



LitoMX, Mexico

Assessing Environmental, Social, and Economic Impacts



**RESOURCE MANAGEMENT WEEK
2024**

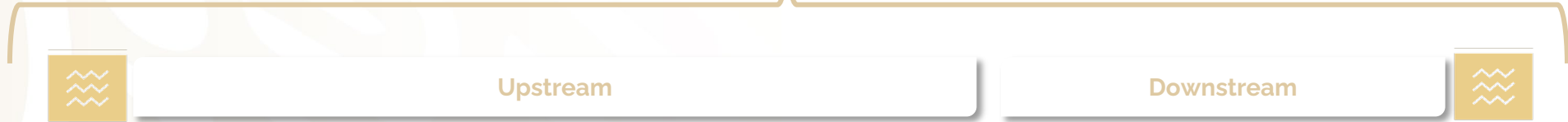


UNECE

Timeline



Scope



Social & Environmental Legal Framework

[Mining industry in México]



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.



Legal

Mining Law
[May-2023]

- April-2022
- June-2006
- December-1996
- June-1992

- 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



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.



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

Principles

Generic Specifications

Environmental and Social Guidelines

Sectoral Management (Mining)

Specifications and Guidelines

Best Practices

Competent Persons

Public disclosure Code

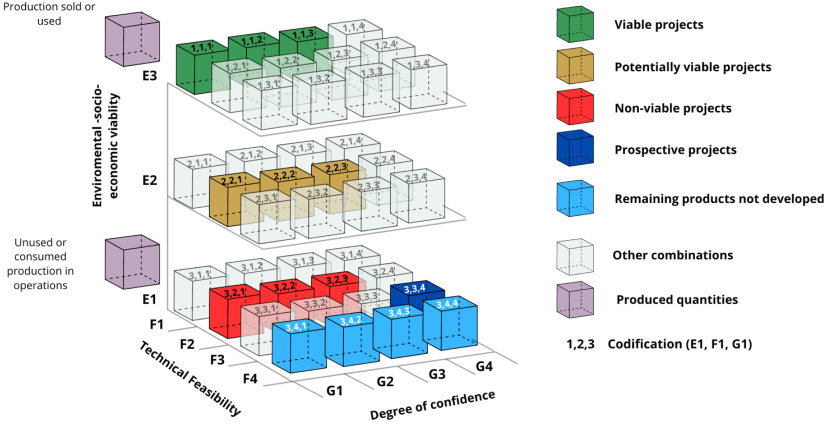
Partnership



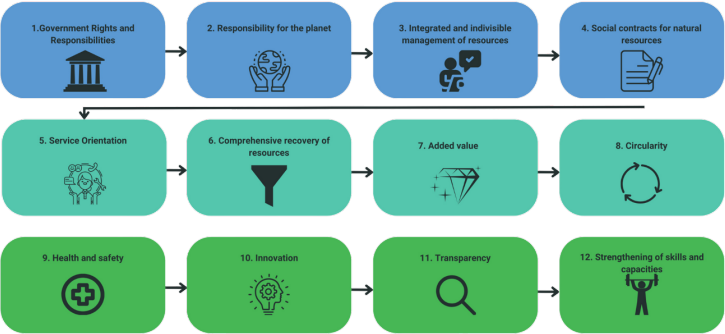
UNFC & UNRMS: Traceability to SDG's



United Nations Framework Classification for Resources (UNFC)



United Nations Resource Management System (UNRMS)



UNFC
United Nations Framework
Classification

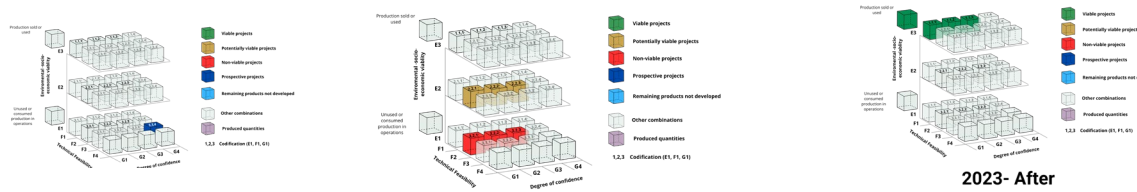
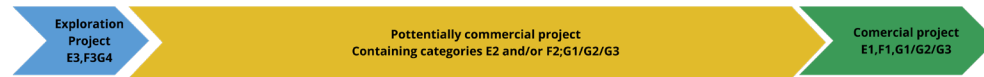
UNRMS
United Nations Resources Management
System

