

Rapid Environmental Assessment (REA) Checklist

**POWER
TRANSMISSION**

Instructions:

- This checklist is to be prepared to support the environmental classification of a project. It is to be attached to the environmental categorization form that is to be prepared and submitted to the Chief Compliance Officer of the Regional and Sustainable Development Department.
- This checklist is to be completed with the assistance of an Environment Specialist in a Regional Department.
- This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB checklists and handbooks on (i) involuntary resettlement, (ii) indigenous peoples planning, (iii) poverty reduction, (iv) participation, and (v) gender and development.
- Answer the questions assuming the “without mitigation” case. The purpose is to identify potential impacts. Use the “remarks” section to discuss any anticipated mitigation measures.

Country/Project Title:

Sector Division:

SCREENING QUESTIONS	Yes	No	REMARKS
A. Project Siting			
Is the Project area adjacent to or within any of the following environmentally sensitive areas?			
▪ Cultural heritage site	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Protected Area	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Wetland	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Mangrove	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Estuarine	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Buffer zone of protected area	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Special area for protecting biodiversity	<input type="checkbox"/>	<input type="checkbox"/>	
B. Potential Environmental Impacts			
Will the Project cause...			
▪ encroachment on historical/cultural areas, disfiguration of landscape and increased waste generation?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ encroachment on precious ecosystem (e.g. sensitive or protected areas)?	<input type="checkbox"/>	<input type="checkbox"/>	

SCREENING QUESTIONS	Yes	No	REMARKS
<ul style="list-style-type: none"> ▪ alteration of surface water hydrology of waterways crossed by roads and resulting in increased sediment in streams affected by increased soil erosion at the construction site? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ damage to sensitive coastal/marine habitats by construction of submarine cables? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ deterioration of surface water quality due to silt runoff, sanitary wastes from worker-based camps and chemicals used in construction? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ increased local air pollution due to rock crushing, cutting and filling? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ chemical pollution resulting from chemical clearing of vegetation for construction site? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ noise and vibration due to blasting and other civil works? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ dislocation or involuntary resettlement of people 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ social conflicts relating to inconveniences in living conditions where construction interferes with pre-existing roads? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ hazardous driving conditions where construction interferes with pre-existing roads? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases from workers to local populations? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ creation of temporary breeding habitats for mosquito vectors of disease? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ dislocation and compulsory resettlement of people living in right-of-way of the power transmission lines? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ environmental disturbances associated with the maintenance of lines (e.g. routine control of vegetative height under the lines)? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ facilitation of access to protected areas in case corridors traverse protected areas? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ accident risks associated with maintenance of lines and related facilities? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ health hazards due to electromagnetic fields, land subsidence, lowered groundwater table, and salinization? 	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> ▪ disturbances (e.g. noise and chemical pollutants) if herbicides are used to control vegetative height? 	<input type="checkbox"/>	<input type="checkbox"/>	