraging the commencement of funds disbursement by BOI.
- Facilitating the procurement of relevant equipment.
- Ensuring the completion of tasks tied to the availability of equipment and the services of international consultants.

These measures were intended to improve the quality of deliverables, deepen interactions with project beneficiaries, and guarantee the successful completion of the project.

Updated Status: Since March 2024 after the 4th PSC meeting, which took place on 26-27 February, significant progress has been made. No further extensions are foreseen. The project is on track to meet its revised objectives and timelines, ensuring that all tasks will be completed as planned without compromising the quality of the work.

4. Please provide the **main findings and recommendations of completed MTR**, and elaborate on any actions taken towards the recommendations included in the report.

- It is recommended to initiate a targeted enterprise communication, marketing and engagement strategy – the project planned activities for 2024 and 2025 includes branding for the project including a website.
- One additional support to policy makers and FIs to enact recommendations and relevant legislation and establish credit lines is required or could be included in training – Additional trainings are included in year 2024 and 2025 activities.
- Minor amendments to the project results framework are needed to ensure the indicators are aligned with the targets and that a few additional indicators are added to support project monitoring and management – This is ongoing to be reported in the next report for 2024 and 2025.
- Closer engagement in the execution support from UNIDO is required, but the separation of execution and implementation does not foresee an engagement of UNIDO beyond the monitoring and evaluation activities. Further, good communication and transparency is needed throughout project implementation to make it work. – UNIDO and the PMU have bi-weekly meetings to monitor the progress and provide support to the PMU in executing the tasks.

IV. Environmental and Social Safeguards (ESS)

1. As part of the requirements for **projects from GEF-6 onwards**, and based on the screening as per the UNIDO Environmental and Social Safeguards Policies and Procedures (ESSPP), which category is the project?

- Category A project
- Category B project

Category C project

(By selecting Category C, I confirm that the E&S risks of the project have not escalated to Category A or B).

	E&S risk	Mitigation measures undertaken during the reporting period	Monitoring methods and procedures used in the reporting period
(i) Risks identified in ESMP at time of CEO Endorsement	Social risks associated with workers health in the handling and sorting industrial wastes (solid and chemical).	General workers including engineers, technicians, and other categories will be trained on the basic and advanced courses on RECP Methodology which aim to fostering safe and responsible production of goods and services at the levels of piloting companies.	During the reporting period, activities associated with this risk have not been undertaken.
	Noise resulting from replacement/modification/upgrading of manufacturing machinery or equipment.	Noise cancelling headgears for Engineers and Technicians working within/around manufacturing zones as part of the RECP health and safety procedures. For communities and residents living within one km radius from industries, the application of noise suppression methods and appliances according to statutory provisions of noise pollution in Nigeria.	During the reporting period, activities associated with this risk have not been undertaken.
	Companies' lack of knowledge on the volume of fresh water used production and the constituents of their industrial wastewater (effluents) discharged discreetly and indiscriminately.	Offering targeted companies specialized training courses on Environmental Management Systems (EMS) according to ISO Standards (ISO 14001)	Coordination and follow-up meetings held with the respective executing agencies (ECREEE, MAN and FMEnv). Reported and discussed during the PSC meetings.
	Risk associated with manufacturing companies having no known (internal) standards and or mechanisms in place that will assist to knowing the estimated GHG emissions along value chains of their products/services.	Offering targeted companies specialized training courses on Environmental Management Systems (EMS) and Energy Management System (EnMS)	In addition, 12 training sessions were conducted, involving 34 companies and 333 participants, which included industry members, financial policymakers, and regulators.
	Risks associated with increased industrial waste/sludge as a result of improved modes of operations by companies who albeit have limited treatment facilities due to lack of finance to invest on corresponding waste management (RECP) projects.	Continuous monitoring and improvement of waste management procedures and technology to ensure that increased production outputs do not outpace onsite waste treatment facilities.	During the reporting period, activities associated with this risk have not been undertaken.

(ii) New risks identified during project implementation (if not applicable, please insert 'NA' in each box)	No progress to report in FY24	No progress to report in FY24	No progress to report in FY24
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V. Stakeholder Engagement

1. Using the previous reporting period as a basis, please provide information on **progress, challenges and outcomes** regarding engagement of stakeholders in the project (based on the Stakeholder Engagement Plan or equivalent document submitted at CEO Endorsement/Approval).

During FY24, significant progress was achieved in various aspects which includes:

- International consultants facilitated training and workshops on finance and investment.
- A capacity-building program, led by the working group, focused on enhancing skills in policy and regulation formulation, monitoring, and enforcement for environmental and industrial regulators.
- Cleaner production assessments were successfully conducted in six companies.
- The IEE and RECP working group developed draft regulatory manuals aimed at guiding industrial relations among government agencies and ministries.
- A Project Steering Committee meeting was organized to approve the workplan and budget.
- CEOs Public-Private dialogue session was held. CEOs from manufacturing sector, organised private sector and Government Ministries and Agencies were in attendance.
- A meeting was organised with the leadership of the Nigerian University Commission (NUC) to facilitate their buy-in for the development of professional certification.

Despite these achievements, several challenges were encountered during the year, including delays in the approval of documents and contracts.

2. Please provide any feedback submitted by national counterparts, GEF OFP, co-financiers, and other partners/stakeholders of the project (e.g. private sector, CSOs, NGOs, etc.).

