



## **The role of UNFC to build a new perspective for sustainability in the extractive industries and the energy sector in Latin America**

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## **RESOURCE MANAGEMENT WEEK 2023**

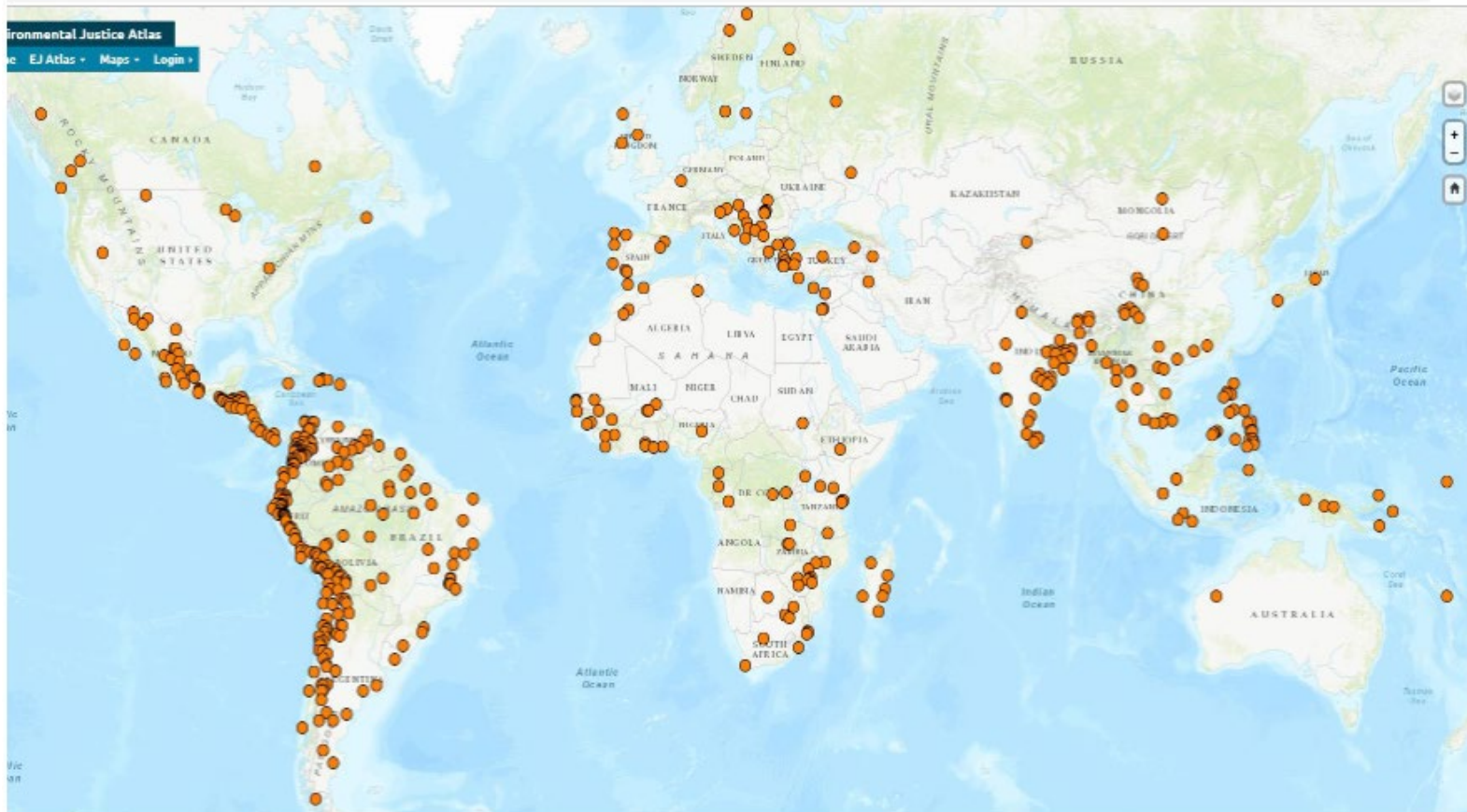
### **ASSURING SUSTAINABILITY IN RESOURCE**

