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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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www.s-c-g.net

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Overview



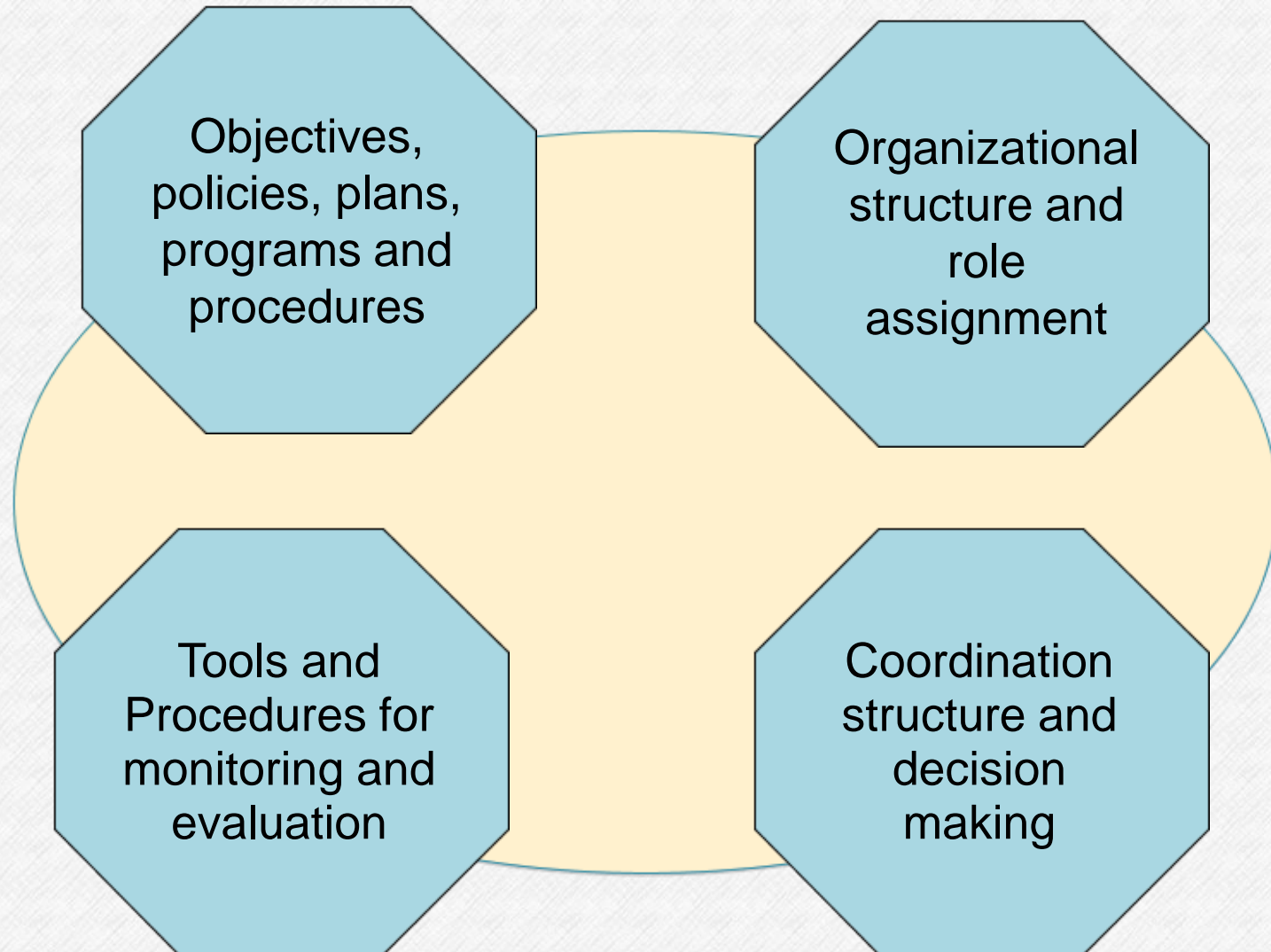
Integrating Environmental and Social Factors

