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**THIRD SOUTH WEST INDIAN OCEAN FISHERIES GOVERNANCE AND SHARED GROWTH PROJECT (SWIOFish3)**

**Subproject Name**

**Subproject Location**

**Environmental and Social Screening Report for SWIOFish3 Project**

Month Year

Screening date:

**Subproject name:**

**Subproject Location**

Country:

Island:

District:

**Project Leaders**

Ministry: Ministry of Finance, Trade, Investment and Economic Planning

 The Blue Economy Department, Vice President’s Office

**Part A: Brief description of the subproject**

* Objective and characteristics of the subproject:
* Type and current land use:
* Land certification/lease:
* Environmental and social activities (done/to be done):

**Part B: Identification of environmental and social impacts**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environmental impacts/risks** | **Yes**  | **No**  | **Remarks**  |
| **Sector resources**  |  |  |  |
| Is an Environmental and/or Social Assessment required by the law of Seychelles where the subproject activities are to be undertaken? |  |  |  |
| Does it require vast clearing or acquisition of land areas?  |   |   |   |
| Will the subproject require large volumes of construction materials from the local natural resources (sand, gravel, laterite, water, wood construction, etc.)?  |  |  |  |
| Reduced flows or lowering of water table due to abstraction, possibly resulting in salinization? |  |  |  |
| Disruption of coastal processes (e.g., wave, tidal and current regime, sediment transport, flood and storm protection) due to inadequate siting of sub-project?  |  |  |  |
| Introduction of sediments to coastal waters or inland watercourses, or interruption of drainage patterns, as a result of ground clearance, earthworks and operational maintenance of systems? |  |  |  |
| Reduction of water availability for human communities and ecosystems due to abstraction of significant volume of water from surface or ground water sources for supply to aquaculture system? |  |  |  |
| Dust and emissions from small-scale construction activities, and from vehicles and motorized vessels, could affect human health, vegetation and wildlife? |  |  |  |
| **Biodiversity** |  |  |  |
| Will the subproject cause impact on endemic, rare, vulnerable species (i.e. IUCN Red List species) and or important economic, ecological, physical cultural resources and components  |   |   |   |
| Are there any areas of environmental or ecological sensitivity that could be adversely affected (loss, degradation or fragmentation of protected or ecologically sensitive areas) by the subproject? E.g., forests, wetlands (lakes, rivers, seasonal floodplains), etc.  |   |   |   |
| Establishment of populations or genetic mixing with wild populations caused by accidental release of cultured species (especially non-native ones), leading to negative impacts on local flora and fauna? |  |  |  |
| If the subproject is outside protected areas, but at a short distance from protected areas, could it adversely affect the ecology within the protected area? (e.g. interference with the flight of birds, migration of mammals)  |   |   |   |
| Degradation of native populations due to spread of diseases from cultured species? |  |  |  |
| Further development, increased disturbance and pressure on natural resources due to development of projects in previously undeveloped areas? |  |  |  |
| Loss of plant species and habitats of conservation interest due to earthworks and clearance? |  |  |  |
| Noise and vibration from small-scale construction activities, and from vehicles and motorized vessels, which may disturb sensitive noise receptors (human and fauna, including fish and marine mammals)? |  |  |  |
| Excessive or unregulated capture of a small range of target species and accidental capture of other non-targeted species may deplete stocks and place pressure on local food resources? |  |  |  |
| Direct mortality of target and non-target species, leading to depletion of their populations, including involuntary capture in lost nets? |  |  |  |
| **Geology and Soils**  |  |  |  |
| From the geological or soil point of view are there unstable areas (erosion, landslide, collapse)?  |   |   |   |
| Excess consumption of materials, generation of wastes/emissions, pollution of soils and water due to inefficient waste management during construction, operation and maintenance; in particular, impacts of wastewater contaminated with nutrients and chemicals? |  |  |  |
| Loss, damage or disruption of soil/sediments during small-scale construction works?  |  |  |  |
| Interruption or disruption of surface and groundwater flows from construction, excavation and ground clearance? |  |  |  |
| Loss, damage or disruption of soil/sediments during construction and maintenance? |  |  |  |
| Release of hazardous substances during construction or maintenance (e.g., accidental spills and leaks) leading to soil, surface or groundwater contamination? |  |  |  |
| Are there any areas at risk of soil salinization?  |   |   |   |
| **Landscape/aesthetics**  |  |  |  |
| Will the subproject have any adverse effect on the aesthetic value of the landscape?  |   |   |   |
| **Pollution**  |  |  |  |
| Is the subproject likely to cause high levels of noise?  |   |   |   |
| Has the subproject the potential to generate significant amounts of solid and liquid wastes? (i.e. waste oils, high BOD effluents, heavy metals, other toxic chemicals, pesticides, fertilizer pollution, etc.)  |   |   |   |
| If "yes" has the subproject client prepared a plan for waste collection and disposal or management?  |   |   |   |
| **Environmental and social concerns**  | Yes  | No  | Remarks  |
| Is there Environmental and Social Management Capacity and Equipment?  |   |   |   |
| Is there any risk that subproject could affect the quality of surface water, groundwater, drinking water sources  |   |   |   |
| Has the subproject any potential of affecting the atmosphere and causing air pollution (dust, PM10, various gases such NOx, SO2, etc.)  |   |   |   |
| **Health and Safety**  |  |  |  |
| Will the project require use of a work force? |  |  |  |
| Does the subproject have the potential to lead to risks of accident for workers and communities?  |   |   |   |
| Is there a risk for increased occurrence of communicable diseases, including HIV/AIDS and sexually transmitted diseases (STDs) due to interaction between any non-local workers and local communities? |   |   |   |
| Does the subproject have the potential to lead to an increase in the population of disease vectors? Malaria, Intestinal and Urinary Bilharzia and others  |   |   |   |