### **MANAGEMENT**



# **UNECE**

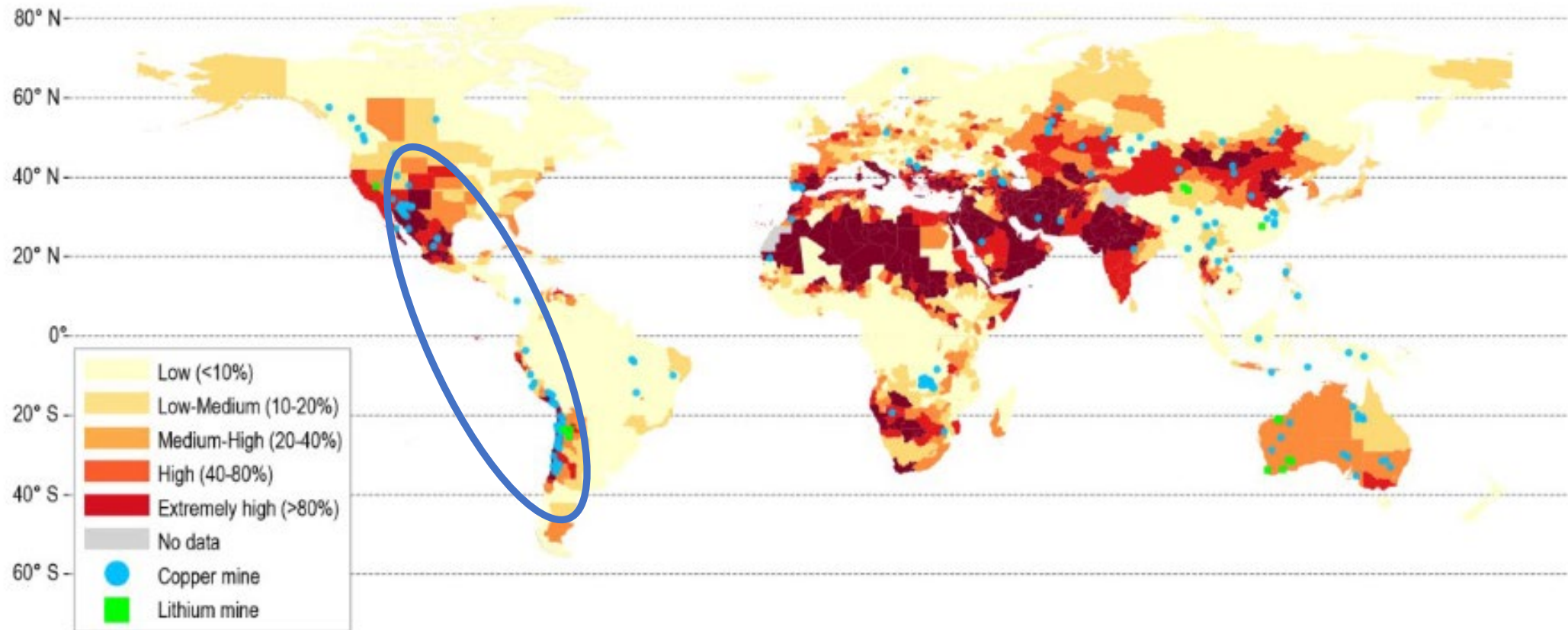
# Latin America and Caribbean is the region with Socio-Environmental challenges in Extractive Industries



Fuente: Comisión Económica para América Latina y el Caribe (CEPAL), sobre la base Environmental Justice Atlas. En web: <https://ejatlas.org/>

