

List of issues to be covered by a Strategic Environmental and Social Management Plan (SESMP)

In some situations, a stand-alone SESMP may be required by the PPP proponent. The SESMP should outline the measures to be taken during PPP implementation and operation to enhance positive and prevent, minimize, or mitigate adverse environmental and social impacts associated with the PPP and projects or activities likely to arise during its implementation.

The SESMP should include:

- **Summary of impacts**
 - The predicted negative environmental and social impacts for which mitigation is required and the positive impacts, which can be enhanced, should be identified and briefly summarized. Cross-referencing to the SEA report or other documentation is recommended so that additional detail can be readily referenced.
- **Mitigation measures**
 - Identify feasible and cost-effective measures to reduce potentially significant adverse environmental and social impacts to acceptable levels;
 - Each mitigation measure should be briefly described with reference to the impact to which it relates and the conditions under which it is required (e.g., continuously);
 - The mitigation measures should be accompanied by, or referenced to, designs, equipment descriptions, and operating procedures that elaborate on the technical aspects of implementing the various measures;
 - Where mitigation measures may result in secondary impacts, their significance should be evaluated
 - Need for a subsequent EIA(s).
- **Environmental and Social Quality Objectives (ESQOs)**
- **Environmental and Social Performance Monitoring Program/Mechanism**
 - Provide details for a monitoring and evaluation mechanism for the environmental and social impacts of the PPP and development projects/initiatives likely to be implemented during its implementation, with monitoring indicators and a corresponding evaluation procedure and methodology. It should aim to signal when steps are required to enhance benefits or to remove or reduce risks and negative impacts. The proposed mechanism should take into account existing national legislation and provisions regarding EIA. The monitoring program should clearly indicate:
 - The linkages between impacts identified in the SEA study
 - Indicators to be measured
 - Methods to be used
 - Sampling locations
 - Frequency of measurements
 - Detection limits (where appropriate)
 - Definition of thresholds that will signal the need for corrective actions.
- **Compliance**
 - Indicate measures to ensure **compliance with relevant safeguards** during both preparation and implementation of the PPP and projects/initiatives that may arise during its implementation. Bhutanese safeguards should take precedence. Where Bhutanese safeguards do not exist, then reference may be made to other safeguards (World Bank safeguards).

- **Institutional arrangements**
 - Roles and responsibilities of different jurisdictions, authorities, and actors in implementing the SESMP (particularly coordination, mitigation, and monitoring). As far as possible, recommendations should be institution-specific (who should do what).
- **Implementation schedule and reporting procedures**
 - Timing, frequency, and duration of the mitigation measures;
 - Procedures to report the progress and results of mitigation and monitoring measures.
- **Cost estimates**
 - Initial investment and recurring expenses for implementing all measures contained in the SESMP;
 - Where practicable, decisions regarding appropriate mitigation measures should be justified by an economic evaluation of potential environmental and social impacts.
- **Institutional Strengthening/Capacity Building**
 - Equipment requirements: Indicate type of equipment and number of units;
 - Training/study tours: Information should be provided regarding type of training, number to be trained, duration of the training, the organization providing the training, and costs.
- A **stakeholder consultation procedure** for the monitoring and evaluation mechanism.
- **Guidance and recommendations for project-level EIAs.**