

## Sustainable Fuelwood Management

### Annex J. Social and Environmental Screening Template

The completed template, which constitutes the Social and Environmental Screening Report, must be included as an annex to the Project Document. Please refer to the [Social and Environmental Screening Procedure](#) and [Toolkit](#) for guidance on how to answer the 6 questions.

#### Project Information

Project Information	
1. Project Title	Sustainable Fuelwood Management in Nigeria
2. Project Number	PIMS 5366
3. Location (Global/Region/Country)	Nigeria

#### Part A. Integrating Overarching Principles to Strengthen Social and Environmental Sustainability

<b>QUESTION 1: How Does the Project Integrate the Overarching Principles in order to Strengthen Social and Environmental Sustainability?</b>
<b>Briefly describe in the space below how the Project mainstreams the human-rights based approach</b>
The project is expected to enhance the availability, accessibility and quality of energy services for the base of pyramid (BOP) households, including potentially marginalized individuals and groups, and increase their inclusion in decision-making processes that may impact them. The project will also support the meaningful participation and inclusion of all stakeholders, in particular marginalized individuals and groups, in processes that may impact them. For example, a detailed market segmentation study will be carried out to ensure that the design of the proposed cook stove meets the needs of the target households. The project will also provide participatory technical and business training for end-users on clean energy technologies for the domestic sector.
<b>Briefly describe in the space below how the Project is likely to improve gender equality and women's empowerment</b>
The SFM project seeks to balance the efficient demand of fuelwood with sustainable supply as an inclusive value chain business model where the poor, women and youth will be empowered to participate as value chain actors. Training in business knowledge and technical skills will be provided. During implementation, vulnerable communities and groups, especially women, children, the elderly, and socially or economically disadvantaged groups will be consulted and their participation facilitated to ensure the inclusiveness of measures being planned and implemented.
<b>Briefly describe in the space below how the Project mainstreams environmental sustainability</b>
The project is aimed at promoting sustainable fuelwood management in Nigeria via a combination of upstream planning processes, such as national and state-level policy, institutional and financial framework for sustainable forestry and fuelwood management, as well as downstream activities in Cross River, Delta and Kaduna States focusing on

sustainable forestry management, promotion of improved cook stoves, and other sustainable energy solutions. The initiative is expected to generate multiple environmental and socio-economic benefits, including reduced GHG emissions from wood fuel consumption, enhanced carbon storage and sequestration, as well as improved rural livelihoods and opportunities for local development.

## Part B. Identifying and Managing Social and Environmental Risks

<b>QUESTION 2: What are the Potential Social and Environmental Risks?</b> <i>Note: Describe briefly potential social and environmental risks identified in Attachment 1 – Risk Screening Checklist (based on any “Yes” responses). If no risks have been identified in Attachment 1 then note “No Risks Identified” and skip to Question 4 and Select “Low Risk”. Questions 5 and 6 not required for Low Risk Projects.</i>	<b>QUESTION 3: What is the level of significance of the potential social and environmental risks?</b> <i>Note: Respond to Questions 4 and 5 below before proceeding to Question 6</i>			<b>QUESTION 6: What social and environmental assessment and management measures have been conducted and/or are required to address potential risks (for Risks with Moderate and High Significance)?</b>
<b>Risk Description</b>	<b>Impact and Probability (1-5)</b>	<b>Significance (Low, Moderate, High)</b>	<b>Comments</b>	<b>Description of assessment and management measures as reflected in the Project design. If ESIA or SESA is required note that the assessment should consider all potential impacts and risks.</b>
Risk 1: There will be limited social and/or cultural acceptance (this applies in particular to the improved cook stoves, as people will have to adjust their behavior, which is notoriously difficult to achieve). Although the project plans to address this directly, there might still be aspects of it that will be difficult to control.	I = 3 P = 3	<b>Moderate</b>		The project will emphasize the benefits of improved cook stoves and other alternatives and bring examples of communities/villages that have successfully adopted new technologies (Component 2). Further, via collaboration with the UN-REDD programme, the project will support the introduction of incentives for forest protection and other means of increasing its economic value, thus changing the cost-benefit ratio in favor of more advanced technologies.
Risk 2: Climate change is expected to change Nigeria’s biomass production, accelerate land degradation, and modify the hydrological system. However, this is a longer-term risk. If the effects of this will be experienced during project implementation, any potential operation of the project woodlots and	I = 4 P = 2	<b>Moderate</b>		While the project will promote and influence the application of low carbon solutions and access to modern energy that will alleviate the human pressure on forest resources, a sufficient buffer zone around woodlots will be established to ensure proper protection against major rainfall and/or floods.

