



PROJECT: 0015 Water Management of Los Cabos, B.C.S. Integral Improvement

SECTOR:
Water and Environment

SUBSECTOR:
Water Management

STAGE ANALYZED:
Preinvestment

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 


Project's sustainability summary: The project seeks to increase the physical efficiency of the water supply infrastructure up to 75.0% and achieve continuity of the service 24 hours a day, seven days a week.



ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
 The project includes a detailed analysis on the maintenance and conservation of equipment in order to make optimal use of the assets and maximize their useful life.


Sustainability criteria	NA	T1	T2	T3
Economic and social returns		█	█	
Creation of employment opportunities and boost local productivity				
Financial sustainability of assets		█	█	
Detailed risk analysis		█	█	
Cash flow transparency and creditworthiness		█	█	
Infrastructure asset maintenance and optimal use		█	█	█
Sustainability incentives				



ENVIRONMENTAL SUSTAINABILITY AND CLIMATE RESILIENCE

EXAMPLE OF GOOD PRACTICES
 The project takes into account natural disasters, as force majeure risks, which could affect it. It also considers rescue and relocation measures of flora and fauna, once detected.


Sustainability criteria	NA	T1	T2	T3
Greenhouse gas emissions		█	█	
Climatic risks, resilience and disaster management		█	█	
Impacts on biodiversity and native flora and fauna in the region		█	█	█
Environmental impact of the project		█	█	
Control and monitoring of pollutants				
Efficient use of resources and recycling strategies				
Efficient use of energy and renewable sources		█		
Preservation or enhancement of public spaces				



SOCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
 The project guarantees continued access to water services and its quality at the sites of consumption through a monthly sampling strategy.

Sustainability criteria	NA	T1	T2	T3
Reduction of poverty and access to basic services		█	█	█
Integration of communities and other interested parties				
Integration of people with disabilities or special needs				
Effects of the project in the security of the region and in the health of workers and nearby communities		█	█	█
Compliance with human and labor rights		█		
Cultural heritage and indigenous people				
Gender inclusion and women's economic empowerment through the project				
Equal distribution of benefits and compensations to communities		█	█	



INSTITUTIONAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
 The new telemetry system seeks to restore transparency and anti-corruption conducts in measuring the use of water, as well as to obtain real-time information for decision-making.

Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies		█	█	
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency and anti-corruption protocols		█		
Legal requirements and compliance with social and environmental policies		█	█	
Development of more sustainable technologies and capacities		█		
Pre-existing conditions and their monitoring				

Source of this project: / Cost-Benefit Analysis / Feasibilities / Expert Opinion



Comparison of this project vs other projects of the same subsector

(Number of projects included: 1)



Methodological framework defined by the Inter-American Development Bank (IDB)

[View](#)



PROJECT: 0015 Water Management of Los Cabos, B.C.S. Integral Improvement

SECTOR:
Water and Environment

SUBSECTOR:
Water Management

STAGE ANALYZED:
Preinvestment

YEAR OF UPDATE:
2020

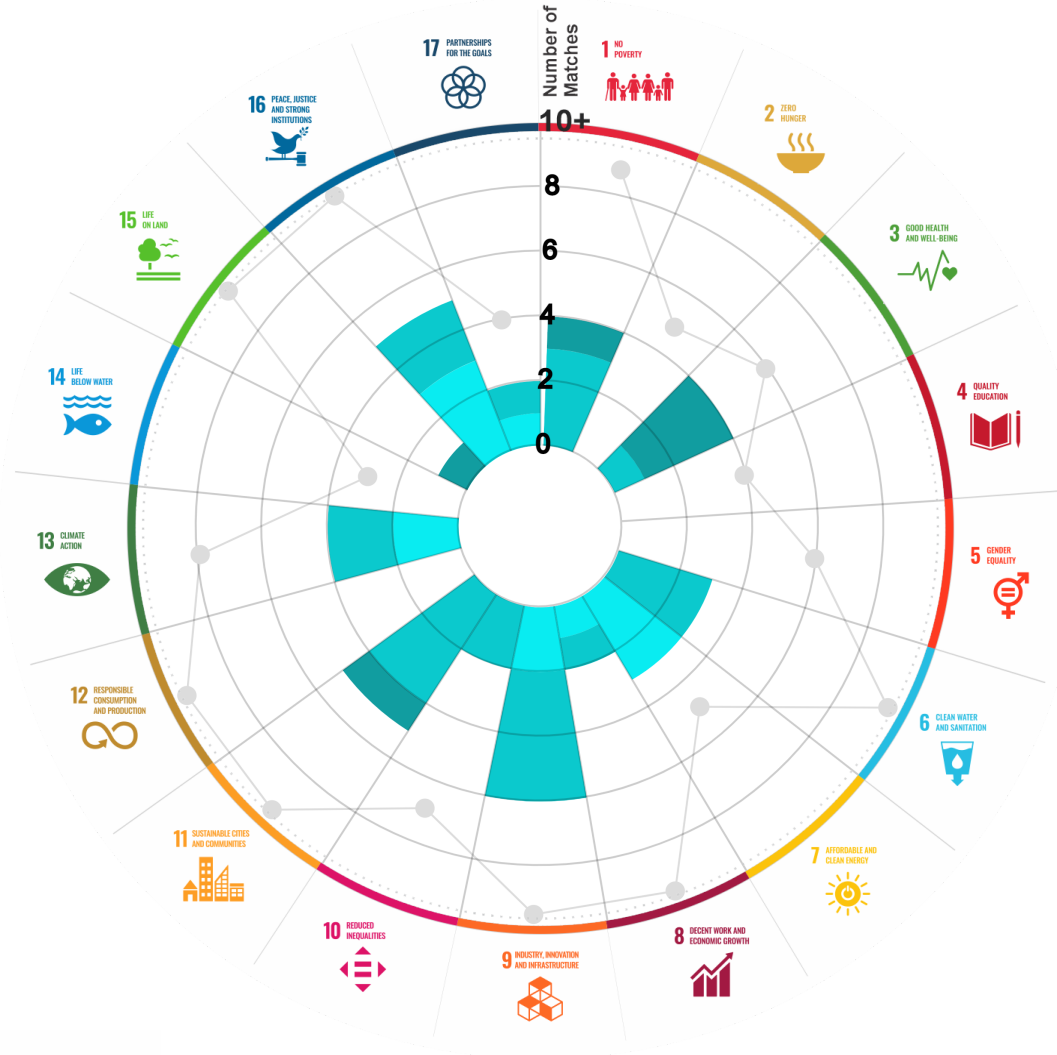
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment that considers and promotes sustainable development.

