**SPREP EIA SCREENING CHECKLIST - MODIFIED**

**SECTION 1 – PROJECT DETAILS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Project reference no. | Project name | Project proponent (developer) | Proponent's email address | Proponent's phone number | Project location (including coordinates, if available) | Type and purpose of project (brief description) |
|  |  |  |  |  |  |  |

**SECTION 2 – SIZE AND SCALE OF THE PROPOSED PROJECT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 2.1 What area of land and/or sea will be developed? (indicate size of area, in m2 or km2) |  |  |  |  |  |
| 2.2 Will a large amount of energy, water or other natural resources be required for project construction and operation? |  |  |  |  |  |
| 2.3 Will a large workforce be needed? Is a local and/or external workforce to be employed? |  |  |  |  |  |
| 2.4 What is the expected timeframe for the project? (including construction, operation, closure and decommissioning – if appropriate) |  |  |  |  |  |

**SECTION 3 – CHARACTER OF THE PROPOSED PROJECT**

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| --- | --- | --- | --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 3.1 What type of construction or operational activities will be undertaken by the project? |  |  |  |  |  |
| 3.2 Are the project activities novel (new) or have they been undertaken before within the country, or in the Pacific region? |  |  |  |  |  |

**SECTION 4 – PROJECT LOCATION**

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| --- | --- | --- | --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 4.1 Is the project to be located within or adjacent to a vulnerable area (e.g. low-lying coastal area, waterways, floodplain, wetland, steep sloping land)? |  |  |  |  |  |
| 4.2 Is the project to be located adjacent to a sensitive site or facility (e.g. historical or archaeological site, conservation reserve, school, hospital/medical facility)? |  |  |  |  |  |
| 4.3 Is the project likely to impact on existing land or sea uses/activities? |  |  |  |  |  |
| 4.4 Is the proposed site suitable for the project (e.g. appropriate set-back from the coast, streams or rivers; no steep or eroding slopes)? |  |  |  |  |  |
| 4.5 Is the proposed project site customary land? Are all customary land/resource owners aware of the project proposal? Have they been consulted/meaningfully engaged? |  |  |  |  |  |
| 4.6 Are there special land zoning considerations that need to be taken into account (e.g. will the project be within a conservation reserve, rural, urban or industrial area)? |  |  |  |  |  |

**SECTION 5 – ENVIRONMENTAL IMPACTS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Aspect of the Environment | Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 5.1 Topography, geology and soils | 5.1.1 Destruction, covering or modification of any unique geological or landscape feature? |  |  |  |  |  |
| 5.1.2 Soil contamination or disturbance of previously contaminated soils? |  |  |  |  |  |
| 5.1.3 Disturbance of soils that are fragile, or susceptible to erosion or compaction? |  |  |  |  |  |
| 5.1.4 Creation of steep slopes or other unstable land conditions? |  |  |  |  |  |
| 5.1.5 Changes in the channel of a stream, a floodplain, or the bed of the ocean or lagoon? |  |  |  |  |  |
| 5.2 Water | 5.2.1 Extraction or use of ground, surface or tank water resources, leading to reduction in the volume and quality of water available for the public water supply? |  |  |  |  |  |
| 5.2.2 Pollution of ground, surface, coastal or sea water, via direct or indirect discharges or seepages; or through interception of an aquifer by drilling, cuts or excavations? |  |  |  |  |  |
| 5.2.3 Changes in currents, or the course or direction of marine or freshwater movement? |  |  |  |  |  |
| 5.2.4 Changes in runoff, drainage patterns or absorption rates? |  |  |  |  |  |
| 5.2.5 Coastal, stream or river flooding? |  |  |  |  |  |
| 5.3 Air | 5.3.1 Release of dust? |  |  |  |  |  |
| 5.3.2 Release of hazardous, toxic or noxious air pollutants/emissions? |  |  |  |  |  |
| 5.3.3 A significant increase or decrease in local or regional greenhouse gas emissions? |  |  |  |  |  |
| 5.4 Noise | 5.4.1 A significant increase in existing (baseline) noise levels that will adversely affect people or animals? |  |  |  |  |  |
| 5.5 Plant life | 5.5.1 Damage to or clearing of vegetation communities (e.g. upland forest or mangrove communities)? |  |  |  |  |  |
| 5.5.2 Damage to or destruction of important plant communities (e.g. seagrass beds; plants with medicinal, cultural or commercial value; unique, threatened or endangered plant species)? |  |  |  |  |  |
| 5.5.3 A reduction in agricultural crop production? |  |  |  |  |  |
| 5.5.4 The farming or production of an exotic plant species? |  |  |  |  |  |
| 5.5.5 The spread or introduction of an invasive plant species? |  |  |  |  |  |
| 5.6 Animal life | 5.6.1 Damage to or destruction of coral reef areas? |  |  |  |  |  |
|  | 5.6.2 Reductions in the numbers of unique, rare or endangered animal species? |  |  |  |  |  |
|  | 5.6.3 Reductions in animal populations harvested regularly for human consumption (e.g. fisheries)? |  |  |  |  |  |
|  | 5.6.4 Damage to or destruction of habitat for animal communities on land, in rivers or in the ocean? |  |  |  |  |  |
|  | 5.6.5 Barriers to the migration or movement of animals? |  |  |  |  |  |
|  | 5.6.6 The farming or production of an exotic animal species? |  |  |  |  |  |
|  | 5.6.7 The spread or introduction of an invasive animal species? |  |  |  |  |  |
| 5.7 Natural resources | 5.7.1 The extraction, harvest or consumption of natural resources (e.g. timber, minerals, water)? |  |  |  |  |  |
| 5.7.2 A noticeable increase in the rate of use of any natural resource? |  |  |  |  |  |
| 5.7.3 Substantial depletion of non-renewable resources? |  |  |  |  |  |
| 5.8 Human communities | 5.8.1 Encroachment into existing settlement areas or customary lands? |  |  |  |  |  |
| 5.8.2 Influx of an external workforce or in-migration to the project area? |  |  |  |  |  |
| 5.8.3 Demand for additional housing to accommodate an external workforce? |  |  |  |  |  |
| 5.8.4 Increased traffic or increased use of roads and the existing transport system; and an increase in associated health risks (dust, noise)? |  |  |  |  |  |
| 5.8.5 Increased demand for and disruption to social services and infrastructure (e.g. water and energy supply, communications, sewage and waste disposal, fire protection, police, schools, medical care)? |  |  |  |  |  |
| 5.8.6 A reduction in visual amenity? |  |  |  |  |  |
| 5.8.7 Infringement on customs or customary rights? |  |  |  |  |  |
| 5.8.8 Social change or impacts on traditional governance structures, resulting in community dislocation or loss of community cohesion? |  |  |  |  |  |
| 5.8.9 Restrictions in access to customary areas or restrictions in resource use in customary areas? |  |  |  |  |  |
| 5.8.10 Changes in access to or the quality of recreational opportunities (e.g. sites used for nature-based tourism)? |  |  |  |  |  |
| 5.9 Local and national economy | 5.9.1 Local economic displacement or loss of livelihoods (including subsistence and informal economic activities)? |  |  |  |  |  |
| 5.9.2 Creation of jobs/livelihood opportunities for locals? |  |  |  |  |  |
| 5.9.3 Influx of the cash economy in areas where there was previously a subsistence-based economy? |  |  |  |  |  |
| 5.9.4 Training or educational opportunities for locals? |  |  |  |  |  |
| 5.9.5 Increased tax revenue for the national government? Royalties or benefits for sub-national levels of government? |  |  |  |  |  |
| 5.9.6 Industry development opportunities? |  |  |  |  |  |
| 5.9.7 Benefits for directly affected people and communities (which may include direct economic benefits, community development programmes etc.)? |  |  |  |  |  |
| 5.9.8 Benefits for the broader community (e.g. upgrading of social services or infrastructure)? |  |  |  |  |  |