- The Project is on track;
- Project needs to include large firms and SMEs. PMU to consider developing relationships with other organized private sector organisations in Nigeria;
- Relationships between the partners are now better; and
- Dedicated communication, marketing and engagement strategy is required

3. Please provide any **relevant stakeholder consultation** documents.

- Public-private CEOs stakeholders forum - ANNEX 16
- Training workshop on Industrial Energy Efficiency Policy/Regulation formulation for Government Energy Policy makers and Regulators in Nigeria held on August 22, 2023 – ANNEX 18
- Finance and investment workshops reports – ANNEX 9
- Cleaner production assessments report – ANNEX 10 & 11
- Draft regulatory manual developed by the IEE & RECP working group - ANNEX 4 & 5
- Fourth Project Steering Committee Report - ANNEX 17
- Minutes of investment committee meetings - ANNEX 12 & 13
- Report of visit to National University commission – ANNEX 8

VI. Gender Mainstreaming

1. Using the previous reporting period as a basis, please report on the **progress achieved on implementing gender-responsive measures and using gender-sensitive indicators**, as documented at CEO Endorsement/Approval (in the project results framework, gender action plan or equivalent),

During the reporting period, gender considerations were integrated into various workshops, including:

- A one-day capacity building training workshop on Industrial Energy Efficiency Policy/Regulation formulation for Government Energy Policy makers and Regulators in Nigeria.
- Finance and investment training sessions.
- A one-day capacity building program aimed at enhancing skills in policy and regulation formulation, monitoring, and enforcement for environmental and industrial regulators.

These mentioned workshops recorded a participation of 34% females, underscoring the commitment to inclusivity and gender diversity in the project activities

VII. Knowledge Management and Communication

1. Using the previous reporting period as a basis, please elaborate on any **knowledge management and communication activities / products**, as documented at CEO Endorsement / Approval.

- <https://dailytrust.com/fg-seeks-stakeholders-collaboration-on-energy-stability/>
- <https://nigeriannewssphere.com/ecn-stakeholders-call-for-collaboration-on-energy-efficiency><https://nigeriannewssphere.com/ecn-stakeholders-call-for-collaboration-on-energy-efficiency-policy/policy/>
- <https://drive.google.com/drive/folders/1jUZ9sWIZ5eLSLvbeBe9IOQc7yNPtk-F?usp=sharing>
- <https://drive.google.com/drive/folders/1UwwRYQW-y4LtbK8hFWoVeOsuJLo6AvVk?usp=sharing>
- https://drive.google.com/drive/folders/17bEQVYfmvhKLe0spgWEIOY_36ChNw4MU?usp=sharing
- https://drive.google.com/drive/folders/1zfUu_OBNoiQlvpf4-FKIH7hPKnldnBCd
- <https://youtu.be/C-j3756ZRbA?si=OzZrydAT9wT2NGvt>
- <https://thenationonlineng.net/nigeria-loses-28b-to-unreliable-grid-operations-says-unido/>
- <https://guardian.ng/business-services/industry/energy-efficiency-as-tool-for-driving-real-sector-sustainable-growth/>
- <https://manufacturersnigeria.org/news-details/18>
- <https://thenationonlineng.net/manufacturers-need-energy-efficiency-cleaner-production/>

2. Please list any **relevant knowledge management and communication mechanisms / tools** that the project has generated.

No progress to report in FY24

VIII. Implementation progress

1. Using the previous reporting period as a basis, please provide information on **progress, challenges and outcomes achieved/observed** with regards to project implementation.

Project Progress and Challenges

The Project aims to accelerate the adoption of industrial energy efficiency (IEE) and to improve enterprise environmental performance under the wider umbrella of Resource Efficiency and Cleaner Production

(RECP) best practices and innovative approaches within selected small, medium and largescale industrial enterprises in Nigeria. In this light the Project Management Unit actively carried out necessary activities in the period under review in partnership with Manufacturers Association of Nigeria, Energy Commission of Nigeria, Federal Ministry of Environment, ECOWAS Centre for Renewable Energy and Energy Efficiency as well as other implementing agencies.

The Project Steering Committee (PSC), tasked with strategic objective of monitoring and evaluating the progress of the project, met as required within the first quarter of 2024 and comprehensively addressed emerging challenges, and offered strategies for their resolutions while approving the workplan and budget for future activities. The PSC judged the overall implementation progress as satisfactory while recognizing the need to avoid occasional administrative delays.

Challenges

The following are challenges faced:

- **Procurement Challenges for ECREEE:** ECREEE encountered difficulties in procuring necessary equipment for assessment, which affected timely execution of project activities.
- **Delays in Approval:** Document and contract approval processes experienced delays, impacting overall project timelines and deliverables.

Project Outcomes:

- **Project Execution:** Activities are steadily advancing towards achieving established objectives within the defined timeline, driven by coordinated efforts and strategic planning.
- **Project Steering Committee Meeting:** During the meeting, comprehensive reviews of project progress were conducted, approval of the workplan and budget for the next phase to guide strategic decisions and actions. The PSC also visited a Foundries Company to get reviews of lessons learnt from the training/workshops attended.
- **Cleaner Production Assessment:** First phase Assessments were conducted to enhance industrial practices and environmental performance.
- **Training and Capacity Building:** Series of trainings/workshops were conducted to effectively improve the knowledge on IEE and RECP for industrial stakeholders and government agencies. Enriched training materials were prepared by the international consultants.
- **Investment Committee Meetings:** The committee saddled with the responsibility of the loan management and decision-making processes also met as required. These meetings involved key stakeholders, financial experts, and investment advisors. Highlight of the outcome of the meetings include: approval of sensitization programme/road shows, eligibility criteria and requirements for disbursement of loan.

Continuous monitoring, evaluation, and timely adjustments are critical for achieving project objectives. Proactively addressing delays and capitalizing on stakeholder expertise are essential for ensuring successful outcomes.

2. Please briefly elaborate on any **minor amendments**⁵ to the approved project that may have been introduced during the implementation period or indicate as not applicable (NA).

Please tick each category for which a change has occurred and provide a description of the change in the related textbox. You may attach supporting documentation, as appropriate.

