

## CREATION OF THE ASSET

## OPERATION AND MAINTENANCE OF ASSETS

### PLANNING

### CONSTRUCTION

### MANAGEMENT EMPHASIS

- Comprehensive assessment of environmental, social and property activities, aspects and impacts, and risks in CAPEX and OPEX

- Development of environmental studies
- Citizen participation and prior consultation

- Execution of the Environmental Management Plan
- Provision of information to communities, authorities, and other players

- Application of Environmental Management Systems (SGA) to ensure the management of risks and environmental impacts
- When applicable: Implementation of the asset renewal and final disposal strategy to avoid environmental and social liabilities

### ENVIRONMENTAL, SOCIAL (INCLUDING ARCHEOLOGY) AND PROPERTY PRACTICES.

Comprehensive management of environmental, social and property risks  
Data analytics - Efficient and effective management measures

- Analysis of environmental, social, property and technical constraints (ARPEX)
- Analysis of environmental restrictions (ARA)
- Establishment of the environmental licensing strategy
- Establishment of the property and social strategy
- Definition of the optimized layout based on environmental, social, property and technical criteria
- Design and implementation of Environmental Impact Studies (quality and opportunity)
- Compliance and Optimization of the Environmental Management Plan (includes mandatory social programs)
- Monitoring and control of environmental, social and property management objectives (scope, time, cost, quality and risks)
- Identification of impacts on communities and social risks
- Social initiatives aligned with Conexiones para el Desarrollo that contribute to the viability of the projects and the relationship with communities, seeking to generate capacities in the community ecosystem
- Actions to prevent encroachment and programs for coexistence with the line
- Monitoring of cost, risk and performance (CRD) for environmental, social and property matters of assets in operation and maintenance



## ASSET CREATION

## OPERATION AND MAINTENANCE OF ASSETS

### PLANNING

### CONSTRUCTION

### MANAGEMENT EMPHASIS

- **Comprehensive assessment** of activities, aspects, impacts, and environmental, social, and land-related risks in CAPEX and OPEX

- Formulation of **environmental studies**  
- **Citizen participation and prior consultation**

- Execution of the **Environmental Management Plan**  
- **Provision of information** to communities, authorities and other stakeholders

- Application of **Environmental Management Systems (EMS)** to ensure the management of environmental risks and impacts  
- When applicable: implementation of the **asset renewal and final disposal strategy** to avoid environmental and social liabilities

### ENVIRONMENTAL, SOCIAL (INCLUDING ARCHAEOLOGY), AND LAND PRACTICES

Integrated management of environmental, social, and land-related risks  
Data analytics – Efficient and effective management measures

- Analysis of environmental, social, land, and technical constraints (**ARPEX**)  
- Analysis of environmental constraints (**ARA**)

Establishment of the **environmental licensing strategy**  
Establishment of the land and **social strategy**

- **Definition of optimized routing based on** environmental, social, land, and technical criteria

- Design and implementation of **Environmental Impact Studies** (quality and timeliness)  
- Compliance with and optimization of the **Environmental Management Plan** (including mandatory social programs)  
- **Monitoring and control of objectives** (scope, time, cost, quality, and risks) of environmental, social, and land management  
- **Monitoring of cost, risk, and performance (CRP)** in environmental, social, and land aspects of assets in operation and maintenance  
- Identification of community impacts and social risks  
- Social initiatives aligned with "Connections for Development" that contribute to project viability and community engagement, aiming to build capacity within the community ecosystem  
- Actions to prevent invasions and programs for coexistence with the infrastructure