Sustainable Resource Management- UNFC-UNRMS from the exploration until the abandonment

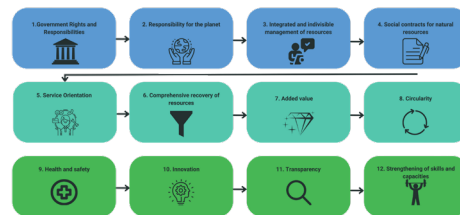
Industry operations



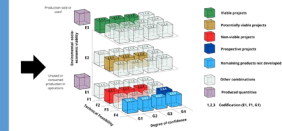
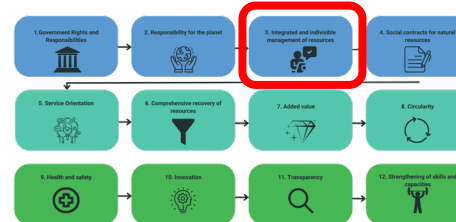
UNFC - Value Chain



United Nations Resource Management System (UNRMS)



United Nations Resource Management System (UNRMS)



Present: Planing our Sustainable Resources Management

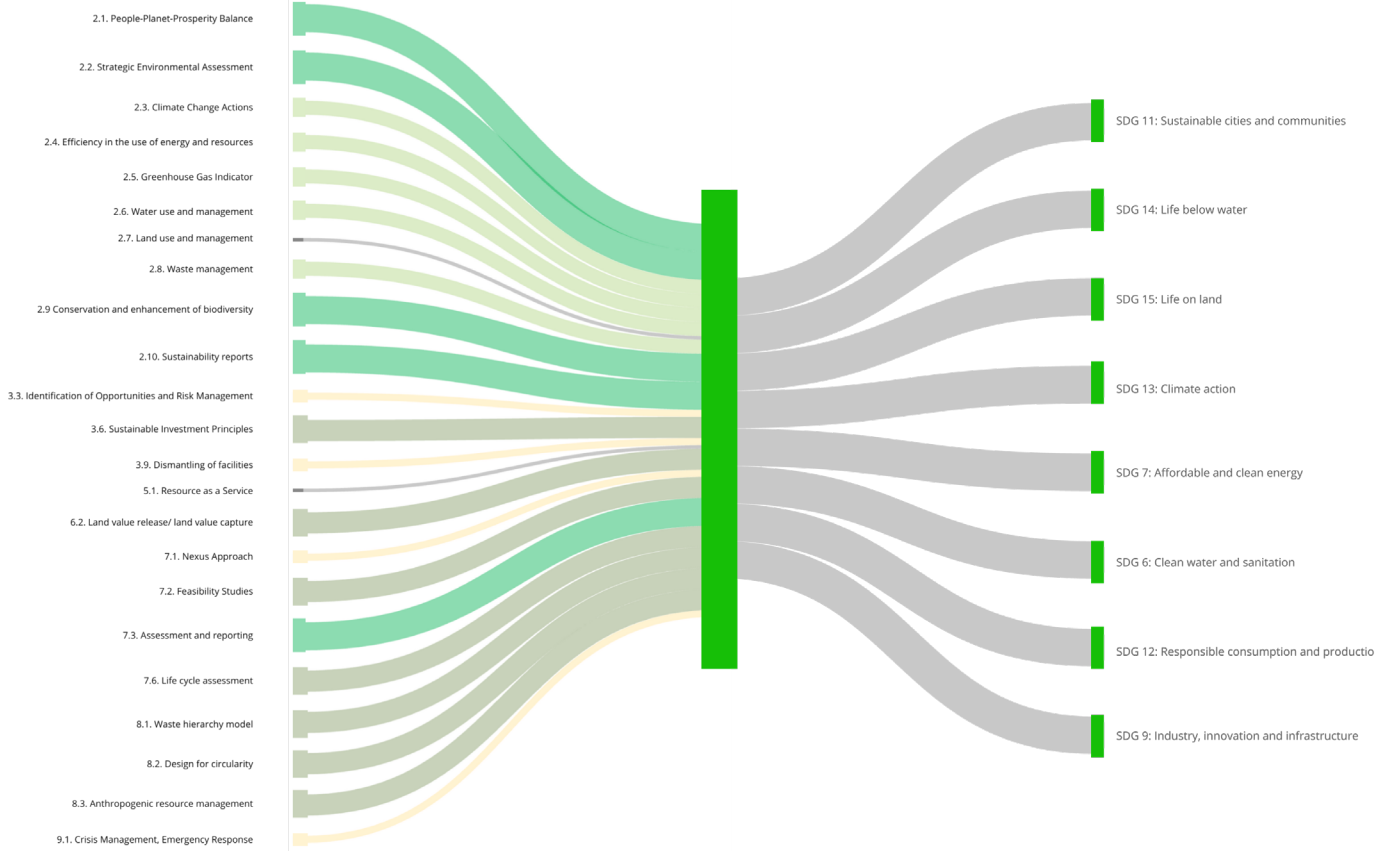
Future: Sustainable Resources Management