biomass production can be affected.				
Risk 3: The project could lead to conversion or degradation of habitat as a result of forest management activities.	I = 3 P = 1	<b>Low</b>		In all project activities, care will be given to avoid converting or degrading natural habitats. The project will cooperate and consult closely with the UN-REDD project team, the state governments, Forest Management Committees and the communities to minimize any adverse environmental impacts.
Risk 4: Project activities are likely to take place near critical habitats and environmentally sensitive areas, including protected areas	I = 3 P = 3	<b>Moderate</b>		By engaging the local community and incentivizing them to protect fragile ecosystems and resources, community members will have a stake in protecting forest reserves. In addition, there is an ongoing GEF-funded initiative on Niger Delta conservation with interventions in Cross River and Delta States. This project will link up with the Niger Delta Biodiversity project, which is putting in place biodiversity mainstreaming practices and tools and working to support biodiversity conservation of critical ecosystems.
Risk 5: The project could lead to the introduction of invasive alien species	I = 2 P = 2	<b>Low</b>		Stringent efforts will be made to ensure that only suitable local indigenous species will be introduced for the woodlot tree planting programme. This will be achieved by working closely with local community, community based organizations and agricultural college who has been extensive knowledge and access to wide germplasm of suitable local fuelwood species. Exotic species with high water demand and high spreading potential will not be introduced.
Risk 6: The project involves sourcing firewood for charcoal in natural forests and reforestation and creating plantations.				Any fuelwood extracted from natural forests will be done in a sustainable manner, following international best practice in sustainable forest management. An SFM Expert will train community households and the SFM Management Committee on how to manage the forest sustainably, how and when to collect deadwood, fuelwood from coppicing, pruning and offcuts of greater than 2 cm. In addition, the fuelwood supply will be certified sustainable.
Risk 7: The project could lead to significant greenhouse gas emissions from fuelwood	I = 3 P = 1	<b>Low</b>		While the overall objective of the project is to reduce GHG emissions, it is possible that project activities

combustion and /or alternatives such as LPG				could lead to a certain level of GHG emissions. However, it is expected that the initiative will result in a net reduction of GHG emissions. The risk is limited in scale and can be handled through the application of standard best practice. The GHG impacts will be tracked and monitored by the annual PIR process and verified by the independent mid-term review and terminal evaluation.
	<b>QUESTION 4: What is the overall Project risk categorization?</b>			
	Select one (see <a href="#">SESP</a> for guidance)		Comments	
	Low Risk	<input type="checkbox"/>		
	Moderate Risk	<input checked="" type="checkbox"/>		
	High Risk	<input type="checkbox"/>		
	<b>QUESTION 5: Based on the identified risks and risk categorization, what requirements of the SES are relevant?</b>			
	Check all that apply		Comments	
	Principle 1: Human Rights	<input type="checkbox"/>		
	Principle 2: Gender Equality and Women's Empowerment	<input type="checkbox"/>		
	1. Biodiversity Conservation and Natural Resource Management	<input checked="" type="checkbox"/>		
	2. Climate Change Mitigation and Adaptation	<input checked="" type="checkbox"/>		
	3. Community Health, Safety and Working Conditions	<input type="checkbox"/>		
	4. Cultural Heritage	<input type="checkbox"/>		
	5. Displacement and Resettlement	<input type="checkbox"/>		
	6. Indigenous Peoples	<input type="checkbox"/>		
	7. Pollution Prevention and Resource Efficiency	<input type="checkbox"/>		

### Final Sign Off

Signature	Date	Description
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QA Assessor		UNDP staff member responsible for the Project, typically a UNDP Programme Officer. Final signature confirms they have “checked” to ensure that the SESP is adequately conducted.
QA Approver		UNDP senior manager, typically the UNDP Deputy Country Director (DCD), Country Director (CD), Deputy Resident Representative (DRR), or Resident Representative (RR). The QA Approver cannot also be the QA Assessor. Final signature confirms they have “cleared” the SESP prior to submittal to the PAC.
PAC Chair		UNDP chair of the PAC. In some cases PAC Chair may also be the QA Approver. Final signature confirms that the SESP was considered as part of the project appraisal and considered in recommendations of the PAC.

