



NIGERIA ELECTRIFICATION PROJECT PHASE II – DESERT TO POWER (DTP)

Template of the ESMP mandatorily annexed to the Financing Agreement (FA)

General considerations

1. The Rural Electrification Agency (REA) of Nigeria is planning to implement the Nigeria Electrification Project Phase II (Desert to Power). The Bank has agreed to provide financing, implementation support and monitoring for the Project.
2. Rural Electrification Agency will implement measures and actions of this Environmental and Social Management Plan¹ (**ESMP**) so that the Project meets all the requirements of the Bank Environmental and Social Operational Safeguards (**OS**) and the National policy and legal requirements.
3. Where the ESMP refers to specific plans, whether they have already been prepared or are to be developed, the ESMP requires compliance with all mandatory provisions of such plans.
4. The table below summarizes the material measures and actions that are required, the basis of the requirement, the timing of the measure or action, and the criteria to be used for determining whether the required measure or action has been successfully achieved. REA is responsible for compliance with all requirements of the ESMP even when implementation of specific measures and actions is conducted by an entity different from the REA.
5. Implementation of the material measures and actions set out in this ESMP will be monitored and reported to the Bank by REA as required by the ESMP and the conditions of the legal agreement, and the Bank will monitor and assess progress and completion of the measures and actions throughout implementation of the Project.
6. As agreed by the Bank and REA, this ESMP may be revised from time to time during Project implementation, to reflect adaptive risk management of project changes and unforeseen circumstances or in response to assessment of project performance conducted under the ESMP itself. In such circumstances, REA will propose and agree changes with the Bank and then update the ESMP to reflect such changes.

¹ The ESMP refers to all the E&S risks/impacts and measures, as approved in all the disclosed E&S documents and agreed between the Bank and Borrower. For projects involving multiple subprojects, that are identified, prepared and implemented during the course of the project, the Borrower will need to demonstrate to the Bank, before the project appraisal, through the preparation of E&S documentation of a sample of subprojects, that it has the capacity to carry out appropriate environmental and social assessment of subprojects, and prepare and implement such subprojects in accordance with the national laws and the OSs. (*Section III.2.3 of Bank's ESP and section D of OSI*)

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
Periodic E&S implementation report to the Bank		Bank's ESP and OS1	Reports submitted quarterly, of good standard	Two weeks after the due period (end of a quarter).
1	Recruitment of E and S specialists as part of the Project implementation unit	OS1 and relevant OS2/OS4/OS7/OS10 requirements	Environmental Specialist (1) Social Specialist (1) Gender/SEAH Specialist (1) Climate Change and Green Growth Specialist (1) in the PIU	Preparation capacity available now; agreed implementation staffing in place by effectiveness and maintained throughout implementation.
2	Establishment of the Project Grievance Redress Mechanism (GRM) and disclosure to Public	OS1, OS10 and National requirements	Grievance Redress Mechanism for the NEP II (DtP) is in place. It was disclosed to the public as part of the SEP. Grievance logs, updates on GRM implementation periodic reports.	Before the commencement of civil works. Operate during preparation; establish local channels before site-level activities affect people.
3	Payment of compensation, resettlement and livelihood restoration of affected people	OS1, OS5, OS10 and applicable Nigerian requirements.	Documented screening; approved/disclosed instrument where required; adequate funding; entitlement and handover records; verification of pre-displacement obligations; livelihood monitoring and completion verification/audit as required; Project-specific Abbreviated Resettlement Action Plan (ARAP), if applicable. Project-specific Livelihood Restoration Plan (LRP) Compensation Summary Sheet	Screening before site approval; instruments before the relevant commitment/activity; pre-displacement entitlements before the triggers above; continuing restoration and monitoring on the agreed schedule

