**Annex 8.4**

**The format of Environmental and Social Impact Assessment studies/reports**

**Non-Technical Summary**

**Operational Framework**

**Operation Description**

**Description of Existing Environment**

* Climatic Conditions
* Geomorphology and Geology
* Land Use and Settlement Patterns
* Water resources
	+ Surface
	+ Groundwater
* Biological and Ecological Resources
	+ Key Flora and Fauna
	+ Protected, Listed or Endangered Species
	+ Habitats
	+ Ecosystem Issues
	+ Existing Environmental Pressures
* Landscape and Visual Issues
* Air Quality and Existing Emissions sources
* Noise and Vibration
* Social and Socio-economic issues
	+ Demography (population, trends, age/gender, migration)
	+ Social Composition (ethnicity, minority groups)
	+ Power Relationships and Governance Issues
	+ Conflict and Social Tension
	+ Land Ownership and Tenure
	+ Economic Activities
	+ Education
	+ Population Health Profile
	+ Gender Issues
	+ Vulnerable Groups
	+ Cultural Heritage
	+ Community Health, Safety and Security
* Occupational Health, Safety and Security
* Labor Issues and Working Conditions (as per ILO CLS)

**Potential Impacts**

* Local Impacts
* National Impacts
* Trans-boundary and Global Impacts

**Analysis of Alternatives**

**Characterization of Impacts and Issues**

* Pre-construction phase
* Construction
* Operation and Maintenance
* Decommissioning and Reinstatement

Environmental Impacts and Issues

* Pollution
* Biodiversity
* Sustainable Natural Resources Management
* Regional and Trans-boundary Impacts
* Greenhouse Gas Emissions
* Climate Change and Adaptation

Social Impacts and Issues

* Labor and Working Conditions
* Population movements
	+ Temporary or permanent acquisition of land, property, economic assests
	+ Migration into or out of the area
* Economic
	+ Impact on economic assets including land
	+ Loss of employment
	+ Employment creation, temporary or permanent
	+ Potential indirect employment creation
* Community health, safety and security
	+ Potential for increased incidence of contagious diseases
	+ Environmental conditions created by the Operation that may lead to deterioration in health
	+ The impact of the Operation on access to health care
* Education
	+ The impact of the Operation on access to education facilities
	+ Opportunities for education facilities to benefit from the Operation
* Social conflict
	+ Interests of different stakeholders
	+ Potential sources of conflict between different stakeholders
	+ Impact of the Operation on the distribution of resources
* Gender
	+ Men and women’s social and economic roles in the impacted area
	+ The impact of the Operation over these roles
	+ Arrangements for women’s consultation
	+ Opportunities for men and women to benefit from the Operation
* Indigenous Peoples

**Mitigation and Management of Impacts and Issues**

* Pre-construction phase
* Construction
* Operation and Maintenance
* Decommissioning and Reinstatement

**Residual Impacts and Risks**

* Environmental risks such as accidents and incidents
* Social risks
	+ Economic changes
	+ Political changes
	+ Unforeseen events
	+ Lack of skilled people

**Environmental and Social Opportunities for the Operation Enhancement**

Environment

* Habitat enhancement
* Site remediation and clean-up
* Energy and resource efficiency
* Cleaner production
* Institutional strengthening
* Capacity building

Social

* Temporary and permanent jobs within the Operation
* Opportunities for local sub-contractors
* Opportunities for local suppliers
* Improved housing when relocated
* Opportunities for learning

**Community Engagement**

* Identification of stakeholders
* Summary of consultation process
* Summary of comments and how they were taken into account

**Action Plans and Management Systems for Impact Prevention and Mitigation**

**Appendices**

* Names of experts responsible for ESIA preparation
* References and sources
* Records of public meetings and consultations
* Supporting technical data
* Photo log