

# Annex XI.2 Social and Environmental Screening

## Annex XI.2 Social and Environmental Screening Template

### Project Information

Project Information	
1. Project Title	Solarisation of Head of State Residences in PIF Member Countries
2. Project Number	[Alias Project Number to be inserted]
3. Location (Global/Region/Country)	Pacific

### Part A. Integrating Overarching Principles to Strengthen Social and Environmental Sustainability Agenda Item 7 Decision of PAC

- Project document approved on basis that recommendations will be addressed in finalized project document
- Project document is ready for approval and signing
- A copy of final project document to be shared with members of the PAC

QUESTION 1: How Does the Project Integrate the Overarching Principles in order to Strengthen Social and Environmental Sustainability?
<p><i>Briefly describe in the space below how the Project mainstreams the human-rights based approach</i></p> <p>A human rights approach is 'a conceptual framework for the process of human development that is normatively based on international human rights standards and operationally directed to promoting and protecting human rights. It seeks to analyse inequalities which lie at the heart of development problems and redress discriminatory practices and unjust distributions of power that impede development progress' (<a href="https://hrbaportal.org/faq">https://hrbaportal.org/faq</a>). 'Energy...is fundamental to the full enjoyment of not only economic and social rights but also civil and political rights... Under the United Nations Charter, nations of the world pledge to promote improved standards of living and conditions conducive to economic and social development... Whilst the right to access to energy was not mentioned in specific terms in the UN Charter, creating conditions conducive to socio-economic development will inevitably require the provision of adequate energy services.' (Access to Energy in Sub-Saharan Africa - A Human Rights Approach to the Climate Change Benefits of Energy Access).</p> <p><i>Briefly describe in the space below how the Project is likely to improve gender equality and women's empowerment</i></p> <p>The Concept Paper - Solarisation of Head of State Residences in the Pacific prepared by PIF dated July 2018, which was approved for funding by the India-UN Development Partnership Fund, does not include any gender specific activities.</p> <p><i>Briefly describe in the space below how the Project mainstreams environmental sustainability</i></p> <p>Environmental sustainability considerations will be reflected in solar PV system design and specification of components, installation, training in operation and maintenance, and, the disposal of components after the end of their service life.</p>

Template

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

QUESTION 2: What are the Potential Social and Environmental Risks?	QUESTION 3: What is the level of significance of the potential social and environmental risks?	QUESTION 6: What social and environmental assessment measures have been conducted and/or are required to address potential risks (for Risks with Moderate and High Significance)?
<p><b>Risk 1: Unsafe and environmentally risky system design and component specifications</b></p>	<p>Impact and Probability (1-5) P = 1</p>	<p>Significance (Low, Moderate, High) Moderate</p>
<p><b>Risk 2: Unsafe and environmentally risky installation of PV systems</b></p>	<p>Impact and Probability (1-5) P = 1</p>	<p>Significance (Low, Moderate, High) Moderate</p>
<p><b>Risk 3: Unsafe and environmentally risky operation and maintenance practices</b></p>	<p>Impact and Probability (1-5) P = 1</p>	<p>Significance (Low, Moderate, High) Moderate</p>
<p><b>Risk 4: Unsafe and environmentally risky disposal of PV components after the end of their service life</b></p>	<p>Impact and Probability (1-5) P = 2</p>	<p>Significance (Low, Moderate, High) Low</p>
<p><b>Risk Description</b></p>	<p><b>Impact and Probability (1-5)</b></p>	<p><b>Significance (Low, Moderate, High)</b></p>
<p><b>Comments</b></p>	<p><b>Description of assessment and management measures as reflected in the Project design. If ESA or SESA is required note that the assessment should consider all potential impacts and risks.</b></p>	<p>Feasibility assessment will include environmental aspects as per national environmental impact assessment legislation and regulations. In case there is no national technical standards for solar PV, system design will adhere to the latest version of the System Design Guidelines for Grid Connected PV Systems (No Battery Storage) prepared by the Pacific Power Association (PPA) and the Sustainable Energy Industry Association of the Pacific Islands (SEI-API).</p> <p>In case there is no national technical standards for solar PV installation, installation will adhere to the latest version of the System Installation Guidelines for Grid Connected PV Systems (No Battery Storage) prepared by PPA and SEI-API.</p> <p>Training of users in basic day-to-day O&amp;M in accordance with the latest version of the Grid Connected PV – Operation and Maintenance Guideline developed by SEI-API and PPA.</p>

<p>connected solar is installed or committed making the region one of the highest per-capita users of grid connected solar in the world. Thus, it is likely that the project would be able to benefit from measures established to dispose of components from existing large-scale systems.</p>			<p><b>QUESTION 4: What is the overall Project risk categorization?</b></p>	<p>Select one (see SESP for guidance)</p> <p>Low Risk</p> <p>Moderate Risk <input checked="" type="checkbox"/></p> <p>High Risk</p>	<p>Comments</p>
<p><b>QUESTION 5: Based on the identified risks and risk categorization, what requirements of the SES are relevant?</b></p> <p>Check all that apply</p>			<p><b>Principle 1: Human Rights</b></p> <p><b>Principle 2: Gender Equality and Women's Empowerment</b></p> <p><b>1. Biodiversity Conservation and Natural Resource Management</b></p> <p><b>2. Climate Change Mitigation and Adaptation</b></p> <p><b>3. Community Health, Safety and Working Conditions</b></p> <p><b>4. Cultural Heritage</b></p> <p><b>5. Displacement and Resettlement</b></p> <p><b>6. Indigenous Peoples</b></p> <p><b>7. Pollution Prevention and Resource</b></p>	<p>Low Risk</p> <p>Moderate Risk <input checked="" type="checkbox"/></p> <p>High Risk</p>	<p>Comments</p>

Final Sign Off

Signature	Date	Description
QA Approver 	5/12/19	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 	5/12/19	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 submission to the PAC.
PAC Chair 	16/12/2019	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

<b>Checklist Potential Social and Environmental Risks</b>		
<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: Screening questions regarding environmental risks are encompassed by the specific Standard-related questions below</b>		
<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? <i>For example, through habitat loss, conversion or degradation, fragmentation, hydrological changes</i>	No
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	No

<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.

	proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities?	
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?	No
1.6	Does the Project involve harvesting of natural forests, plantation development, or reforestation?	No
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?	No
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
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)	Yes
3.5	Would the proposed Project be susceptible to or lead to increased vulnerability to earthquakes, subsidence, landslides, erosion, flooding or extreme climatic conditions?	Yes
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

<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.]

3.7	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?	Yes
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)	Yes
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	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)? <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>	No
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

<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.