UNRMS: Traceability to SDG's



Environmental

illustrative

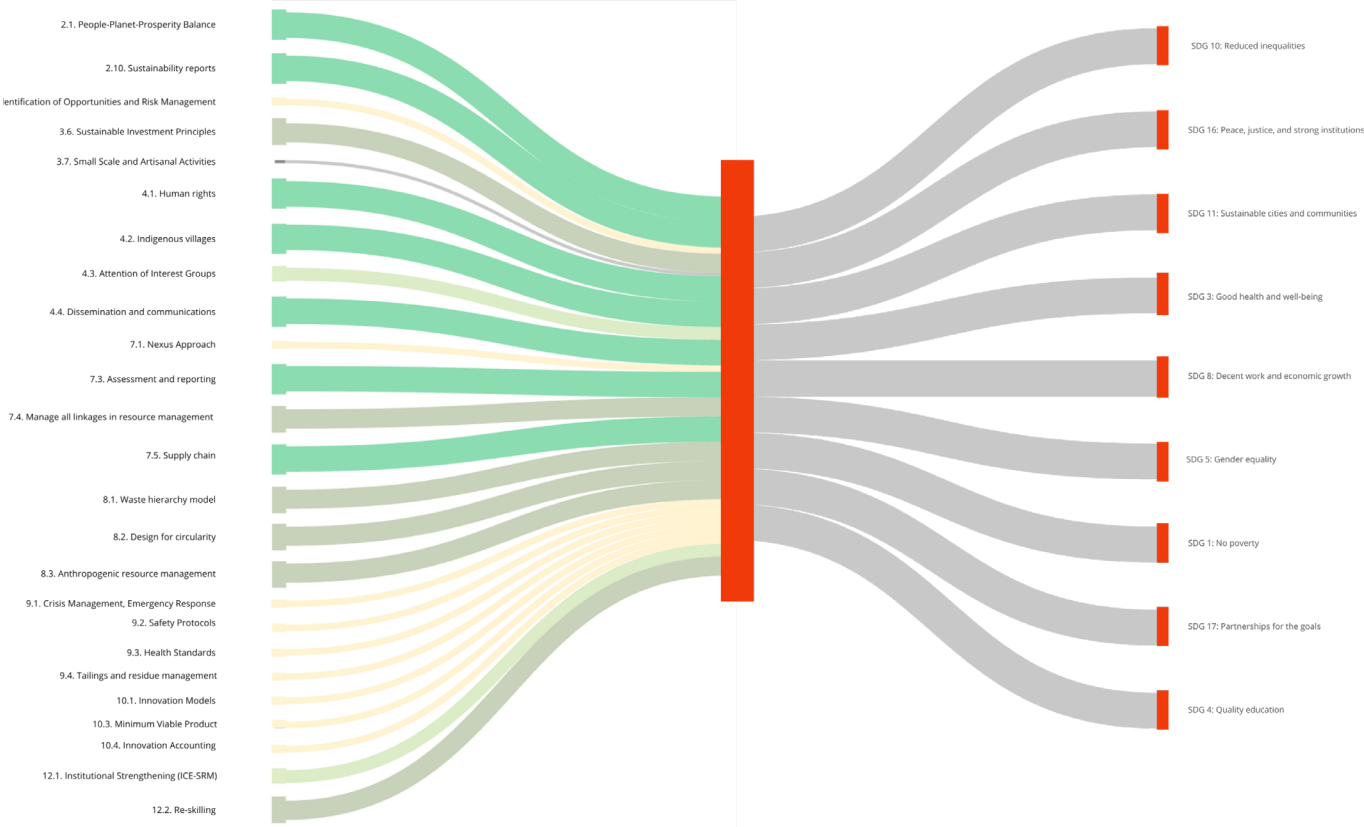


UNRMS: Traceability to SDG's



Social

illustrative



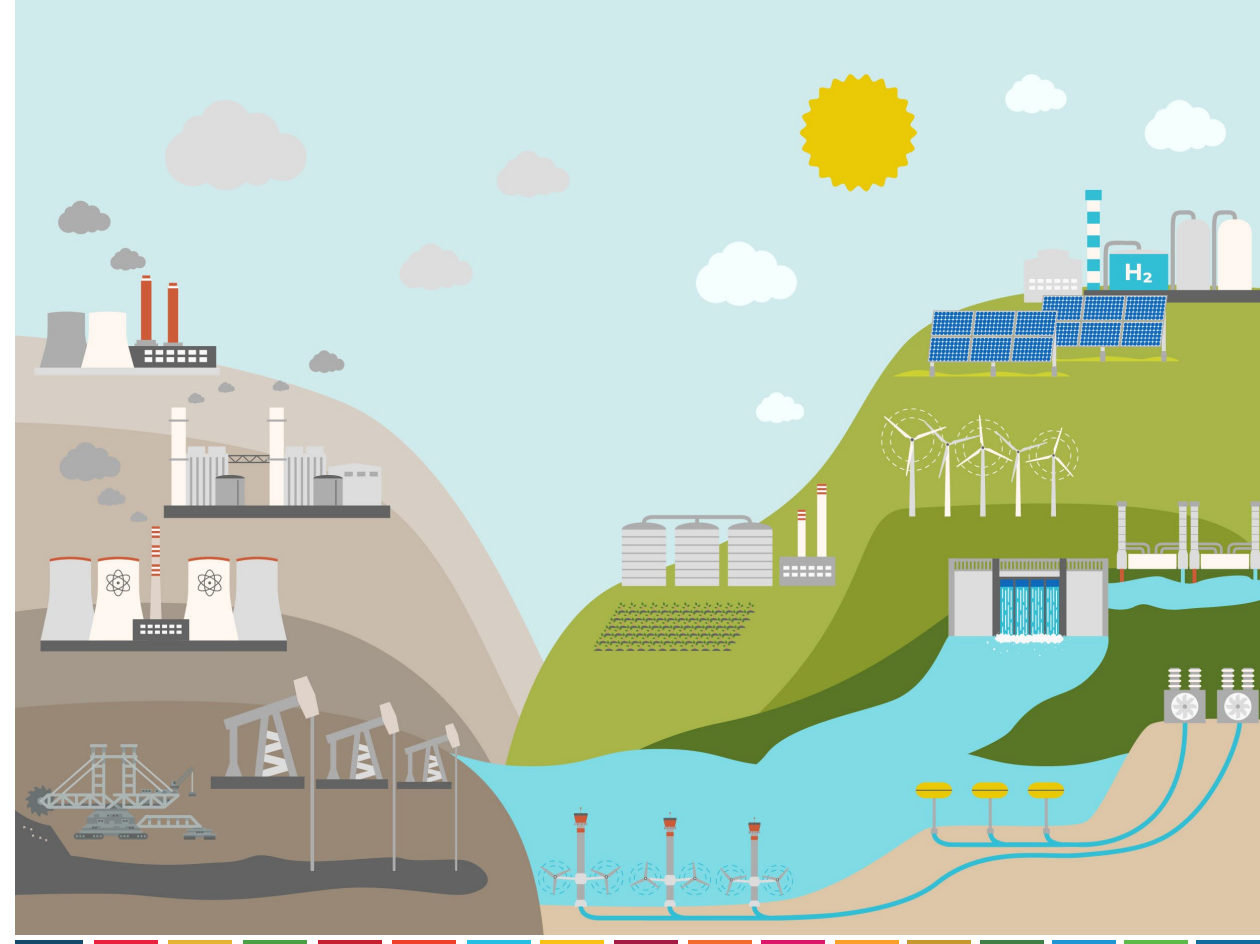
THE VIEWS EXPRESSED ARE THOSE OF [AUTHOR NAME AND/OR ORG] AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE UNITED NATIONS.

Thank you!

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Date 23 | 04 | 2024, Geneva



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