# Water Stress is one of the main worries...

Location of copper and lithium mines and water stress levels, 2020



Fuente: Agencia Internacional de Energía y WRI

# Is possible address properly the expectations from the Stakeholders in Latin America : SDGs or ESG?

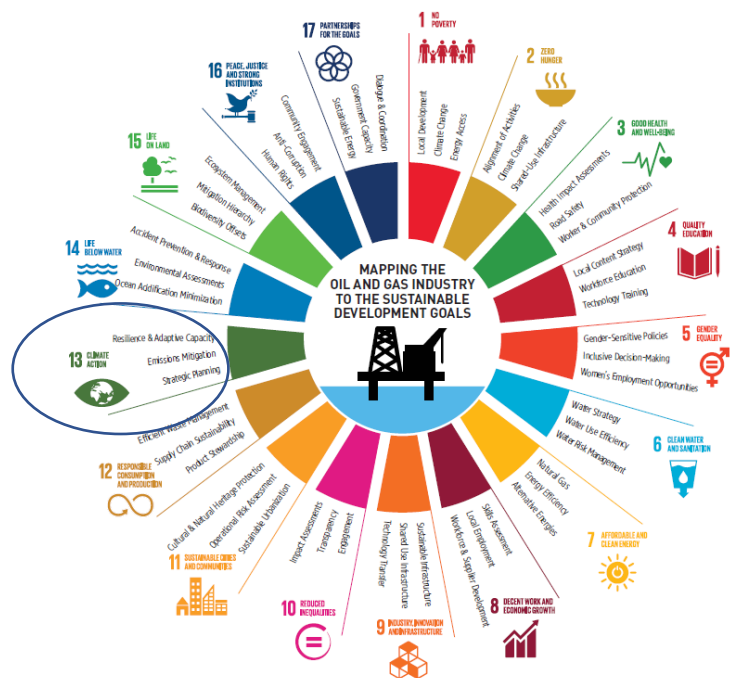
## Increasing Pressures

- **Social:**  
Demanding, especially young people.
- **Financial:**  
Investors associate with risk.
- **Politicians:**  
Sustainability, central campaign platform.





# Can the Extractive Industries and Energy Sector contribute to SDGs?



Source: UNDP, IPIECA, Columbia Center on Sustainable Investment, ICE-SRM Latin America

How can be fitted to the reality and priorities of the countries and beyond?  
How we are going to avoid the “Green and SDG washing?”  
Which tools can be used?



## Avoid marginal or fragmented impact on the SDGs

- Without indicators
- Random selection of the SDGs
- Non-Certified actions
- Decoupled of the economic and financial impacts objectives
- Decoupled of the expectation of the society, especially the local society.
- Beyond of the social responsibility and philanthropy



# The role of UNFC to build a new perspective for sustainability



## Extractive Industries Transition to Sustainable Systems



REGIONAL POLICY BRIEF



### TECHNOLOGY, INNOVATION, AND A CIRCULAR ECONOMY

13. **Lower barriers to trade and intellectual property, abolish protectionist policies, facilitate technology transfer and make available global data collection technologies,** including satellite imagery, to make sure all countries effectively combat climate change.

14. **Adopt policies that assess upstream and end-of-life impacts of clean technologies** to ensure that extractive industries adopt sustainable and responsible practices and circular business models to meet rising mineral demand.

15. **Implement a shared principles-based, integrated, sustainable resource management framework** using tools such as the existing United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) under development.

### REGIONAL AND GLOBAL COLLABORATION

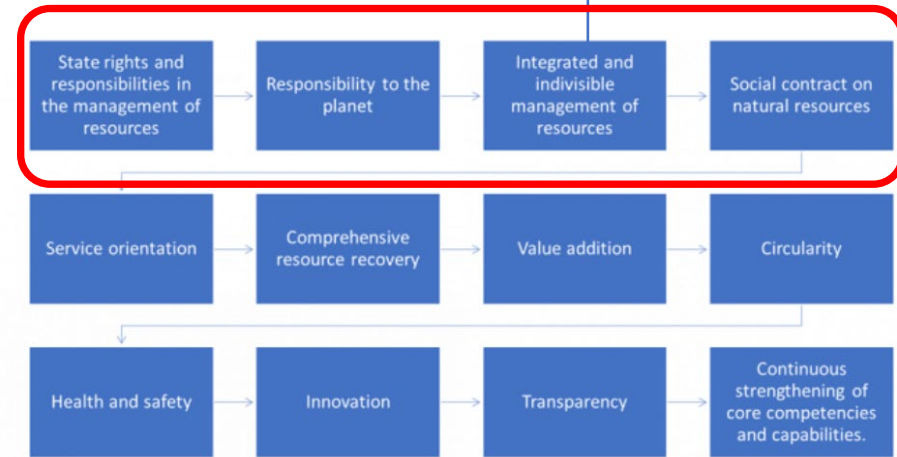
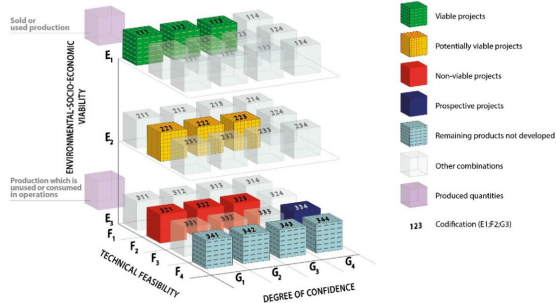
16. **Create or improve regional frameworks aligning extractive industries with the Sustainable Development Goals,** the Universal Declaration of Human Rights, the Convention on Biological Diversity, the Minamata Convention and the Paris Agreement. Adhere to and support the implementation of existing frameworks, such as the African Mining Vision (AMV) and the Escazú Agreement.

