POST-ESIA LICENSING COMPLIANCE MONITORING FOR MINING SECTOR

CASE STUDY

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Introduction

• Mining project is usually a very degradative activity with serious adverse environmental and social impact





Introduction

- ESIA provides opportunity to assess the impacts and give mitigation measures
- Therefore there is need for post-licensing compliance monitoring to ensure implementation of the mitigation measure





Regulatory Framework

- In Kenya ESIA is governed by the Environmental and Coordination Act, 1999 (EMCA) and the EIA/Audit Regulation of 2003
- **PRINCA** gives the National Environment Management Authority (NEMA) the mandate to administer the ESIA process
 The success of the ESIA process is the compliance with
- **EIA Conditions**
- Failure to comply attracts legal consequences which include, project stoppage, restoration orders, prosecution

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Dverview Base Titanium Mining Project

- Initiated in 2001 before any legal framework
- projects and utilities under the 2003
 EIA/audit regulations
 - Undertakes mining of three minerals, rutile, ilmenite and zircon in Kwale
 County, Coastal region

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- Commitment to adhere to EMP
- Compliance to submission of annual audit
- Compliance to relevant laws, regulations and guidelines
- contompliance with improvement orders
- Compliance to;
 - Water quality and quantity
 - Radioactivity
 - Occupational healthy and safety
 - Biodiversity na 2023
 - Ship loading and infrastructure
 - Rehabilitation of mined and affected areas





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Objective of compliance monitoring

- Ensure adherence to ASIA conditions
- Minimize negative environmental copyright Robin mpacts
 - Protect Biodiversity and ecosystems
 - Evaluate and enhance social responsibility



Monitoring parameters

- Air Quality
- Water Quality

 COPY I Ship Soil and Land Use

 - Biodiversity and Habitat Preservation



Monitoring methods

- On-site inspections by NEMA inspectors
- Stakeholder Engagement

 COPY Community Feedback Mechanisms through incident reporting
 - Audit reports

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Success Stories and Lessons Learned

- The only project that has paid the environmental Deposit Bond without the relevant legislative framework
- Periodic compliance Reports
- Documentation of corrective Actions
- Transparency and Accountability of project operations
- Simultaneities concept in mining project management

Lessons

- Proactive engagement with the Regulatory Authority to clarify regulatory requirements before hand- Pre-Application Consultations (PAC).
- Copyright Compliance with statutory requirements Design Phase,
 Construction phase, Operational phase and decommissioning phase
 - phase
 Self- Regulation being proactive toopmeet the compliance requirements using the international standards
 - Adequate, meaningful and inclusive PAP and/or stakeholders engagement/involvement
 - Negotiate Compliance (Where applicable)
 - Compliance Assistance Programme -

Challenges

- Political interest and interference in compliance monitoring
- COPY OF RECORD LEVELS of community literacy
 - Limited skills and equipment by environmental inspectors in monitoring mining activities
 - Lack of enactment of Deposit Bond legislation

Benefits of compliance monitoring

- The company has spent a colossal amount of money in mitigation thus promising long-term Environmental Sustainability
 - Positive Community Relations has been fostered
 - Regulatory Compliance and Risk Mitigation

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