<input type="checkbox"/>	Results Framework	NA
<input type="checkbox"/>	Components and Cost	NA
<input checked="" type="checkbox"/>	Institutional and Implementation Arrangements	Executing entities reduced to three from four
<input type="checkbox"/>	Financial Management	NA

⁵ As described in Annex 9 of the *GEF Project and Program Cycle Policy Guidelines*, **minor amendments** are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5%.

<input checked="" type="checkbox"/>	Implementation Schedule	Project Steering Committee and MTR recommended two years extension
<input checked="" type="checkbox"/>	Executing Entity	ECREEE is no longer an executing agency. Their role is now passed to a National Executing Entity, MAN
<input type="checkbox"/>	Executing Entity Category	NA
<input type="checkbox"/>	Minor Project Objective Change	NA
<input type="checkbox"/>	Safeguards	NA
<input type="checkbox"/>	Risk Analysis	NA
<input type="checkbox"/>	Increase of GEF Project Financing Up to 5%	NA
<input type="checkbox"/>	Co-Financing	NA
<input type="checkbox"/>	Location of Project Activities	NA
<input type="checkbox"/>	Others	NA

3. Please provide progress related to the **financial implementation** of the project.

The main financial implementation progress took place in June 2024 when all three executing agencies received their contract for activities to be implemented in FY25. The total project expenditure as of 30th June is USD 3,868796.80

	Description	Released Budget Current Year (a)	Obligations Current Year (b)	Disbursements Current Year (c)	Expenditures Current Year (d=b+c)	Total Agreement Budget (e)	Released Budget (f)	Obligations + Disbursements (g)	Funds Available* (h=f-g)	Support Cost (i)	Total Expenditures (j=g+i)
2000003869											
160283-1-01-06	1.1 Policy&Regulation Knowledge Base	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
1500	Local Travel	94.65	(4.45)	0.00	(4.45)	6,500.00	6,500.00	6,400.90	99.10	0.00	6,400.90
2100	Contractual Services	190,924.31	161,090.00	30,000.00	191,090.00	369,400.00	369,400.00	369,565.69	(165.69)	0.00	369,565.69
5100	Other Direct Costs	73.20	0.00	0.00	0.00	100.00	100.00	26.80	73.20	0.00	26.80
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35,719.39	35,719.39
160283-1-01-06	Total	191,092.16	161,085.55	30,000.00	191,085.55	376,000.00	376,000.00	375,993.39	6.61	35,719.39	411,712.78
160283-1-01-07	1.2. International Standard Functionality	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	9,463.00	(20,600.00)	30,000.00	9,400.00	459,463.00	459,463.00	459,400.00	63.00	0.00	459,400.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,643.00	43,643.00
160283-1-01-07	Total	9,463.00	(20,600.00)	30,000.00	9,400.00	459,463.00	459,463.00	459,400.00	63.00	43,643.00	503,043.00
160283-1-03-01	2.1 EnMS/ESO & RECP Ind Training	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	43,800.00	43,600.00	0.00	43,600.00	595,800.00	595,800.00	595,600.00	200.00	0.00	595,600.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56,582.00	56,582.00

160283-1-03-01	Total	43,800.00	43,600.00	0.00	43,600.00	595,800.00	595,800.00	595,600.00	200.00	56,582.00	652,182.00
160283-1-03-02	2.2 Nat Exe. & Partner Cap. Building	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	66,200.00	(24,800.00)	90,000.00	65,200.00	954,200.00	954,200.00	953,200.00	1,000.00	0.00	953,200.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90,554.00	90,554.00
160283-1-03-02	Total	66,200.00	(24,800.00)	90,000.00	65,200.00	954,200.00	954,200.00	953,200.00	1,000.00	90,554.00	1,043,754.00
160283-1-04-01	3.1 EnMS/ESO/RECP Piloting & Demo	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	350,000.00	317,560.00	32,300.00	349,860.00	450,000.00	450,000.00	449,860.00	140.00	0.00	449,860.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42,736.70	42,736.70
160283-1-04-01	Total	350,000.00	317,560.00	32,300.00	349,860.00	450,000.00	450,000.00	449,860.00	140.00	42,736.70	492,596.70
160283-1-04-02	3.2 ESO-RECP Financial Mechanism (BoI)	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	17,693.34	(20,000.00)	37,700.00	17,700.00	282,500.00	282,500.00	282,506.66	(6.66)	0.00	282,506.66
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,838.13	26,838.13
160283-1-04-02	Total	17,693.34	(20,000.00)	37,700.00	17,700.00	282,500.00	282,500.00	282,506.66	(6.66)	26,838.13	309,344.79
160283-1-05-01	4.1 Industrial Enterprise Invest Capacity	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	171,000.00	170,000.00	0.00	170,000.00	171,000.00	171,000.00	170,000.00	1,000.00	0.00	170,000.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,150.00	16,150.00
160283-1-05-01	Total	171,000.00	170,000.00	0.00	170,000.00	171,000.00	171,000.00	170,000.00	1,000.00	16,150.00	186,150.00
160283-1-06-01	5.1 Ind Enterprise Awareness Programmes	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	380,470.00	380,240.00	0.00	380,240.00	380,470.00	380,470.00	380,240.00	230.00	0.00	380,240.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,122.80	36,122.80
160283-1-06-01	Total	380,470.00	380,240.00	0.00	380,240.00	380,470.00	380,470.00	380,240.00	230.00	36,122.80	416,362.80
160283-1-51-02	MAN Management Cost Functions	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	75,000.00	61,110.00	0.00	61,110.00	75,000.00	75,000.00	61,110.00	13,890.00	0.00	61,110.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,805.45	5,805.45
160283-1-51-02	Total	75,000.00	61,110.00	0.00	61,110.00	75,000.00	75,000.00	61,110.00	13,890.00	5,805.45	66,915.45