## SESP Attachment 1. Social and Environmental Risk Screening Checklist

Checklist Potential Social and Environmental Risks		
<b>Principles 1: Human Rights</b>		<b>Answer (Yes/No)</b>
1.	Could the Project lead to adverse impacts on enjoyment of the human rights (civil, political, economic, social or cultural) of the affected population and particularly of marginalized groups?	No
2.	Is there a likelihood that the Project would have inequitable or discriminatory adverse impacts on affected populations, particularly people living in poverty or marginalized or excluded individuals or groups? <sup>1</sup>	No
3.	Could the Project potentially restrict availability, quality of and access to resources or basic services, in particular to marginalized individuals or groups?	No
4.	Is there a likelihood that the Project would exclude any potentially affected stakeholders, in particular marginalized groups, from fully participating in decisions that may affect them?	No
5.	Is there a risk that duty-bearers do not have the capacity to meet their obligations in the Project?	No
6.	Is there a risk that rights-holders do not have the capacity to claim their rights?	No
7.	Have local communities or individuals, given the opportunity, raised human rights concerns regarding the Project during the stakeholder engagement process?	No
8.	Is there a risk that the Project would exacerbate conflicts among and/or the risk of violence to project-affected communities and individuals?	No
<b>Principle 2: Gender Equality and Women's Empowerment</b>		
1.	Is there a likelihood that the proposed Project would have adverse impacts on gender equality and/or the situation of women and girls?	No
2.	Would the Project potentially reproduce discriminations against women based on gender, especially regarding participation in design and implementation or access to opportunities and benefits?	No
3.	Have women's groups/leaders raised gender equality concerns regarding the Project during the stakeholder engagement process and has this been included in the overall Project proposal and in the risk assessment?	No
4.	Would the Project potentially limit women's ability to use, develop and protect natural resources, taking into account different roles and positions of women and men in accessing environmental goods and services? <i>For example, activities that could lead to natural resources degradation or depletion in communities who depend on these resources for their livelihoods and well being</i>	No
<b>Principle 3: Environmental Sustainability:</b> Screening questions regarding environmental risks are encompassed by the specific Standard-related questions below		
<b>Standard 1: Biodiversity Conservation and Sustainable Natural Resource Management</b>		
1.1	Would the Project potentially cause adverse impacts to habitats (e.g. modified, natural, and critical habitats) and/or ecosystems and ecosystem services?	Yes

<sup>1</sup> Prohibited grounds of discrimination include race, ethnicity, gender, age, language, disability, sexual orientation, religion, political or other opinion, national or social or geographical origin, property, birth or other status including as an indigenous person or as a member of a minority. References to "women and men" or similar is understood to include women and men, boys and girls, and other groups discriminated against based on their gender identities, such as transgender people and transsexuals.

	<i>For example, through habitat loss, conversion or degradation, fragmentation, hydrological changes</i>	
1.2	Are any Project activities proposed within or adjacent to critical habitats and/or environmentally sensitive areas, including legally protected areas (e.g. nature reserve, national park), areas proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities?	Yes
1.3	Does the Project involve changes to the use of lands and resources that may have adverse impacts on habitats, ecosystems, and/or livelihoods? (Note: if restrictions and/or limitations of access to lands would apply, refer to Standard 5)	No
1.4	Would Project activities pose risks to endangered species?	No
1.5	Would the Project pose a risk of introducing invasive alien species?	Yes
1.6	Does the Project involve harvesting of natural forests, plantation development, or reforestation?	Yes
1.7	Does the Project involve the production and/or harvesting of fish populations or other aquatic species?	No
1.8	Does the Project involve significant extraction, diversion or containment of surface or ground water? <i>For example, construction of dams, reservoirs, river basin developments, groundwater extraction</i>	No
1.9	Does the Project involve utilization of genetic resources? (e.g. collection and/or harvesting, commercial development)	No
1.10	Would the Project generate potential adverse transboundary or global environmental concerns?	No
1.11	Would the Project result in secondary or consequential development activities which could lead to adverse social and environmental effects, or would it generate cumulative impacts with other known existing or planned activities in the area? <i>For example, a new road through forested lands will generate direct environmental and social impacts (e.g. felling of trees, earthworks, potential relocation of inhabitants). The new road may also facilitate encroachment on lands by illegal settlers or generate unplanned commercial development along the route, potentially in sensitive areas. These are indirect, secondary, or induced impacts that need to be considered. Also, if similar developments in the same forested area are planned, then cumulative impacts of multiple activities (even if not part of the same Project) need to be considered.</i>	No
<b>Standard 2: Climate Change Mitigation and Adaptation</b>		
2.1	Will the proposed Project result in significant <sup>2</sup> greenhouse gas emissions or may exacerbate climate change?	Yes
2.2	Would the potential outcomes of the Project be sensitive or vulnerable to potential impacts of climate change?	Yes
2.3	Is the proposed Project likely to directly or indirectly increase social and environmental vulnerability to climate change now or in the future (also known as maladaptive practices)? <i>For example, changes to land use planning may encourage further development of floodplains, potentially increasing the population's vulnerability to climate change, specifically flooding</i>	No
<b>Standard 3: Community Health, Safety and Working Conditions</b>		
3.1	Would elements of Project construction, operation, or decommissioning pose potential safety risks to local communities?	No
3.2	Would the Project pose potential risks to community health and safety due to the transport, storage, and use and/or disposal of hazardous or dangerous materials (e.g. explosives, fuel and other chemicals during construction and operation)?	No

<sup>2</sup> In regards to CO<sub>2</sub>, 'significant emissions' corresponds generally to more than 25,000 tons per year (from both direct and indirect sources). [The Guidance Note on Climate Change Mitigation and Adaptation provides additional information on GHG emissions.]