² Please add any relevant key actions and/or indicate "Not applicable" in the third column ("Basis for requirement") for actions that are not applicable to the project.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
			PAP Individual negotiation/consent form PAP Enumeration Form.	
4	Procurement requirements: Incorporation of site-specific E&S measures in the request for proposals, bidding documents, grant/developer agreements and EPC/O&M contracts.	OS1 & national requirements	Site-specific E&S measures/ clauses embedded in each document. Vendors screening & prequalification procedure with E&S criteria; Project specific E&S clauses in each RFP. Reviewed solicitation and signed contract clauses; responsibility, staffing, reporting, codes of conduct, OHS, waste management, corrective-action and stop-work provisions.	Prior to launching procurement for each project. Before issuing each relevant solicitation/agreement and through contract administration.
5	Review of Contractor ESMP (<i>C-ESMP</i>) by the Proponent	Bank's ESP and OS1	As necessary on Project-by-Project basis, prior to construction C-ESMP reviewed and cleared by proponent/ Bank clearance where required.	Prior to the Mobilization of contractor to site.
6	Establishment of the Contractor's Grievance Mechanism (GM) and information of workers	OS1, OS2, OS10 and Bank's Disclosure and Access to Information Policy	The outcome of the Grievance Mechanism (including the referral pathways identified, number of grievances received, resolved and outstanding, documented, accessible worker mechanism, induction records, confidentiality/non-retaliation protections, and anonymised statistics.)	Prior to the commencement of civil works for each project. Ongoing throughout construction and O&M phases.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
			reflected in the monthly E&S monitoring reports. Additional indicator include: • Project-specific HSES Plan • Grievance logs	
7	Obtaining nationally required licenses and permits prior to commencement of subjected activities (excavations, tree-cutting, working at height, working in confined spaces, etc.)	OS1, OS2 and national labor laws	Applicable general and project-specific regulatory licenses / permits (including EIA approvals) obtained at individual project level Permits to work authorization	Regulatory Authorizations - Prior to commencement of project construction, and regulated activities. Permits - Prior to commencement of tasks, operation and maintenance, all regulatory permits be made available.
8	Preparation, approval, and disclosure of specific E&S documents during Project implementation.	Bank's ESP, OS1 and national requirements	All required ESA instruments such as ESIA/RAP/LRP reviewed, cleared and disclosed by the Federal Ministry of Environment and the Bank. Robust TOR reflecting adequate E&S scope and requirements.	For Appraisal - Prior to commencement of Project Appraisal Mission. For Project commencement and implementation - Prior to construction and overall project implementation.
9	Engagement with concerned stakeholders of each relevant specific E&S activity	OS1, OS10, Bank's Disclosure and Access to Information Policy	Design REA SEP as part of Project appraisal; implementation reports for site-based SEP; consultation records and response to issues especially with host communities, school and health-facility management/users and disadvantaged groups; locally understandable	From Project preparation through implementation, with site engagement before impacts occur. Ongoing throughout the project implementation phase.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
			disclosure; evidence of updates when scope changes.	
10	Establishment of Emergency Preparedness and Response mechanism	OS1 & OS4, national legislation on contingencies	Establishment of Emergency Preparedness & Response (EPR) procedure. Site-specific response arrangements, fire/electrical emergency provisions, training and drill records. Inspection and Maintenance Records.	Prior to commencement of construction. Before relevant hazardous activities; operational arrangements verified before energization and maintained.
11	Notification to riparian or alert to downstream exposed peoples	Bank's ESP and OS1, applicable International Treaty/Convention ratified	Not Applicable	Not Applicable
12	Capacity building of key project implementers	OS1	Number of capacity building/ training held on Environmental and Social Safeguards. Number of project implementers trained. Records of capacity building sessions.	Initial training before relevant duties; refresher training at scheduled intervals and when risk changes.
13	Implementation of ESMS/ESAP ³	OS1 and national requirements	Adopted procedures, action tracker, resources and quarterly progress E&S compliance monitoring report submitted to the Bank. Evidence of ESAP implementation as agreed with the Bank in relation to the REA E&S Management system manual.	Relevant procedures operational before the activities they govern and maintained thereafter.