160283-1-51-03	FMEv Management Cost Functions	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	21,000.00	20,800.00	0.00	20,800.00	21,000.00	21,000.00	20,800.00	200.00	0.00	20,800.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,976.00	1,976.00
160283-1-51-03	Total	21,000.00	20,800.00	0.00	20,800.00	21,000.00	21,000.00	20,800.00	200.00	1,976.00	22,776.00
160283-1-51-04	ECN Management Cost Functions	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	22,500.00	22,200.00	0.00	22,200.00	22,500.00	22,500.00	22,200.00	300.00	0.00	22,200.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,109.00	2,109.00
160283-1-51-04	Total	22,500.00	22,200.00	0.00	22,200.00	22,500.00	22,500.00	22,200.00	300.00	2,109.00	24,309.00
160283-1-51-05	ECREEE Management Cost Functions	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
2100	Contractual Services	24,332.00	24,000.00	0.00	24,000.00	24,332.00	24,332.00	24,000.00	332.00	0.00	24,000.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,280.00	2,280.00
160283-1-51-05	Total	24,332.00	24,000.00	0.00	24,000.00	24,332.00	24,332.00	24,000.00	332.00	2,280.00	26,280.00
160283-1-53-02	6.1 UNIDO(IA) & Gov.Operations/Activities	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
1500	Local Travel	302.43	0.00	0.00	0.00	1,000.00	1,000.00	697.57	302.43	0.00	697.57
1700	Nat.Consult./Staff	14,079.47	0.00	0.00	0.00	24,000.00	24,000.00	9,920.53	14,079.47	0.00	9,920.53
2100	Contractual Services	0.00	14,400.00	0.00	14,400.00	0.00	0.00	14,400.00	(14,400.00)	0.00	14,400.00
5100	Other Direct Costs	137.92	0.00	0.00	0.00	500.00	500.00	362.08	137.92	0.00	362.08
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,411.10	2,411.10
160283-1-53-02	Total	14,519.82	14,400.00	0.00	14,400.00	25,500.00	25,500.00	25,380.18	119.82	2,411.10	27,791.28
160283-1-53-03	6.2 GEF MTR & FPE Operations	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
1100	Staff & Intern Consultants	81.62	0.00	0.00	0.00	14,000.00	14,000.00	13,918.38	81.62	0.00	13,918.38
1500	Local Travel	311.81	0.00	0.00	0.00	4,500.00	4,500.00	4,188.19	311.81	0.00	4,188.19
2100	Contractual Services	42,000.00	30,400.00	0.00	30,400.00	42,000.00	42,000.00	30,400.00	11,600.00	0.00	30,400.00
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,608.12	4,608.12
160283-1-53-03	Total	42,393.43	30,400.00	0.00	30,400.00	60,500.00	60,500.00	48,506.57	11,993.43	4,608.12	53,114.69
2000003869	Total	1,429,463.75	1,179,995.55	220,000.00	1,399,995.55	3,898,265.00	3,898,265.00	3,868,796.80	29,468.20	367,535.69	4,236,332.49

160283	USD Total	1,429,4 63.75	1,179,9 95.55	220,000.0 0	1,399,99 5.55	4,017,1 79.86	4,017,1 79.86	3,987,711 .66	29,468 .20	378,93 5.69	4,366,64 7.35
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* Does not include
Unapproved Obligations

IX. Work Plan and Budget

1. Please provide **an updated project work plan and budget** for the remaining duration of the project, as per last approved project extension. Please expand/modify the table as needed.

COMPONENT 1 STRENGTHENING OF NATIONAL INDUSTRIAL AND ENVIRONMENTAL POLICIES AND REGULATORY FRAMEWORKS FOR IEE AND ENVIRONMENTAL MANAGEMENT STANDARDS											
Outcomes	Planned Activities for year 2024 and 2025	Timeframe								Total budget	
		2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1	2025 Q2	2025 Q3	2025 Q4		
Outcome 1.1: Improved Government knowledge base for strengthened national policy & regulatory environments in regard to Industrial Energy Efficiency (IEE) and Resource Efficient and Cleaner Production (RECP).	Output 1.1.1: National industrial, energy and environmental policies and regulations reviewed with recommendation formulation										
	Activity 1.1.1.2. Final compendium of environment policies and regulation on RECP is developed				Dec-24						\$ 25,000.00
	Activity 1.1.1.4. Final compendium of policies and regulation on IEE is developed				Dec-24						\$ 25,000.00
	Activity 1.1.1.6. Validate the Recommendations on the analysis of industrial policies on Industrial Energy Efficiency (IEE)			Jul-24							\$ 6,000.00
	Activity 1.1.1.6. Validate the Recommendations on the analysis of industrial policies on Resource Efficiency Cleaner Production (RECP)			Jul-24							\$ 6,000.00
	Activity 1.1.2.4. Sensitization workshop for Industry stakeholders on the impact of ISO standards and production efficiency		Jun-24								\$ 4,000.00
	Activity 1.1.2.6. Review of the output of Mapping and data capture of energy, resource use and waste hotspots. **		Jun-24								\$ 6,000.00
	Sub-Total										\$ 72,000.00
	Output 1.1.2: Mapping of industrial energy usage and waste hotspot(s) carried out (with a database of industrial highly energy intensive, resource consuming and waste producing enterprises developed).										

