ESHIA Hindcast Assessments add value to Strategic Impact Assessment

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Outline

• Strategic Impact Assessment (SIA) process
• What are Hindcast Assessments
• Outcomes achieved from Hindcast Assessments
• Application to SIA
Strategic Impact Assessment process

Hierarchy

- Strategic Assessments
- Regional / Sectoral
- Project or Development
- Activity

Life cycle approach

Definition / Process / Scoping

Issue/s / Objectives / Opportunity

Feedback / Outcomes

Inputs

Assessment

Strategy
ESH Impact Assessment process

- **Project**
- **Scoping**
- **Monitoring / Hindcast Assessment**
- **ESH management plan / guidance /regulation**
- **Assessment**
- **Data collection and consultation**

**Life cycle approach**

- Define Process / Scoping
- Inputs
- Assessment
- Feedback / Outcomes
- Issues / Objectives / Opportunity
- Data collection and consultation
What is / are Hindcast or “Look Back” Assessments? and what are some of the outcomes or products from such Assessments?

- Assess effectiveness of ESHIA / ESH Management Plan, systems, processes
- Identify benefits, missed “opportunities”, lessons learned
- Capture & disseminate best practices / lessons learned
- Validate / improve risk identification, assessment & management

- Periodically undertaken
- Communicate broadly
Case study: Offshore Angola Hydrocarbon
Case study: Chad / Cameroon Hydrocarbon
Outcomes / Benefits of Hindcasts

• Characterisation of settings / confirmation of Aspects
• Understanding and magnitude of impacts
• Avoidance of impacts
• Prioritisation of risks (social, environmental, health)
• Adjusting monitoring programs
• Costs / savings
• Enhanced ESH risk identification, management & outcomes
• Improved ESH performance and sustainability
## Application to Strategic Assessment

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<th>Angola</th>
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<th>SIA</th>
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<td>Enhanced Stakeholder engagement</td>
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Outcomes

• Approach expanded to other hydrocarbon activities (exploration, development, production & decommissioning)
• Look for opportunity to integrate with Strategic Impact Assessment
  • Contribute to [more] sustainable outcomes
  • Identify missed opportunities
  • Maximise value of environmental monitoring and data
• Enhance EHS risk identification & management
• Build trust and improve communication with stakeholders
Reference