ESIA: Environmental and Social Impact Assessment
- Evaluate the potential environmental and social (including human rights) risks and opportunities
- A legal requirement for approval of the project
- Design measures to avoid, mitigate and manage negative impacts
- Identify and enhance the positive impacts

Geophysical and Geotechnical Surveys
- thorough and comprehensive site investigation for design and construction

FEED: Front End Engineering Design
- focuses the technical requirements as well as rough investment cost for the project