Activity 1.1.2.4. Kick-off review meetings with industries that implemented the Industrial Energy Efficiency (IEE) assessment methodologies under year 1.			Jul-24						\$ 12,000.00
Activity 1.1.2.4. Kick-off review meetings with industries that implemented the RECP assessment methodologies under year 1.		Jun-24							\$ 12,000.00
Activity 1.1.2.5. Update of data in the database of industrial resource use and waste producing enterprises				Nov-24					\$ 5,000.00
Activity 1.1.2.5. Update of data in the database of energy intensive hotspots				Nov-24					\$ 5,000.00
Activity 1.1.2.6. Development of database of industrial highly intensive, resource consuming and waste producing enterprises phase I				Oct-24					\$ 5,000.00
Activity 1.1.2.6. Development of database of industrial energy consuming enterprises phase I				Oct-24					\$ 5,000.00
Activity 1.1.2.7 Mapping of resource consuming and waste producing enterprises developed with technology applications and presented to national stakeholders						Apr-25			\$ 28,000.00
Activity 1.1.2.7 Mapping of energy use enterprises in identified cities, developed with technology applications and presented to national stakeholders					Feb-25				\$ 28,000.00
Sub-Total									\$ 100,000.00
Output 1.1.3: Government capacity building programme initiated with a focus on promoting and strengthening capacity in policy/regulation formulation, performance monitoring, as well as enforcement mechanisms for energy and industrial regulations.									
Activity 1.1.3.1. Conduct Agency-Specific and customized Hands-On Training on Mainstreaming RECP in Sub-Sectoral Policy Documents		Apr-24							\$ 5,000.00
Activity 1.1.3.2. Organize sensitization workshop for policy and regulatory players on RECP						Apr-25			\$ 30,000.00
Activity 1.1.3.6. Conduct Agency-Specific and customized Hands-On		Apr-24							\$ 5,000.00

	Training on Mainstreaming IEE in Sub-Sectoral Policy Documents										
	Activity 1.1.3.7. Organize sensitization workshop for policy and regulatory players on IEE					Feb-25				\$ 30,000.00	
	Sub-Total									\$ 70,000.00	
Sub-Total Outcome 1.1										\$ 242,000.00	
	Output 1.2: International management standards' functionality improved through enhanced national ISO 50001 series & ISO 14000 series accreditation and certification capacity (PMU in close corporation with SON)										
Outcome 1.2: International management standards' functionality improved through enhanced national ISO 50001 series & 14000 series accreditation and certification capacity.	Activity 1.2.1.3. Prepare training materials and other relevant document for capacity building training for SON and selected local participants on energy and environmental performance standards		Apr-24							\$ 1,000.00	
	Activity 1.2.1.5 Finalize training materials on ISO50001 for Lead Auditors to widen the pool of experts		May-24							\$ 2,000.00	
	Activity 1.2.1.6 Complete training sessions and conduct sensitization for selected Lead Auditors on ISO50001			Aug-24						\$ 5,000.00	
	Activity 1.2.1.7 Finalize training materials on ISO14001 & 14004 for Lead Auditors		May-24							\$ 2,000.00	
	Activity 1.2.1.8 Complete training session and conduct sensitization workshop on ISO14001 & 14004 for Lead Auditors			Aug-24						\$ 10,000.00	
	Sub-Total Outcome 1.2										\$ 20,000.00
TOTAL COMPONENT 1										\$ 262,000.00	
COMPONENT 2: MODULAR IEE ENMS/ESO AND RECP INDUSTRIAL ENTERPRISE AND ENGINEERING CONSULTANCY BASE TRAINING AND CAPACITY BUILDING PROGRAMME											
Outcome 2.1: The capacity of the Nigerian industrial sector and the industrial consulting base is strengthened in regard to the EnMS/ESO and RECP methodologies within a sustainable framework that supports long-term competency development and the delivery of technical	Output 2.1.1: Modular IEE, ENMS and ESO Industrial Enterprise and Engineering Consultancy Base Training and Capacity Building Programme in accordance with UNIDO Standard										
	Activity 2.1.1.7. Engage International and National Consultants to finalize curriculum for professional qualification in IEE, EnMS and ESO in collaboration with the shortlisted universities		May-24								\$ 10,000.00
	Activity 2.1.1.8. Engage International and National Consultants to organize the training for the shortlisted candidates in the four zones listed in the				Nov-24						\$ 25,000.00

assistance on EnMS/ESO and RECP to industrial enterprises	Project document (4 trainings) phase II									
	Activity 2.1.1.9. Organize meetings with the leadership of Nigerian University Commission (NUC) to facilitate their buy-in for professional certification development		Apr-24						\$ 5,000.00	
	Activity 2.1.1.10. Establish a Joint Technical Committee and organize NUC-driven technical meetings for the development of curriculum for professional qualification and higher engineering educational level			Aug-24					\$ 5,000.00	
	Activity 2.1.1.11. Facilitate meetings and visits for validation, approval of curriculum and accreditation of courses				Nov-24				\$ 22,000.00	
	Activity 2.1.1.12. Finalize accreditation of IEE, EnMS and ESO at the shortlisted universities by NUC and relevant bodies					Jun-25			\$ 10,000.00	
	Activity 2.1.1.13. Engage International and National Consultants to organize the training for the shortlisted candidates in the four zones listed in the Project document (4 trainings) phase III					Apr-25			\$ 35,000.00	
	Sub-Total									\$ 112,000.00
	Output 2.1.2: Modular RECP Industrial Enterprise and Engineering Consultancy Base Training and Capacity Building Programme									
	Activity 2.1.2.1. Engage International and National Consultants to finalize curriculum for professional qualification in RECP in collaboration with the shortlisted universities		May-24							\$ 10,000.00
	Activity 2.1.2.2. Engage International and National Consultants to organize the training for the shortlisted candidates in the four zones listed in the Project document (4 trainings) phase II				Nov-24					\$ 25,000.00
	Activity 2.1.2.3. Organize meetings with the leadership of Nigerian University Commission (NUC) to facilitate their buy-in for professional certification development		Apr-24							\$ 5,000.00