³ Applies to non-sovereign operations and public sector projects implemented by permanent autonomous Agencies/Institutions.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
13.1	<i>Approval of any required E&S management procedure</i>	Ditto	Approval/acceptance records and operational procedures. Executive Management sign-off on revised E&S Management Procedure.	Before relevant financing, procurement, site approval or work activity; subsequent changes controlled.
iN13.2	<i>Establishment of the E&S unit</i>	Ditto	An E&S Unit has already been established.	NA
13.3	<i>Capacity Building of the E&S Unit</i>	Ditto	Number of training/ capacity building conducted. Records of capacity building for E&S staff. Annual E&S Training Plan.	During project implementation.
13.4	<i>Processing the Value Chain E&S due diligence</i>	Ditto	Screening/due-diligence records, corrective actions and contract requirements before selection or procurement, with subsequent monitoring. Vendors screening & prequalification procedure incorporating E&S due diligence Vendors Due Diligence Reports. Monthly E&S progress report.	During project implementation.
14	Suspending works in the event of EOHS risk or incident, immediately notify the Bank, and resume works only upon no-objection of the Bank.	Bank's ESP	Immediate stoppage of affected unsafe work; prompt notification with the agreed time limit; incident register and interim measures; documented restart criteria and Bank no-objection where required.	Action immediately and reporting no later than 48 hours after the occurrence.
15	Prepare the root-cause analysis (RCA) of any fatal	Bank's ESP and OS1	Submission of Incident Investigation Report and	Once the incident investigation is completed.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
	EOHS incident and implement the Corrective Action Plan (CAP).		Root Cause Analysis (RCA) Report to the Bank; comprehensive, well-costed and implementable Corrective Action Plan established.	
16	Disclosure of Project's E&S reports to the public	OS1, OS10, Bank's Disclosure and Access to Information Policy	Project-specific ESIA/ESMP Reports Number of E&S reports disclosed. Instrument register with public links, locations, versions and dates; locally accessible formats; applicable Bank/national disclosure steps.	Prior to project appraisal mission. During project implementation.
17	Implement project Labour Management Procedures and risk-proportionate OHS requirements for all applicable worker categories	OS2 and OS1.	Adopted LMPs, contract requirements, induction/competence records, task risk assessments, site inspections and corrective actions.	Project procedures before relevant employment/procurement; contractor plans before works; task controls before hazardous work; throughout O&M.
18	Assess and manage SEA/SH risks with prevention, codes of conduct, training, confidential reporting and survivor-centred referral arrangements.	OS1, OS2, OS4, OS7 and OS10 as applicable.	Risk assessment and proportionate action measures; trained focal points; signed codes; verified referral/service pathways; anonymised monitoring.	Preparation and before deployment/site exposure; maintained throughout implementation and relevant operation.
19	Assess security risks and implement proportionate security arrangements	OS1 and OS4	Documented security assessment; approved arrangements/SMP where warranted; training, complaints and incident records; oversight evidence.	Before site access, mobilisation or security deployment; reassess as conditions change.

Material Actions² to Manage the Project's E&S Risks and Impacts		Basis for Requirement	Key Performance Indicator	Indicative Timing/Deadline
20	Manage batteries, damaged/end-of-life PV modules and project-generated electrical/hazardous waste, including storage, traceable collection, authorised treatment/disposal or take-back and end-of-life responsibilities.	OS1 and OS3; OS4 for community exposure.	Waste-management arrangements; applicable authorisations; inventories/manifests; take-back or disposal arrangements; funded operational/end-of-life responsibilities	Requirements before procurement; arrangements before waste generation; maintain through operation and end of life.
21	Solar OEM Supply Chain Due Diligence	OS1 and OS4	Completed and approved E&S due diligence reports for proposed solar OEMs and primary suppliers.	Prior to commencement of procurement of solar PV equipment and associated accessories and facilities.
22	Implement and verify operational E&S handover, including operator competence, safe operation, emergency response, complaints, maintenance and waste responsibilities.	OS1–OS4 and OS10 as applicable.	Accepted operational arrangements; trained responsible personnel; handover records; functioning monitoring and grievance channels.	Before energisation/operational handover and throughout the funded operational period.
23	Undertake independent E&S compliance audits as required by the Bank/ agreement and implement costed corrective actions.	OS1 and agreed financing/project requirements.	Independent audit reports, CAP and closure verification.	Agree the frequency and submission date with AfDB; budget and procure early enough to meet them.



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