

**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

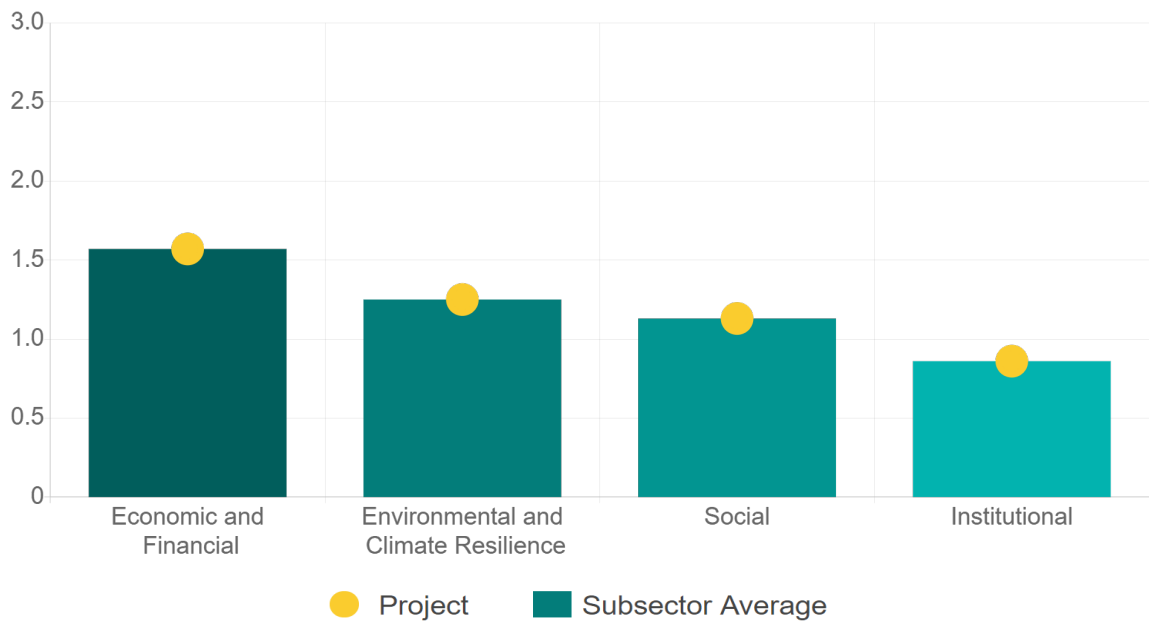
	NA	T1	T2	T3
Alignment with national and international strategies				
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency and anti-corruption protocols				
Legal requirements and compliance with social and environmental policies				
Development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

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

SECTOR:	SUBSECTOR:	STAGE ANALYZED:	YEAR OF UPDATE:
Water and Environment	Water Management	Preinvestment	2020

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](#)