3.3	Does the Project involve large-scale infrastructure development (e.g. dams, roads, buildings)?	No
3.4	Would failure of structural elements of the Project pose risks to communities? (e.g. collapse of buildings or infrastructure)	No
3.5	Would the proposed Project be susceptible to or lead to increased vulnerability to earthquakes, subsidence, landslides, erosion, flooding or extreme climatic conditions?	No
3.6	Would the Project result in potential increased health risks (e.g. from water-borne or other vector-borne diseases or communicable infections such as HIV/AIDS)?	No
3.7	Does the Project pose potential risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during Project construction, operation, or decommissioning?	No
3.8	Does the Project involve support for employment or livelihoods that may fail to comply with national and international labor standards (i.e. principles and standards of ILO fundamental conventions)?	No
3.9	Does the Project engage security personnel that may pose a potential risk to health and safety of communities and/or individuals (e.g. due to a lack of adequate training or accountability)?	No
<b>Standard 4: Cultural Heritage</b>		
4.1	Will the proposed Project result in interventions that would potentially adversely impact sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g. knowledge, innovations, practices)? (Note: Projects intended to protect and conserve Cultural Heritage may also have inadvertent adverse impacts)	No
4.2	Does the Project propose utilizing tangible and/or intangible forms of cultural heritage for commercial or other purposes?	No
<b>Standard 5: Displacement and Resettlement</b>		
5.1	Would the Project potentially involve temporary or permanent and full or partial physical displacement?	No
5.2	Would the Project possibly result in economic displacement (e.g. loss of assets or access to resources due to land acquisition or access restrictions – even in the absence of physical relocation)?	No
5.3	Is there a risk that the Project would lead to forced evictions? <sup>3</sup>	No
5.4	Would the proposed Project possibly affect land tenure arrangements and/or community based property rights/customary rights to land, territories and/or resources?	No
<b>Standard 6: Indigenous Peoples</b>		
6.1	Are indigenous peoples present in the Project area (including Project area of influence)?	No
6.2	Is it likely that the Project or portions of the Project will be located on lands and territories claimed by indigenous peoples?	No
6.3	<p>Would the proposed Project potentially affect the human rights, lands, natural resources, territories, and traditional livelihoods of indigenous peoples (regardless of whether indigenous peoples possess the legal titles to such areas, whether the Project is located within or outside of the lands and territories inhabited by the affected peoples, or whether the indigenous peoples are recognized as indigenous peoples by the country in question)?</p> <p><i>If the answer to the screening question 6.3 is “yes” the potential risk impacts are considered potentially severe and/or critical and the Project would be categorized as either Moderate or High Risk.</i></p>	No

<sup>3</sup> Forced evictions include acts and/or omissions involving the coerced or involuntary displacement of individuals, groups, or communities from homes and/or lands and common property resources that were occupied or depended upon, thus eliminating the ability of an individual, group, or community to reside or work in a particular dwelling, residence, or location without the provision of, and access to, appropriate forms of legal or other protections.



6.4	Has there been an absence of culturally appropriate consultations carried out with the objective of achieving FPIC on matters that may affect the rights and interests, lands, resources, territories and traditional livelihoods of the indigenous peoples concerned?	No
6.5	Does the proposed Project involve the utilization and/or commercial development of natural resources on lands and territories claimed by indigenous peoples?	No
6.6	Is there a potential for forced eviction or the whole or partial physical or economic displacement of indigenous peoples, including through access restrictions to lands, territories, and resources?	No
6.7	Would the Project adversely affect the development priorities of indigenous peoples as defined by them?	No
6.8	Would the Project potentially affect the physical and cultural survival of indigenous peoples?	No
6.9	Would the Project potentially affect the Cultural Heritage of indigenous peoples, including through the commercialization or use of their traditional knowledge and practices?	No
<b>Standard 7: Pollution Prevention and Resource Efficiency</b>		
7.1	Would the Project potentially result in the release of pollutants to the environment due to routine or non-routine circumstances with the potential for adverse local, regional, and/or transboundary impacts?	No
7.2	Would the proposed Project potentially result in the generation of waste (both hazardous and non-hazardous)?	No
7.3	Will the proposed Project potentially involve the manufacture, trade, release, and/or use of hazardous chemicals and/or materials? Does the Project propose use of chemicals or materials subject to international bans or phase-outs?  <i>For example, DDT, PCBs and other chemicals listed in international conventions such as the Stockholm Conventions on Persistent Organic Pollutants or the Montreal Protocol</i>	No
7.4	Will the proposed Project involve the application of pesticides that may have a negative effect on the environment or human health?	No
7.5	Does the Project include activities that require significant consumption of raw materials, energy, and/or water?	No