17. **Capitalize on United Nations Regional Economic Commissions to bolster regional coordination and policy dialogue** on extractive activities. Issues to be addressed include harmonizing the implementation of carbon pricing and border adjustments, developing a comprehensive framework for traceability and transparency in global value chains, illicit activities, cross-border conflicts and disputes, transparency on trade and financial flows, and strengthening extractive sector fiscal frameworks to encourage value addition and economic diversification.

# The role of UNFC and UNRMS to build a new perspective for sustainability in Latin America



FIGURE 1  
UNFC Categories and Examples of Classes

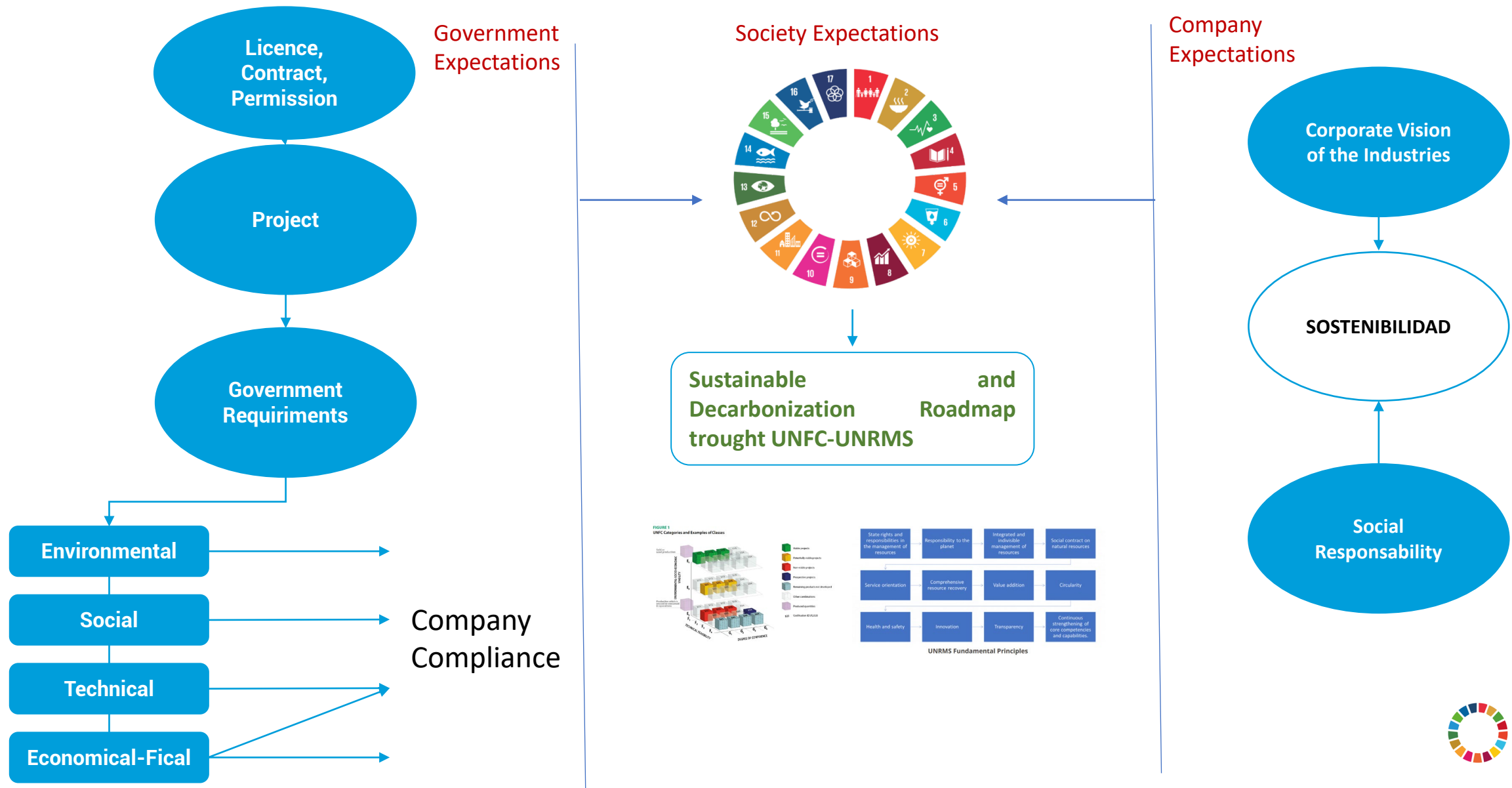


UNRMS Fundamental Principles

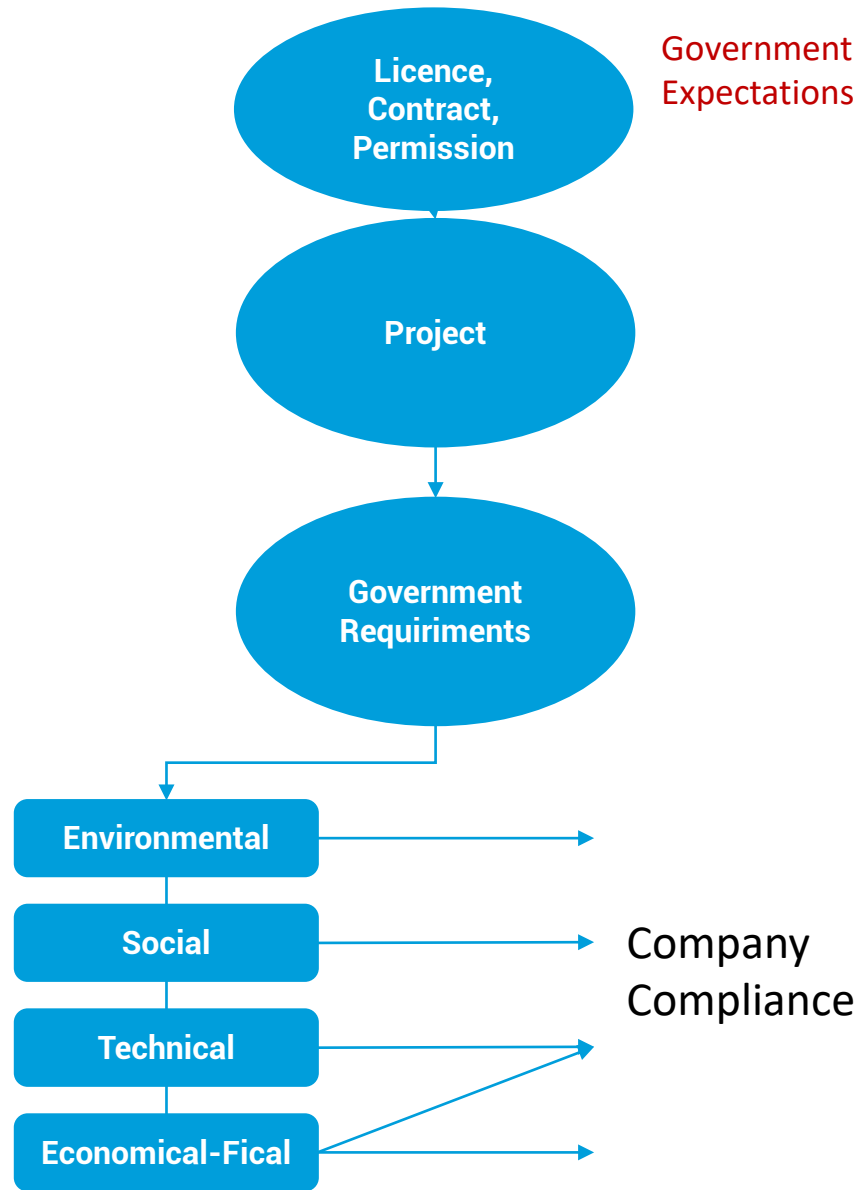




# UNFC and UNRMS – Tools to design a Decarbonization and Sustainable Roadmaps in the Extractive Industries and Energy Sector



