Figure 3.1: Project Cycle of A Typical POWERGRID Project

1. **Project Conceptualisation**
   - Project identification
   - Feasibility studies
   - Primary approvals from internal management

2. **Project Planning**
   - Reconnaissance & preliminary surveys
   - Environmental assessment and management planning

3. **Approvals & Clearances**
   - Respective Standing Committee's RPC clearance
   - Financial Appraisal by External Agency, if applicable
   - Recommendations of CoD
   - Approval from Board of Directors
   - Forest/Environment Clearance

4. **Detailed Design & Tendering**
   - Detailed survey to freeze route alignment and tower points
   - Social Assessment and management plans
   - Design, estimates, and finalisation of specifications
   - Tendering and award of contracts

5. **Project Implementation**
   - Check surveys
   - Execution of EAMP and SAMP
   - Tower erection and stringing
   - Substation construction
   - Testing and commissioning

6. **Operation & Maintenance**
   - Grid operations
   - Preventive maintenance

7. **Project Review**
   - Monitor Project work
   - Review performance of Project

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To save time, these activities are advanced and undertaken in parallel to Project Investment Approval process.
Figure 5.1: Environmental And Social Management Procedure

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