**SECTION 6 – ENVIRONMENTAL HAZARDS**

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| --- | --- | --- | --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 6.1 Increased risk of an explosion or release of toxic pollution related to the use, handling, storage or production of hazardous substances? |  |  |  |  |  |
| 6.2 Increased health and safety hazards or risks for people (e.g. from the use of machinery/equipment or the presence of hazardous substances)? |  |  |  |  |  |
| 6.3 Increased vulnerability of people or property to water-related hazards (e.g. flooding, tidal waves)? |  |  |  |  |  |
| 6.4 Increased vulnerability of people or property to geological hazards (e.g. landslides, ground failure, earthquakes)? |  |  |  |  |  |

**SECTION 7 – ENVIRONMENTAL CHANGE**

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| --- | --- | --- | --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Risk Rating | | | Does the potential impact need to be further investigated? Will it require management? |
| Consequence | Probability | Significance |
| 7.1 Loss of land from shoreline change or coastal erosion, especially associated with extreme weather events? |  |  |  |  |  |
| 7.2 Sea-level rise? |  |  |  |  |  |
| 7.3 Flooding from high tides, large swells, extreme rainfall or storm-related events? |  |  |  |  |  |
| 7.4 Other impacts related to climate change or climate variability? |  |  |  |  |  |

**SECTION 8 – UNCERTAINTY SURROUNDING POTENTIAL IMPACTS AND RISKS**

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| --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Is further investigation required? |
| 8.1 Are the potential project impacts and risks easily identified and well-understood? |  |  |
| 8.2 Are cumulative impacts in the project's area of influence well understood and have they been properly analysed? |  |  |

**SECTION 9 – BROADER POLICY AND PLANNING CONTEXT**

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| --- | --- | --- |
| Questions | Yes/No/N.A./Brief Description | Is further investigation required? |
| 9.1 Are there particular goals, targets or obligations under government policies, plans or legislation that are relevant to this project? |  |  |
| 9.2 Is the project relevant to any MEA commitments or obligations? (e.g. CBD, CMS, CITES, Ramsar, Stockholm Convention, MARPOL, UNCLOS, UNCCD, UNFCCC) |  |  |
| 9.3 Are there any areas within or around the proposed project site that are protected under international, national or local laws? |  |  |

**RECOMMENDATION(s):**

EIA not required (DC issued with conditions)

PER required.

EIA required.

**REASONS FOR RECOMMENDATION:**

Name(s) and job title(s) of screening officer(s):

Ministry/department:  
Signature(s): Date: