IAIA
Symposium on Biodiversity and Ecosystems Services in Impact Assessment
Panel: Biodiversity and Ecosystems Services in Energy
“Challenges for Integrated Environmental and Social Management Systems”

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Overview

Integrating Environmental and Social Factors

Managing the Process

Defining the Issues

Challenges for Coordination and Risk Management
Social Management System

- Objectives, policies, plans, programs and procedures
- Organizational structure and role assignment
- Tools and Procedures for monitoring and evaluation
- Coordination structure and decision making
# Functions and Tools

<table>
<thead>
<tr>
<th>Processes</th>
<th>Tools</th>
<th>Main Components</th>
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<tbody>
<tr>
<td>Diagnosis and inputs for decision making</td>
<td>Social Baselines</td>
<td>Corporate Policies of Sustainability and CSR</td>
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<td>Social Impact Assessments</td>
<td>Strategic objectives and guidelines of Social Management</td>
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<td>Social Risk Analysis</td>
<td>Standardized programs and procedures of CR</td>
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<td>Stakeholders Mapping</td>
<td>Stages, outcome and impact indicators, targets</td>
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<td>Planning and Coordination of Community Relations</td>
<td>Strategic Plans for Community Relations</td>
<td>Project-specific objectives and main activities of each program</td>
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<td>Operational Plans for CR</td>
<td>Timetables, goals, budgets and distribution of tasks and activities</td>
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<td>Management of Community Relations</td>
<td>Tools and Management Integration</td>
<td>Functions and organizational structure</td>
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<td>Coordination mechanisms and responsibilities (vertical-horizontal alignment and Management Integration)</td>
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<td>Tools and Mechanisms of monitoring and evaluation</td>
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Stakeholder Identification

Community C
- Tnte. gobernador
- Agente municipal
- docentes
- Comité de desarrollo local
- comités de regantes
- pequeños propietarios de terrenos superficiales
- CODECO Comité de Desarrollo Comunal
- Ronda campesina
Metodología

Crossing Variables:
- Level of importance: interest v power
- Perception of impact v Level of importance
Example: Exploration Target 1
Biodiversity and Ecosystems Services

Stakeholders

- Direct & Indirect Areas of Influence
- Natural Resources Use
  - (forest, soil, water, wildlife, air quality)
- Tenure
  - (legal, customary possession, nomadic)
- Access
  - (transportation, hunting, cultivation)
- Culture
  - (knowledge and capacity; indigenous community)
## Community Relations Strategy

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<th>Objective</th>
<th>Strategic Baselines</th>
<th>Programs</th>
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<td><strong>Consolidate a social climate of peace, equality, dialogue and appropriate cooperation for an optimal mining operation and expansion contributing to local development and quality of life improvement of the populations of their area of influence</strong></td>
<td><strong>Prevention and management of social impacts</strong>&lt;br&gt;Minimize, prevent and effectively manage the potential conflicts and possible negative social impacts generated as a result of the presence and activity of the company in the area</td>
<td><strong>Land Acquisition</strong></td>
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<td><strong>Generation of local benefits</strong>&lt;br&gt;Maximize opportunities for sustainable development of local populations and families that are generated as a result of the presence and activity of the company in the area</td>
<td><strong>Grievance and Dispute Resolution</strong></td>
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<td><strong>Confidence-Building</strong>&lt;br&gt;Develop relationships of respect, trust, reciprocity and cooperation between the company and the local communities</td>
<td><strong>Resettlement</strong></td>
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<td><strong>Information, Communication and Consultation</strong></td>
<td><strong>Local Employment</strong></td>
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<td><strong>Participatory social-environmental monitoring</strong></td>
<td><strong>Local Trade</strong></td>
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<td><strong>Social Investment and Sustainable Development</strong></td>
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Challenges for Coordination and Risk Management

- Alignment and Influence of Multiple Actors
  - Owner/Management
  - EPCM Contractors
  - Environmental and Social Teams
- Diverse & Potentially Conflicting Priorities
- Coordination and Risk Mechanisms
- Communications, Continuity and Follow-up Issues
- Dynamic Social and Political Context
THANK YOU