Activity 2.1.2.4. Establish a Joint Technical Committee and organize NUC-driven technical meetings for the development of curriculum for professional qualification and higher engineering educational level			Aug-24						\$ 5,000.00
Activity 2.1.2.5 Facilitate meetings and visits for validation, approval of RECP curriculum and accreditation of courses				Nov-24	Feb-25				\$ 20,000.00
Activity 2.1.2.6 Finalize accreditation of RECP at the shortlisted universities by NUC and relevant bodies						Jun-25			\$ 10,000.00
Activity 2.1.2.7. Engage International and National Consultants to organize the training for the shortlisted candidates in the four zones listed in the Project document (4 trainings) phase III						Apr-25			\$ 35,000.00
Sub-Total									\$ 110,000.00
Output 2.2.1: Project Host internal programme on EnMs, ESO & RECP Capacity Building									
Activity 2.2.1.2 Engage International and National Consultants to train on IEE, EnMS, ESO and RECP Methodologies for the Project host and representatives of partner universities using train the trainer model to ensure project sustainability			Aug-24						\$ 15,000.00
Activity 2.2.1.3. Organize a study tour to a country with an existing National Cleaner Production structure, preferably centres	Mar-24	May-25							\$ 89,000.00
Sub-Total									\$ 104,000.00
Output 2.2.2: EnMS/ESO/RECP business planning and Corporate Strategy Training for National Project Host/Centre to ensure long term provision of EnMS, ESO & RECP training and technical services									
Activity 2.2.2.1. Engage International and National Consultants to conduct a study to determine the methodologies of interest to industrial stakeholders to guide the business planning and corporate strategy module		Jun-24							\$ 10,000.00
Activity 2.2.2.2: Engage International and National Consultants to			Aug-24						\$ 25,000.00

	conduct EnMS/ESO/RECP Business Planning and Corporate strategy training using the training modules already developed for the methodology(ies) of interest phase II									
	Activity 2.2.2.3.Organize EnMS/ESO/RECP Business Planning and Corporate strategy training for the Project Host, partner universities and selected stakeholders from the Manufacturing sector			Sep-24						\$ 15,000.00
	Activity 2.2.2.4. Engage international and national consultants to develop business strategy/plan for Nigeria's IEE, EnMS/ESO and RECP centre management developed		Apr-24							\$ 10,000.00
	Activity 2.2.2.4. Stakeholders validation workshop for business strategy/plan for Nigeria's IEE, EnMS/ESO and RECP centre					Apr-25				\$ 70,000.00
	Activity 2.2.2.5. Business strategy/plan endorsed by government**						Jul-25			\$ 50,000.00
	Sub-Total									\$ 180,000.00
TOTAL COMPONENT 2										\$ 506,000.00
COMPONENT 3: ENMS, ESO, AND RECP PILOTING AND DEMONSTRATION PROGRAMME.										
Outcome 3.1: Through targeted piloting and demonstration, national awareness on: (i) EnMS & ESO; (ii) improved productive use of natural resources and manufacturing inputs (water, chemicals & materials); and (iii) waste/emission minimization, in the Nigerian industrial sector is strengthened within the scope of regulatory compliance and increased competitiveness.	Output 3.1.1: EnMS, ESO and RECP Piloting and Demonstration Programme (Gender distribution to be duly considered)									
	Activity 3.1.1.1. Procure assessment equipments for IEE, EnMS/ESO and RECP			Jul-24						\$ 250,000.00
	Activity 3.1.1.2. Engage International and National Consultants to organize Workshop on Energy Management System and Resource Efficiency amongst Nigerian manufacturers			Sep-24						\$ 30,000.00
	Activity 3.1.1.3. Engage International and National Consultants to organize two technical workshop for industries on the development of IEE/RECP Business Plan				Oct-24					\$ 20,000.00
	Activity 3.1.1.4. Engage International and National Consultants to carry out technical assessments to				Oct-24					\$ 40,000.00

	companies identified and support identified companies in the development of IEE/RECP business plan (40 companies)										
	Activity 3.1.1.5. Engage International and National Consultants to carry out additional technical assessments to companies identified and support identified companies in the development of IEE/RECP business plan (30 companies)				Oct-24	Mar-25				\$ 100,000.00	
	Activity 3.1.1.6. Organize a national stakeholders workshop and present result of CPAs							Jul-25		\$ 50,000.00	
	Activity 3.1.1.7. Engage national consultants to develop monitoring mechanism for industries assessed and follow-up progress made by industries							Sep-25		\$ 45,000.00	
	Sub-Total									\$ 535,000.00	
	Output 3.2.1: Limited Pilot enterprise financing in the form of loans and loan guarantees for post enterprise ESO/RECP Project implementation equipment cost										
Outcome 3.2: Through a limited financial investment assistance package for participating ESO & RECP pilot companies the uptake of the ESO and RECP implementation and associated investment is increased under the Project	Activity 3.2.1.5. Organize Quarterly meetings of the Investment Committee to evaluate the implementation of the support facility	Mar-24		Jul-24	Nov-24	Feb-25				\$ 25,000.00	
	Activity 3.2.1.6. Bol capacity building and internal training organized		Apr-24							\$ 5,000.00	
	Activity 3.2.1.7. List of First set of EnMS/ESO and RECP loan beneficiaries compiled and loan allocated		Apr-24							\$ 1,000.00	
	Activity 3.2.1.8. List of Second set of EnMS/ESO and RECP loan beneficiaries compiled and loan allocated			Aug-24						\$ 1,000.00	
	Activity 3.2.1.9. List of Third and final set of EnMS/ESO and RECP loan beneficiaries compiled and loan allocated					Mar-25				\$ 5,000.00	
	Activity 3.2.1.10. Engage a Climate and Finance expert to develop a financial report on EnMS/ESO and RECP financing						Jun-25			\$ 20,000.00	
	Activity 3.2.1.11. Result of financing presented to national stakeholders and financial institutions							Aug-25		\$ 10,000.00	
	Sub-Total										\$ 67,000.00

