

Rapid Environmental Assessment (REA) Checklist

ROADS AND HIGHWAYS

Instructions:

- 1 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.
- 1 This checklist is to be completed with the assistance of an Environment Specialist in a Regional Department.
- 1 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.
- 1 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 by road embankments, cuts, fills, and quarries? | <input type="checkbox"/> | <input type="checkbox"/> | |

| SCREENING QUESTIONS | Yes | No | REMARKS |
|--|--------------------------|--------------------------|---------|
| <ul style="list-style-type: none"> ▪ encroachment on precious ecology (e.g. sensitive or protected areas)? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ alteration of surface water hydrology of waterways crossed by roads, resulting in increased sediment in streams affected by increased soil erosion at construction site? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ deterioration of surface water quality due to silt runoff and 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 works, and chemicals from asphalt processing? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ noise and vibration due to blasting and other civil works? ▪ dislocation or involuntary resettlement of people | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ other social concerns relating to inconveniences in living conditions in the project areas that may trigger cases of upper respiratory problems and stress? | <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? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ accident risks associated with increased vehicular traffic, leading to accidental spills of toxic materials and loss of life? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ increased noise and air pollution resulting from traffic volume? | <input type="checkbox"/> | <input type="checkbox"/> | |
| <ul style="list-style-type: none"> ▪ increased risk of water pollution from oil, grease and fuel spills, and other materials from vehicles using the road? | <input type="checkbox"/> | <input type="checkbox"/> | |