# UNFC and UNRMS – Powerful tool to design a Decarbonization and Sustainable Roadmaps



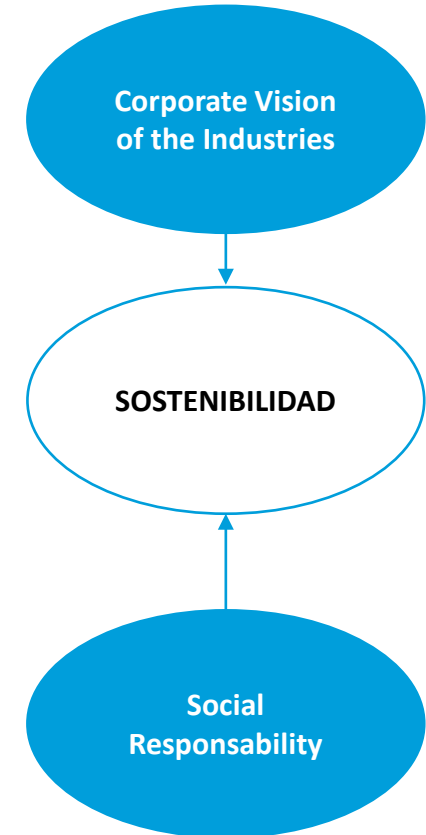
## Society Expectations



**Sustainable and Decarbonization Roadmap**  
trought UNFC-UNRMS



## Company Expectations



# How can be implemented UNFC and UNRMS to design a Roadmap



## 6. Corporate Reports

Corporate communication strategy and the materiality of commitments supported by specific indicators for the different stakeholders