TOTAL COMPONENT 3									\$ 602,000.00	
COMPONENT 4: ENHANCED INVESTMENT IN INDUSTRIAL ENERGY EFFICIENCY IMPROVEMENT AND CLEANER PRODUCTION WITHIN RELEVANT SUB-SECTORS OF THE NIGERIAN INDUSTRY.										
Outcome 4.1: Nigerian industrial, manufacturing sectors have increased access to finance mechanisms (commercial and Government) needed for the financing of energy efficiency projects and cleaner production, resource efficient projects to realize the cost saving benefits of EnMS/ESO and RECP.	Output 4.1.1: Targeted capacity building Programme for 70 key enterprises within Nigeria's industrial sub- sectors to strengthen their IEE, EnMS/ESO & RECP Business Proposal Development Capacity									
	Activity 4.1.1.3. Engage International and National Consultants to train industry stakeholders (70) on procedures for writing bankable proposal for IEE, EnMS/ESO & RECP Project Finance and Investment Training and Capacity Building Phase II									\$ 35,000.00
	Activity 4.1.1.4. Engage International and National Consultants to organize training for the shortlisted industrial enterprises across five project identified sectors									\$ 52,000.00
	Activity 4.1.1.5. Assess and submit report of the performance of the trained enterprises									\$ 50,000.00
	Sub-Total									\$ 137,000.00
TOTAL COMPONENT 4									\$ 137,000.00	
COMPONENT 5: INDUSTRIAL AND COMMERCIAL ENMS, ESO AND RECP AWARENESS, PROMOTION, SERVICE DEMAND GENERATION AND SHARING OF LESSONS LEARNED.										
Outcome 5.1: Enterprise management (across the entire Nigerian industrial sector and selected commercial sectors) is aware of the potential financial, economic and environmental benefits that adopting EnMS, ESO and RECP can yield.	Output 5.1.1: EnMS/ESO and RECP Publicity events/workshops/ press briefings in collaboration with designated Government entities, NGOs and key actors within the industrial sector									
	Activity 5.1.1.4 Organize Public-Private Sector policy dialogue session for industrialists and stakeholders for sensitization, policy update, project implementation status and feedback phase II									\$ 10,000.00
	Activity 5.1.1.5 Organize CEOs of Public-Private Sector policy dialogue session for industrialists and stakeholders for sensitization, policy update, project implementation status and feedback phase II									\$ 10,000.00
	Activity 5.1.1.6. Develop training materials that could expose media stakeholders to IEE, EnMS/ESO and RECP methodologies									\$ 5,000.00
	Activity 5.1.1.7. Organize second tier training for the media stakeholders									\$ 10,000.00

Activity 5.1.1.8. Deploy outcome of the 2nd phase to educate prospective industrialists at a special project-specific interactive session with the Organized Private Sector, non-governmental organizations, media and other key actors in Nigeria					Nov-24				\$ 3,000.00
Activity 5.1.1.9. Engage a communication company for the provision of services related to awareness raising and the development of communication materials for IEE RECP/ Project			Aug-24		Feb-25				\$ 55,000.00
Sub-Total									\$ 93,000.00
Output 5.1.2: Industrial, commercial and environmental benefits of implementing the EnMS/ESO & RECP methodologies highlighted and effectively propagated including case studies of selected demonstration plant									
Activity 5.1.2.1: Organize half a day workshop for media on IEE, EnMS, ESO RECP Methodologies and how to report benefits						May-25			\$ 30,000.00
Activity 5.1.2.3. Assess performance of the media stakeholders through reportage of the methodologies in line with leading practices			Sep-24				Sep-25		\$ 18,000.00
Activity 5.1.2.4. Engage a Communications expert or firm to engage the media through project-centric bi-annual press briefings (steering committee) and paid advertorials on project implementation status			Feb-24					Oct-25	\$ 25,000.00
Sub-Total									\$ 73,000.00
Output 5.1.3: Enterprise Recognition Programme /Competition for Innovative RECP Applications									
Activity 5.1.3.1. Review activities of firms that have adopted RECP and IEE methodologies and compile results obtained			Aug-24		Mar-25				\$ 30,000.00
Activity 5.1.3.2. Develop criteria for determining efficiency of RECP adoption				Oct-24					\$ 5,000.00
Activity 5.1.3.3. Set up competition and methodology assessment Committee				Oct-24		May-25			\$ 20,000.00
Activity 5.1.3.4. Competition organized						Apr-25			\$ 60,000.00

	and winners determined									
	Activity 5.1.3.5. Engage International and National Consultants to review activities of firms that have adopted RECP methodologies/ carry out cleaner production Assessment					Dec-24				\$ 10,000.00
	Activity 5.1.3.6. Competition publication is produced, published and distributed							Jul-25		\$ 30,000.00
	Sub-Total									\$ 155,000.00
TOTAL COMPONENT 5										\$ 321,000.00
COMPONENT 6: PROJECT MONITORING AND EVALUATION (M&E)										
Outcome 6.1: The GEF Project is fully monitored and evaluated under periodic implementation assessment of impact.	Activity 6.1. Project's Periodic Implementation Progress Report	*	*	*	*	*	*	*	*	\$ 25,000.00
	Activity 6.2.1 Monitoring and Evaluation exercises conducted along with impact assessment	*	*	*	*	*	*	*	*	\$ 45,000.00
	Sub-Total									\$ 70,000.00
Outcome 6.2: Effectiveness of the Project outputs are well monitored, corrective actions taken and experience documented after thorough evaluation exercise.	Coordinate with UNIDO, ECN, FME _{env} , SON, Bol, PSC and other project stakeholders and partners to ensure successful execution of the project activities		*	*	*	*	*	*	*	\$ 17,000.00
	Prepare project work plan for the entire project	Feb-24								\$ 4,000.00
	<i>International/National Experts and Project Coordination</i>	*	*	*	*	*	*	*	*	\$ 11,000.00
	Sub-Total									\$ 32,000.00
TOTAL COMPONENT 6										\$ 102,000.00
Project Management Costs (PMC)										
TOTAL PMC										\$ 276,000.00
Grand Total budget for 2024 and 2025										\$ 2,206,000.00

** All the project fund reflected in the work plan have been already obligated under signed agreements with the executing partners; hence, it's already considered expenditure and not available budget.