**HACIENDA**  
SECRETARÍA DE HACIENDA Y CRÉDITO PÚBLICO

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

**IDB**  
Inter-American Development Bank

**cooperación alemana**  
DEUTSCHE ZUSAMMENARBEIT

**giz**  
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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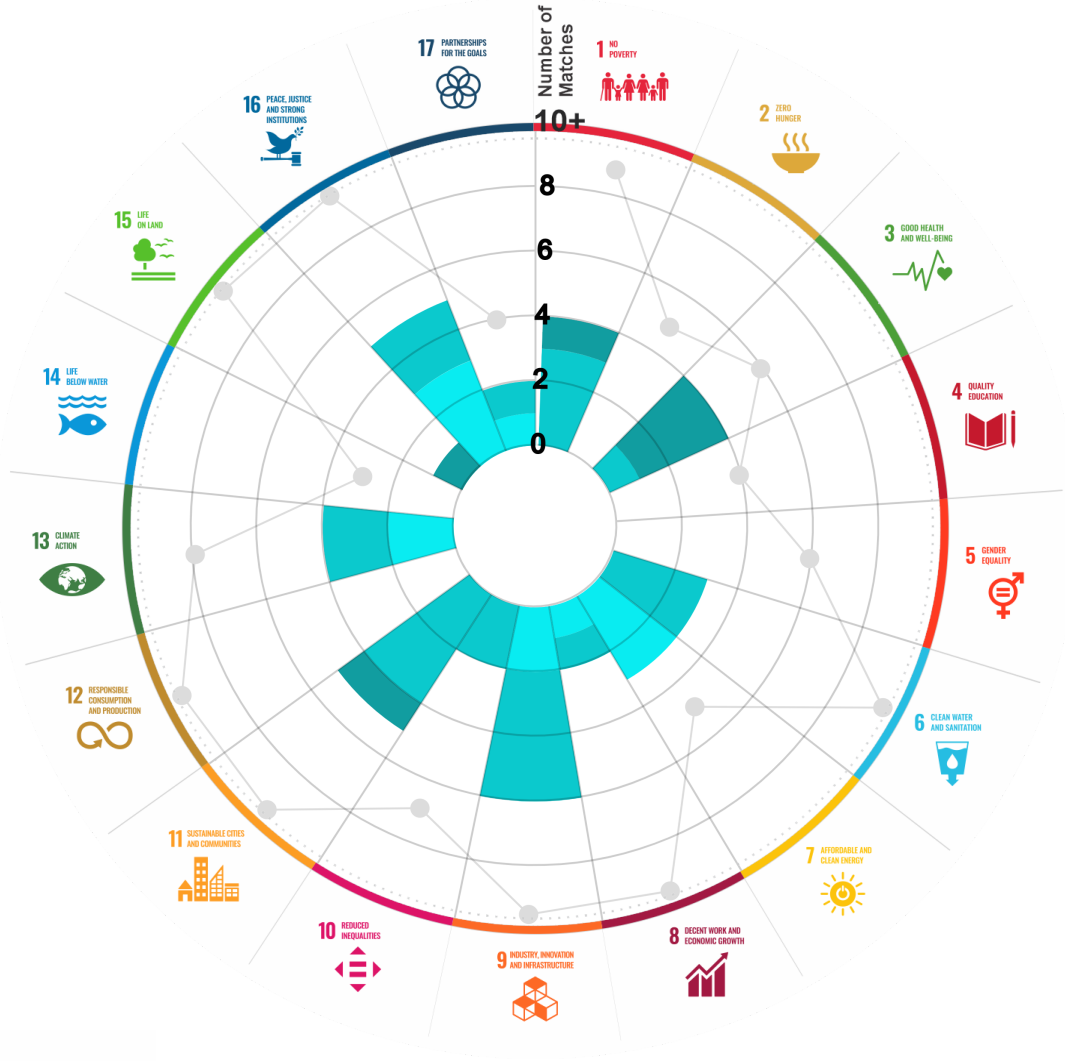
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

## 1. ALIGNMENT BY SUBSECTOR



## 2. ALIGNMENT BY SDG



## 3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)

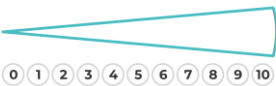


Explanation of the alignment of the sustainability criteria and the SDGs.

[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.

## PROJECT

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:

Mexican Pesos MXN

Estimated Investment MXN

\$ 746,678,261

Estimated Investment USD

\$ 40,360,987

Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2025 \$ 18.5

### 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; and 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.

(\*) Project with Banobras and/or National Infrastructure Fund (Fonadin) involvement or support.

Contract Scope: Modernization, Equipment, Operation, Administration

Type of Project: Public / Private

Selection Process: International Open Tender

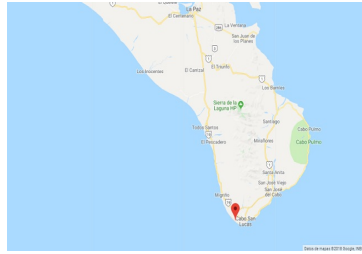
Term: 10 years

Type of Contract: Federal PPP

Payment Source: Project revenues / Rate

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

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