

Rapid Environmental Assessment (REA) Checklist

WIND ENERGY

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"/>	
▪ Offshore (marine)	<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...			

SCREENING QUESTIONS	Yes	No	REMARKS
▪ encroachment on precious ecology resulting in loss or damage to terrestrial or aquatic habitats (e.g., wetlands or sensitive or protected areas) or species of conservation significance?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ encroachment on historical/cultural monuments or areas?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ dislocation or involuntary resettlement of people?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ noise and vibration due to blasting and other civil works?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ an increase in local traffic during construction?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ decrease in value of land in the area due to noise, the degradation of environmental aesthetics or other nuisances?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ short-term ecological disturbances such as soil erosion, water quality deterioration (surface and groundwater), air pollution, noise and vibrations from construction equipment?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ alteration of surface water flows by towers, roads or other facilities, resulting in erosion and stream sedimentation?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ disturbance of sensitive marine ecosystems from the installation of offshore towers and submarine cables?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ a threat to bird or bat life from turbine and tower collision (particularly waterbirds)?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ noise disturbance during operation due to the proximity of settlements or other features?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ social conflicts between local laborers and those from outside the area?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ disruption of radar or telecommunications from electromagnetic interference?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ aviation or navigation hazard from turbines?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ hazards to traffic on major roads near the wind farm due to the location of turbines causing driver distraction?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ facilitation of access to protected areas by roads or the transmission line corridor?	<input type="checkbox"/>	<input type="checkbox"/>	
▪ shadow flicker in nearby settlements or at other important local sites?	<input type="checkbox"/>	<input type="checkbox"/>	