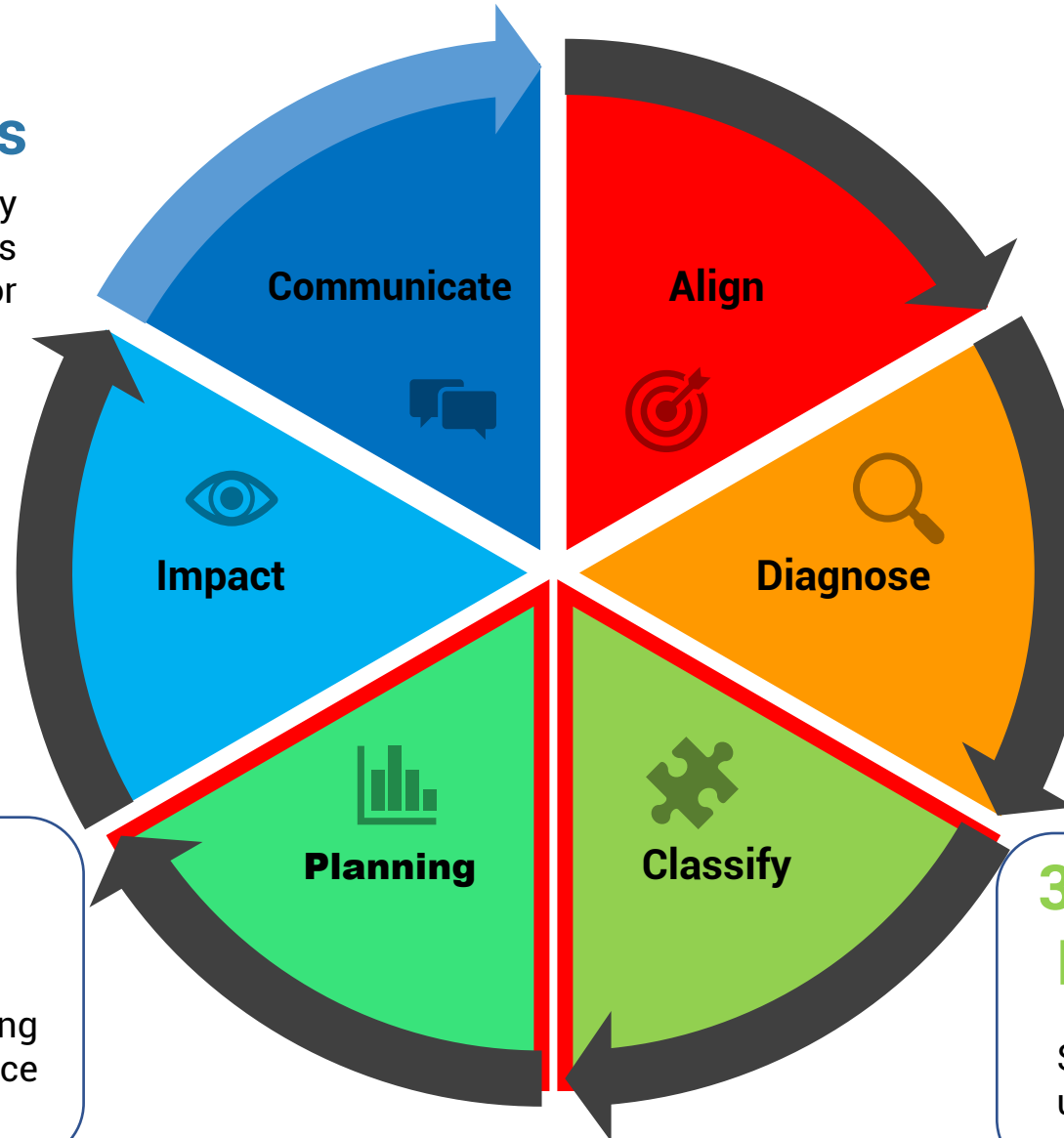
## 5. Sustainable Investment

Explicit and systematic inclusion of ESG factors in investment analysis and decisions that contribute to the **Sustainable Development Goals**



## 4. Management Strategy

Medium and long-term planning through the Sustainable Resource Management System **UNRMS**



## 1. UN 2030 Agenda

Current status of strategy, goals and actions promoted by the organization that contribute to the Sustainable Development Goals.

## 2. Governance Maturity

Analysis of the organization's maturity and gaps



## 3. Reference Framework



Status of Resources using the **UNFC**

# ICE-SRM Latin America



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## ICE-SRM



International Centres of Excellence on Sustainable Resource Management (ICE-SRM) are a collaborative network of organisations focused on supporting sustainable management of the resources needed for development in line with the 2030 Agenda for Sustainable Development and the Paris Climate Agreement. The Centres are conceived to provide – in full compliance with the adopted UNECE standards and guidelines – policy support, technical advice and consultation, education, training, dissemination, and other critical activities for stakeholders involved in sustainable development of national resource endowments.

### Mission

Each Centre will promote within its activity footprint the global deployment of the United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) to describe the resources needed for attainment of the 2030 Agenda for Sustainable Development and support their management.

[Criteria for ICE-SRM Designation and Terms of Reference for ICE-SRM<sup>1</sup>](#)



## International Centres of Excellence on Sustainable Resource Management (ICE-SRM)

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#### Criteria for ICE-SRM Designation

1. Committed to attaining the objectives of the UN to deploy UNFC and UNRMS, including research, technical advice, consultation and training thereon, education, advocacy, testing, dissemination, and definition of competence and certification.
2. Committed to active engagement across the network of International Centres of Excellence, ensuring consistency in application, by sharing of experience, and reporting on progress made.
3. Established as a going concern and a legal entity with strong relationships in the regional, national and local resource development community.
4. Must have regional, national and local political support and visibility.
5. Committed to the objectives of UNFC and UNRMS, as well as to the overall objectives of the implementation of the 2030 Agenda and the Paris Agreement. In this respect, committed to an agenda relevant to regional, national and local needs based on an agreed menu of activities and projects.



<sup>1</sup> Approved by the UNECE Expert Group on Resource Management at its Eleventh Session, 22-25 September 2020

The Centres are conceived to provide – **in full compliance with the adopted UNECE standards and guidelines** – policy support, technical advice and consultation, education, training, dissemination, and **other critical activities for stakeholders** involved in sustainable development of the natural resources and energy



# Thank you!

Name Surname

Position

**UNECE**

Date \_\_ | \_\_ | 2023, Geneva



## RESOURCE MANAGEMENT WEEK 2023

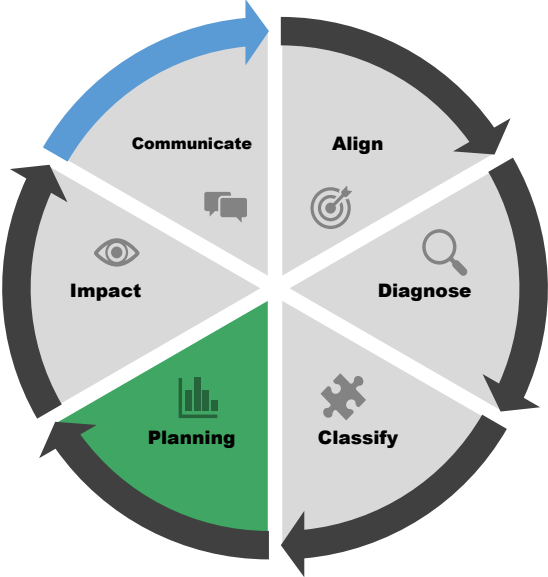
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# Develop Linkages – ESG-SDG- Central pillar is UNRMS



Factores ASG por Principio y ODS

