LitoMX, Mexico

Assessing Environmental, Social, and Economic Impacts

RESOURCE MANAGEMENT WEEK 2024

UNECE
Scope

Upstream

Exploration

Mining

Manufacturing

Downstream
Social & Environmental Legal Framework

[Mining industry in México]

- **Legal**
  - Mining Law [May-2023]
  - April-2022
  - June-2006
  - December-1996
  - June-1992

- **Environmental**
  - The granting of concessions is prohibited in protected natural areas or where the population is at risk, as well as in areas without water availability.
  - Under the new regulation, prior national water concessions must apply for a change of industrial use to regularize their mining status.

- **Social**
  - Lithium is declared of public utility, no concessions, licenses, contracts or permits are granted.
  - The lithium value chain is the duty of the Mexican state to protect and guarantee the health of Mexicans and the rights of indigenous peoples, indigenous communities and Afro-Americans.
  - Prior and culturally appropriate consultation with indigenous or Afro-Mexican peoples will be requested before granting mining concessions, seeking their consent and complying with regulations.

- **Regulations**
  - General Law of Ecological Balance and Environmental Protection
  - General Law for the Prevention and Integral waste management
  - General Law on Climate Change
  - General Law for Sustainable Forestry Development
Built a new era of the mining industry in México
Sustainable Lithium Mining Industry

- Change the paradigm of resource management in México (Lithium Mining).
- The requirements of sustainable development are primarily dependent on the optimal and responsible use of natural resources.
- Inclusive development of the industry.
- Long-term policies for resilience.
- Alignment to Sustainable Development Goals.
Lithium Mining Pilot Test in México

Main activities and objectives

- Select candidate mining areas in México
- Apply UNFC and UNRMS.
- Mapping the Lithium mining industry in México to the Sustainable Development Goals.
- Collaboration with another UN-agencies (ECLAC, UNDP, UN-Woman, UNIDO)
- Platform to make decisions in lithium mining and/or regulatory policy.
- Multi-Stakeholder dialogue and collaboration (Governments, Companies, Financial Institutions, International Organizations).
- Share our experience through an International Center of Excellence.

Sustainable Development Goals

UNRMS – UNFC Resource Management

Sectoral Management (Mining)

- Principles
- Generic Specifications
- Environmental and Social Guidelines
- Best Practices
- Competent Persons
- Public disclosure Code
- Partnership
UNFC & UNRMS: Traceability to SDG’s

United Nations Framework Classification for Resources (UNFC)

United Nations Resource Management System (UNRMS)

UNFC
United Nations Framework Classification

UNRMS
United Nations Resources Management System
Sustainable Resource Management - UNFC-UNRMS from the exploration until the abandonment

**Industry operations**

- Exploration
- Conceptual Study
- Pre-feasibility
- Feasibility study
- Pre-planning and design
- Construction
- Operation
- Abandonment

**UNFC - Value Chain**

- Exploration: Project E3 F504
- Potentially commercial project: Containing categories E2 and/or E2/2/4/1/3
- Commercial project: E2/2/4/1/3

**Present:** Planning our Sustainable Resources Management

**Future:** Sustainable Resources Management
UNRMS: Traceability to SDG’s
UNRMS: Traceability to SDG’s
Thank you!

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THE VIEWS EXPRESSED ARE THOSE OF [AUTHOR NAME AND/OR ORG] AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE UNITED NATIONS.

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2024