Managing the Process

Defining the Issues

Challenges for Coordination and Risk Management

Social Management System



Management System Cycle

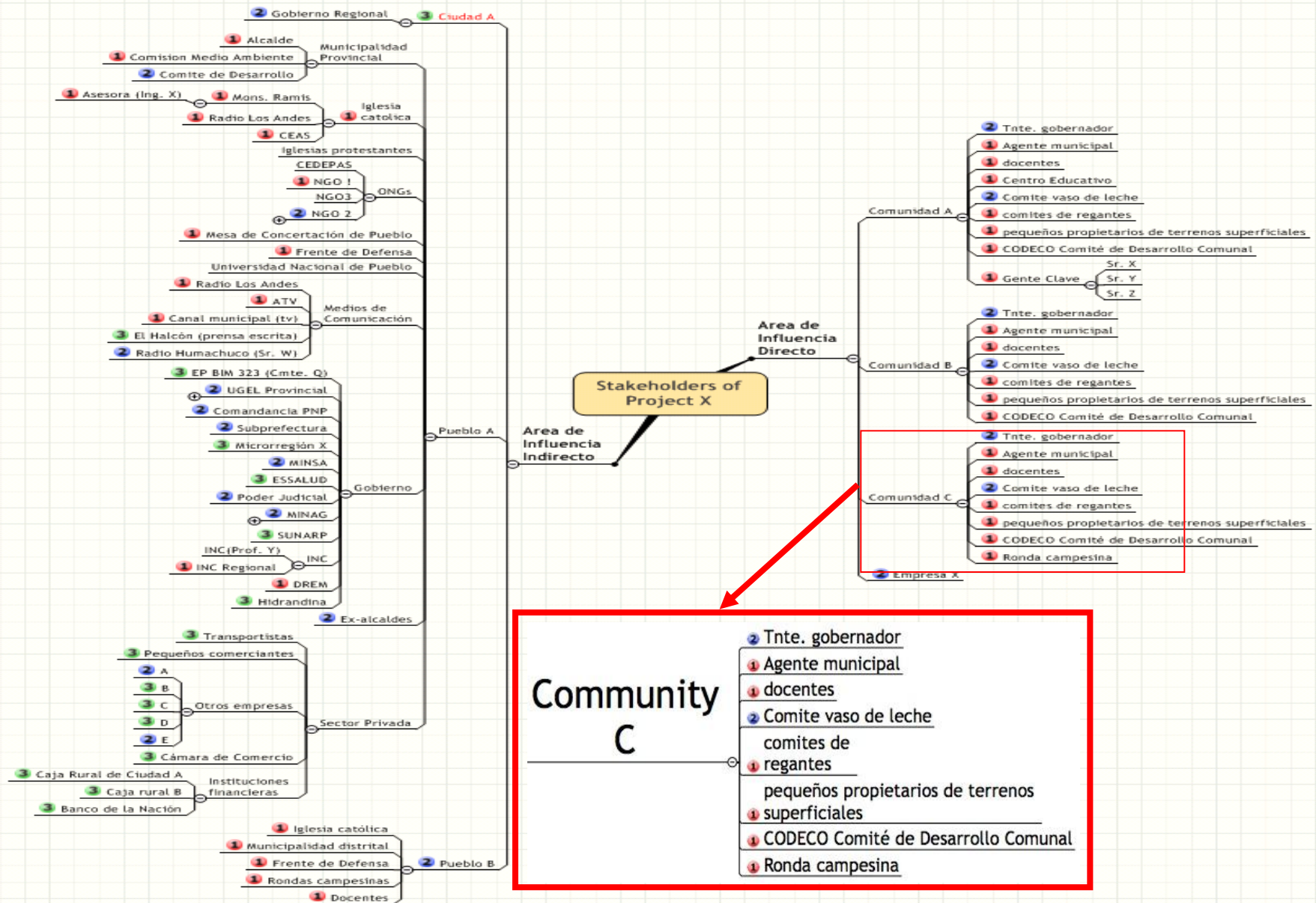


Functions and Tools

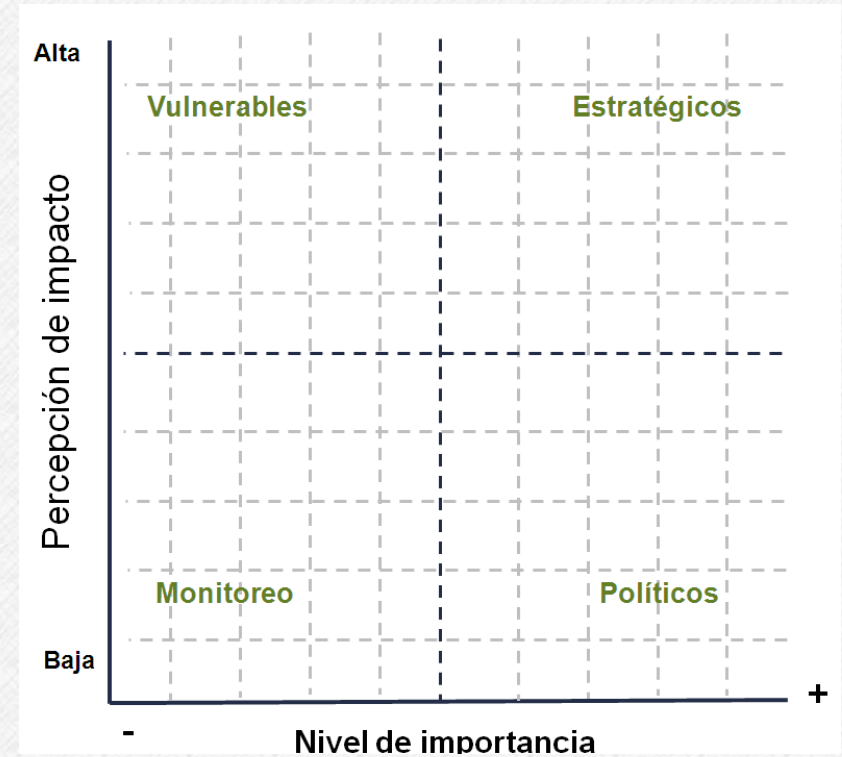
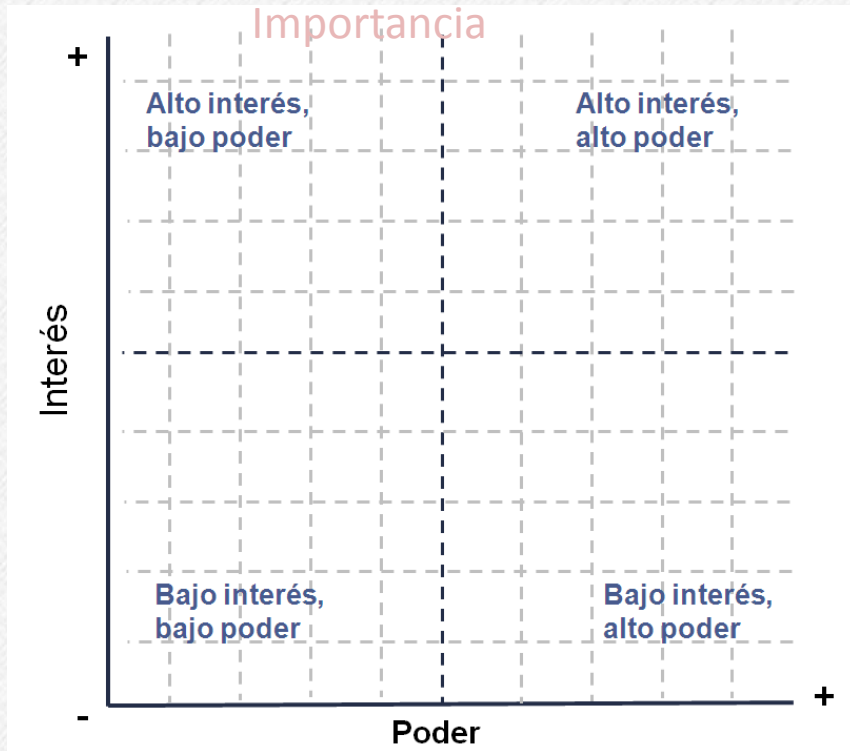


| Processes | Tools | Main Components |
|---|---|---|
| Diagnosis and inputs for decision making | Social Baselines | |
| | Social Impact Assessments | |
| | Social Risk Analysis | |
| | Stakeholders Mapping | |
| Planning and Coordination of Community Relations | Strategic Plans for Community Relations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