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| **Social impacts/risks** | Yes | No | Remarks |
| **Land tenure** |  |  |  |
| Does the site selected for the subproject activities have a land title/ lease? |  |  |  |
| **Lifestyle** |  |  |  |
| Does the subproject have any potential of causing alterations in the lifestyle of local people? |  |  |  |
| Could the subproject lead to the accentuation of social inequalities?  |  |  |  |
| Real or perceived disruption to normal community life, through the physical presence of a workforce? |  |  |  |
| Does the subproject have the potential to lead to any social conflicts? |  |  |  |
| **Historical, archaeological or cultural sites**  |  |  |  |
| Has the subproject the potential to displace or damage cultural/archeological/historical heritage sites? |  |  |  |
| **Loss of/loss of access to land, resources, assets**  |  |  |  |
| Will the activity require that land (public or private) be acquired (temporarily or permanently) for its development? |  |  |  |
| Does the subproject lead to physical displacement of people? |  |  |  |
| Does the subproject lead to economic displacement? |  |  |  |
| Are the assets/activities affected by economic displacement equivalent to or less than 10% of the PAP’s productive assets? |  |  |  |
| Does the subproject restrict people’s access to legally designated parks and protected areas?  |  |  |  |
| Can the subproject lead to adverse effects on resources’ availability or quality of them?  |  |  |  |
| **Local Incomes**  |  |  |  |
| Does the subproject result in adverse impacts on people livelihoods? |  |  |  |
| Does the subproject create temporary or permanent jobs?  |  |  |  |
| Does the subproject promote and/or create other income generating activities? |  |  |  |
| **Gender Concerns**  |  |  |  |
| Does the subproject take into account specifically the needs and concerns of women and other vulnerable groups? |  |  |  |
| Does the subproject promote the integration of women and other vulnerable groups in its development? |  |  |  |
| **Stakeholder Engagement and Consultations** |  |  |  |
| Have stakeholder consultations been initiated? |  |  |  |
| Have environmental and social impacts and risks identified been shared with the community/key stakeholders? |  |  |  |
| **Environmental and Social Capacity** |  |  |  |
| Is there Environmental and Social Management Capacity?  |  |  |  |

**Public Consultation and Participation**

Have public consultation and participation been sought?

Yes\_\_\_\_ No\_\_\_

If “Yes”, briefly describe the measures taken to this effect.

If no or minimal E&S impacts have been identified from the screening above, no safeguards instrument would be required for the subproject. In certain cases, the proponent may be required to provide specific mitigation measures for those minimal impacts.

**Part C:** **Assessment of significance of environmental and social risks and mitigation**

For all identified risks, rate the significance of the risk and briefly describe the measures taken to avoid/reduce/mitigate/compensate them.

|  |
| --- |
| Use Tables 1 and 2 (in the ESMF) as guides, rate the impact and probability of each risk identified on a scale of 1 to 5, and use table 3 as a guide to rate the significance of each risk  |
| **Potential environmental and social risks**  | **Impact** **(1-5)**  | **Probability (1-5)**  | **Significance (Low,** **Moderate, High)**  | **Proposed mitigation measures** |
|   |   |   |   |   |
|  |  |  |  |  |
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**Table 1: Rating “Impact” of a Risk**

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| --- | --- | --- | --- |
| **Impacts Category** | **Description** | **(Ir)reversible** | **Cumulative Impacts** |
| 1- None | No impact | No adverse impacts on communities, individuals and/or environment | No |
| 2- Negligible | The impact has no significant risk toenvironment either short term or long term | Negligible adverse impacts on communities, individuals, and/or environment | No |
| 3- Minor | The impact is short term and cause very limited risk to the environment | Limited impacts in terms of magnitude (e.g. small affected area, low number of people affected) and duration (short), may be easily avoided, managed, mitigated | No |
| 4- Moderate | Impacts give rise to some concern, may cause long term environmental problems but are likely short term and acceptable | Adverse impacts on people and/or environment of medium magnitude, spatial extent and duration, (mostly temporary, reversible). Such risk levels which can be avoided or have mitigation measures which can reduce the potential impact | May or may not |
| 5- Major | Impact is long term, large scale environmental risk | Significant adverse impacts on human populations and/or environment. Adverse impacts high in magnitude and/or spatial extent (e.g. large geographic area, large number of people, transboundary impacts, cumulative impacts) and duration (e.g. long-term, permanent and/or irreversible); areas impacted include areas of high value and sensitivity (e.g. valuable ecosystems, critical habitats); adverse impacts to rights, lands, resources and territories of indigenous peoples; involve significant displacement | Yes |

**Table 2: Rating “Probability” of a Risk**

|  |  |
| --- | --- |
| **Score** | **Rating** |
| 5 | Expected |
| 4 | Highly Likely |
| 3 | Moderately likely |
| 2 | Not Likely |
| 1 | Slight  |

Source: adapted from UNDP, 2016, p. 17.

**Table 3: Determining “Significance” of a Risk**



**Part D: Project classification and requested environmental and social assessment**

Project classified as category:

A B C

|  |
| --- |
| **Environmental and Social Instruments** |
| Environmental and Social Impact Assessment (ESIA)  |  |
| Environmental and Social Management Plan (ESMP) |  |
| Health, Safety Management Plan (HSMP) |  |
| Waste Management Plan (WMP) |  |
| Resettlement Action Plan (RAP) |  |
|  Livelihood Restoration Plan (LRP) |  |
| Any other relevant instrument? | Yes | No |
| If yes, indicate E&S instrument |  |
| No environmental and social work needed |  |

**Form prepared by**:

Signature: Date:

Name (print): Job Title:

**Form approved by**:

Signature: Date:

Name (print): Job Title: