**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