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



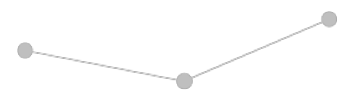
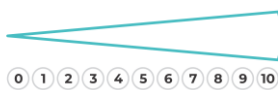
3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)



Explanation of the alignment of the sustainability criteria and the SDGs.

[View](#)



The tonality of the bars represents the level of detail of the information available from the IDB criteria and its potential alignment for each SDG, based on the scale: N.A., TIER 1, TIER 2 or TIER 3.


Number of times the project information coincides with the alignment of the IDB criteria and the SDGs.

Approximate reference to the number of maximum alignments a project can have between the IDB criteria and the targets of the SDGs.

P R O J E C T

MODERNIZATION, EQUIPMENT, OPERATION AND ADMINISTRATION OF THE DRINKING WATER MANAGEMENT SYSTEM IN THE MUNICIPALITY OF LOS CABOS, BAJA CALIFORNIA SUR.

SECTOR: WATER AND ENVIRONMENT
SUBSECTOR: WATER MANAGEMENT

Type of Investment:	Brownfield	 Banobras/Fonadin involvement
Short Name of the Project:	0015 Water Management of Los Cabos, B.C.S. Integral Improvement	
Contract Currency:	Estimated Investment MXN	Estimated Investment USD
Mexican Pesos MXN	\$ 714,933,685	\$ 34,705,518
Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6		

DESCRIPTION

The project consists of the modernization, equipment, operation and administration of the Organism, through the replacement of equipment and implementation of well and automation and readings optimization to recover drinking water flows that are currently lost due to:

- Physical losses in the system, mainly as a consequence of the age of the infrastructure
- Under-measured consumptions from instrument accuracy errors
- Non regulated use of the resource

The management objectives include:

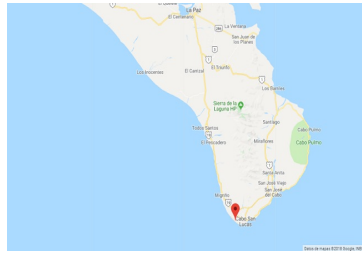
- Increase technical efficiency from 67.1% to 77%. As a consequence, 10% of the water produced (approximately 95 l/s) will be recovered.
- Increase commercial efficiency from 76.3% to 95%
- A continuous drinking water service (24 x 7) will be offered with adequate pressure, quantity and quality.

Contract Scope: Modernization, Equipment, Operation, Administration

Type of Project:	Public / Private	Selection Process:	International Open Tender
Type of Contract:	Federal PPP	Payment Source:	Project revenues / Rate
		Term:	10 years

Asset (s): Hidraulic Infrastructure

GEOLOCATION



SPONSOR



Entity

Comisión Nacional del Agua

Department

Organismo Operador Municipal del Sistema de Agua Potable de Los Cabos, B.C.S.

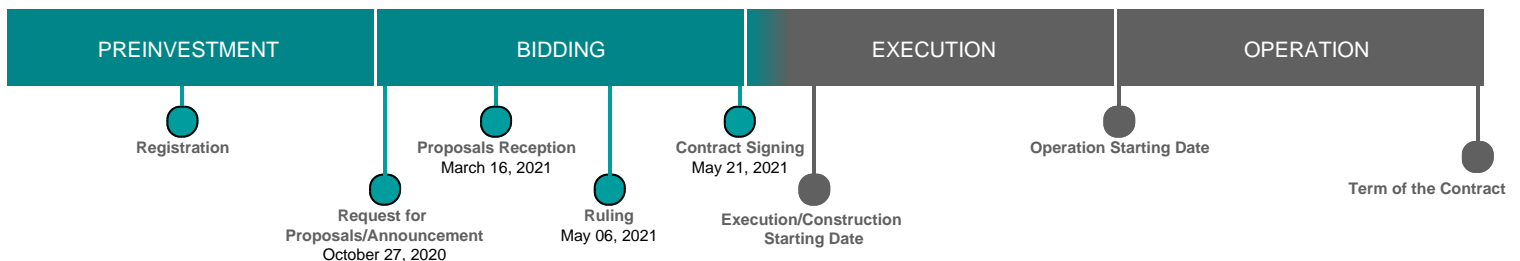
Contact

Ing. Ismael Rodríguez Piña

E-mail

dgoomsapaslc@gmail.com;
oficialiadepartes.oomsapaslc@gmail.com

TIMELINE



Email: proyectosmexico@banobras.gob.mx



SHCP

SECRETARÍA DE HACIENDA
Y CRÉDITO PÚBLICO

BANOBRAS

BANCO NACIONAL DE OBRAS
Y SERVICIOS PÚBLICOS S.N.C.