Stakeholder Identification



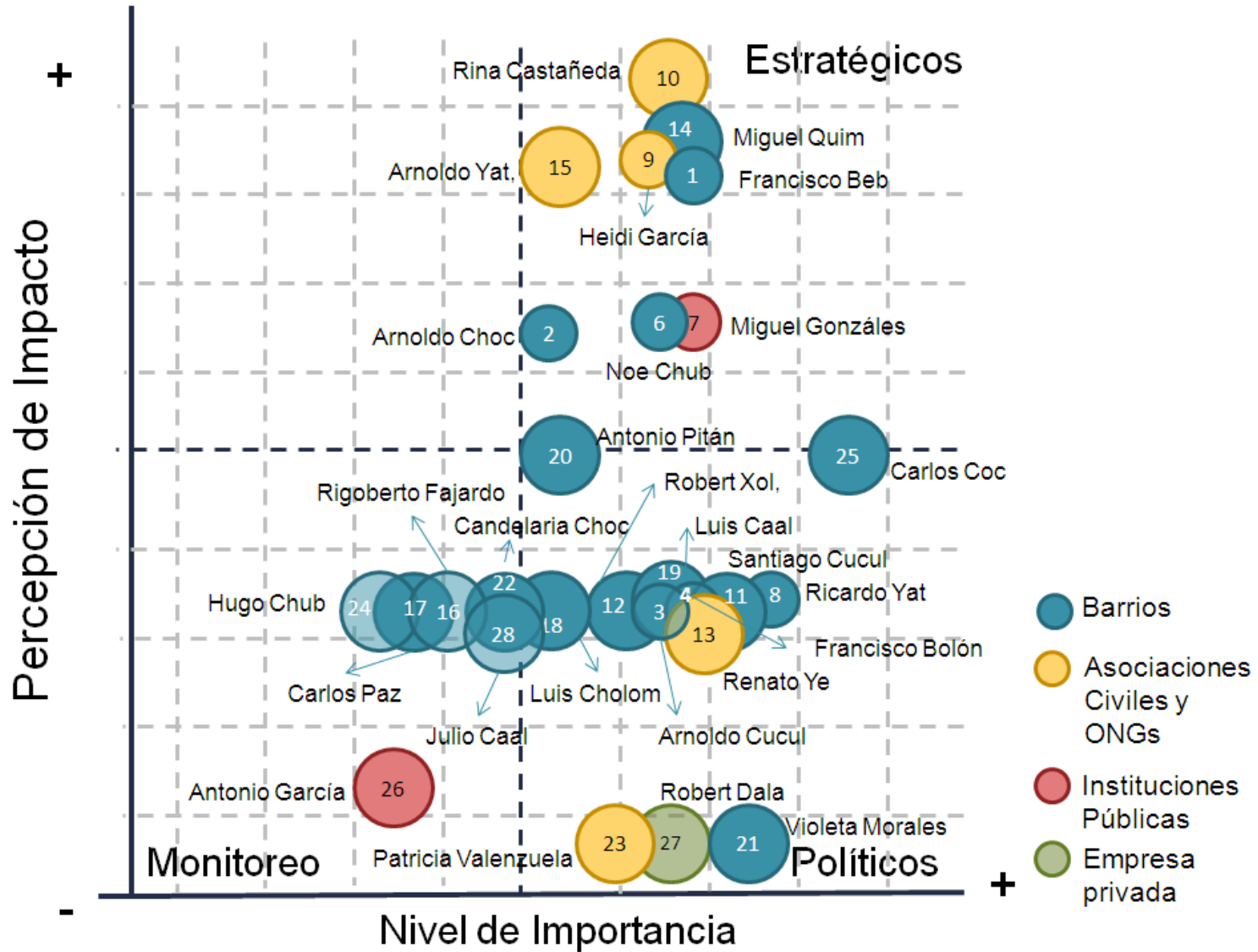
Metodología



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



| Objective | Strategic Baselines | Programs |
|---|--|---|
| <p>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</p> | <p>Prevention and management of social impacts</p> <p>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</p> | <p>Land Acquisition</p> |
| | <p>Generation of local benefits</p> <p>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</p> | <p>Grievance and Dispute Resolution</p> |
| | | <p>Resettlement</p> |
| | | <p>Local Employment</p> |
| | <p>Confidence-Building</p> <p>Develop relationships of respect, trust, reciprocity and cooperation between the company and the local communities</p> | <p>Local Trade</p> |
| | | <p>Social Investment and Sustainable Development</p> |
| | | <p>Information, Communication and Consultation</p> |
| | <p>Participatory social-environmental monitoring</p> | |

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