X. Synergies

1. Synergies achieved:

No synergies with other projects achieved during the reporting period. However, conversations with GIZ are ongoing to find synergies within their Nigerian Energy Support Programme.

3. Stories to be shared (Optional)

The project PMU team attended the African Energy Indaba in South Africa jointly with the National Cleaner Production Centre South Africa (NCPC-SA) hosted a high-level event in Cape Town to highlight high impact initiatives of the IEE and RECP projects in South Africa and Nigeria.

XI. GEO LOCATION INFORMATION

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate.

Web mapping applications such as [OpenStreetMap](#) or [GeoNames](#) use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com>

Please see the Geocoding User Guide by clicking [here](#)

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate.

Location Name	Latitude	Longitude	Geo Name ID	Location and Activity Description
Nigeria - Abuja	9.0579	7.4951	2352778	The location where training has been conducted or attended trainings.
Nigeria - Ogun	7.0000	3.5833	2327546	The location where training has been conducted or attended trainings.
Nigeria - Lagos	6.4541	3.3947	2332459	The location where training has been conducted or attended trainings.
Nigeria - Oyo	7.8537	3.9324	2325200	The location where training has been conducted or attended trainings.
Nigeria - Warri	5.5174	5.7501	2319133	The location where training has been conducted or attended trainings.
Nigeria - Sapele	5.8941	5.6767	2323675	The location where training has been conducted or attended trainings.
Nigeria - Benin	6.3382	5.6258	2347283	The location where training has been conducted or attended trainings.
Nigeria - Port Harcourt	4.7774	7.0134	2324774	The location where training has been conducted or attended trainings.
Nigeria - Onitsha	6.1498	6.7857	2326016	The location where training has been conducted or attended trainings.
Nigeria - Aba	5.1066	7.3667	2353151	The location where training has been conducted or attended trainings.
Nigeria - Enugu	6.5000	7.5000	2565344	The location where training has been conducted or attended trainings.
Nigeria - Kaduna	10.3333	7.7500	2335722	The location where training has been conducted or attended trainings.
Nigeria - Kano	12.0001	8.5167	2335204	The location where training has been conducted or attended trainings.

EXPLANATORY NOTE

1. **Timing & duration:** Each report covers a twelve-month period, i.e. 1 July 2023 – 30 June 2024.
2. **Responsibility:** The responsibility for preparing the report lies with the project manager in consultation with the Division Chief and Director.
3. **Evaluation:** For the report to be used effectively as a tool for annual self-evaluation, project counterparts need to be fully involved. The (main) counterpart can provide any additional information considered essential, including a simple rating of project progress.
4. **Results-based management:** The annual project/programme progress reports are required by the RBM programme component focal points to obtain information on outcomes observed.

Global Environmental Objectives (GEOs) / Development Objectives (DOs) ratings	
Highly Satisfactory (HS)	Project is expected to achieve or exceed <u>all</u> its major global environmental objectives, and yield substantial global environmental benefits, without major shortcomings. The project can be presented as “good practice”.
Satisfactory (S)	Project is expected to <u>achieve most</u> of its <u>major</u> global environmental objectives, and yields satisfactory global environmental benefits, with only minor shortcomings.
Moderately Satisfactory (MS)	Project is expected to <u>achieve most</u> of its major <u>relevant</u> objectives but with either significant shortcomings or modes overall relevance. Project is expected not to achieve some of its major global environmental objectives or yield some of the expected global environmental benefits.
Moderately Unsatisfactory (MU)	Project is expected to achieve <u>some</u> of its major global environmental objectives with major shortcomings or is expected to <u>achieve only some</u> of its major global environmental objectives.
Unsatisfactory (U)	Project is expected <u>not</u> to achieve <u>most</u> of its major global environmental objectives or to yield any satisfactory global environmental benefits.
Highly Unsatisfactory (HU)	The project has failed to achieve, and is not expected to achieve, <u>any</u> of its major global environmental objectives with no worthwhile benefits.
Implementation Progress (IP)	
Highly Satisfactory (HS)	Implementation of <u>all</u> components is in substantial compliance with the original/formally revised implementation plan for the project. The project can be presented as “good practice”.
Satisfactory (S)	Implementation of <u>most</u> components is in substantial compliance with the original/formally revised plan except for only few that are subject to remedial action.
Moderately Satisfactory (MS)	Implementation of <u>some</u> components is in substantial compliance with the original/formally revised plan with some components requiring remedial action.
Moderately Unsatisfactory (MU)	Implementation of <u>some</u> components is <u>not</u> in substantial compliance with the original/formally revised plan with most components requiring remedial action.
Unsatisfactory (U)	Implementation of <u>most</u> components in <u>not</u> in substantial compliance with the original/formally revised plan.
Highly Unsatisfactory (HU)	Implementation of <u>none</u> of the components is in substantial compliance with the original/formally revised plan.
Risk ratings	
Risk ratings will assess the overall risk of factors internal or external to the project which may affect implementation or prospects for achieving project objectives. Risk of projects should be rated on the following scale:	
High Risk (H)	There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks.
Substantial Risk (S)	There is a probability of between 51% and 75% that assumptions may fail to hold or materialize, and/or the project may face substantial risks.
Moderate Risk (M)	There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only moderate risk.
Low Risk (L)	There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only low risks.

