



**PROJECT:** 0016 Desalinization Plant of Los Cabos, Baja California Sur

**SECTOR:**  
Water and Environment

**SUBSECTOR:**  
Water Supply

**STAGE ANALYZED:**  
Preinvestment

**YEAR OF UPDATE:**  
2020

[Guide to read this datasheet](#) 

**Project's sustainability summary:** The project aims to cover the current deficit in water demand for domestic and non-domestic uses, surrounding and remote communities.



## ECONOMIC AND FINANCIAL SUSTAINABILITY

**EXAMPLE OF GOOD PRACTICES**

The cost-benefit analysis determined that the desalination process applied by project is the most viable one in terms of production, energy consumption and costs.

**Sustainability criteria**

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**

To protect the dunes area, a protection strip of 100 m was established, followed by a transition zone of 40 m. intended for recreational uses.

**Sustainability criteria**

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 will expand the supply-coverage of potable water services, thus benefiting marginalized groups and generating economic savings.

**Sustainability criteria**

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 project lists and details how it complies with all the laws, at different levels, to which it is subject; as well as the national and sectional plans to which it is aligned.

**Sustainability criteria**

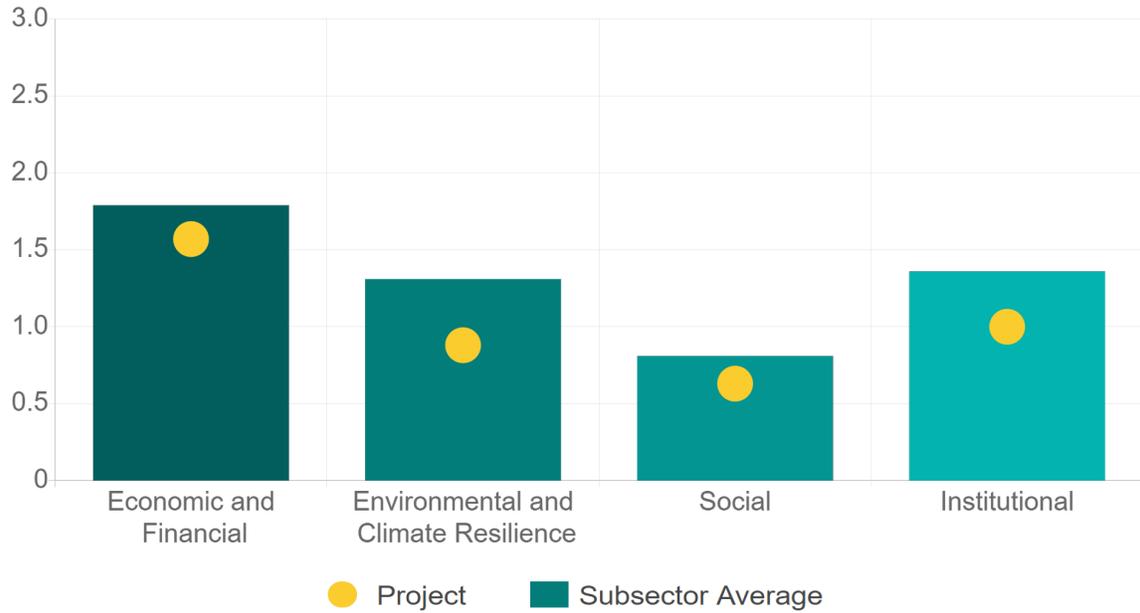
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies				
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency and anti-corruption protocols				
Legal requirements and compliance with social and environmental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

Source of this project: PPP Law Specific Studies



### Comparison of this project vs other projects of the same subsector

(Number of projects included: 2)



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

View



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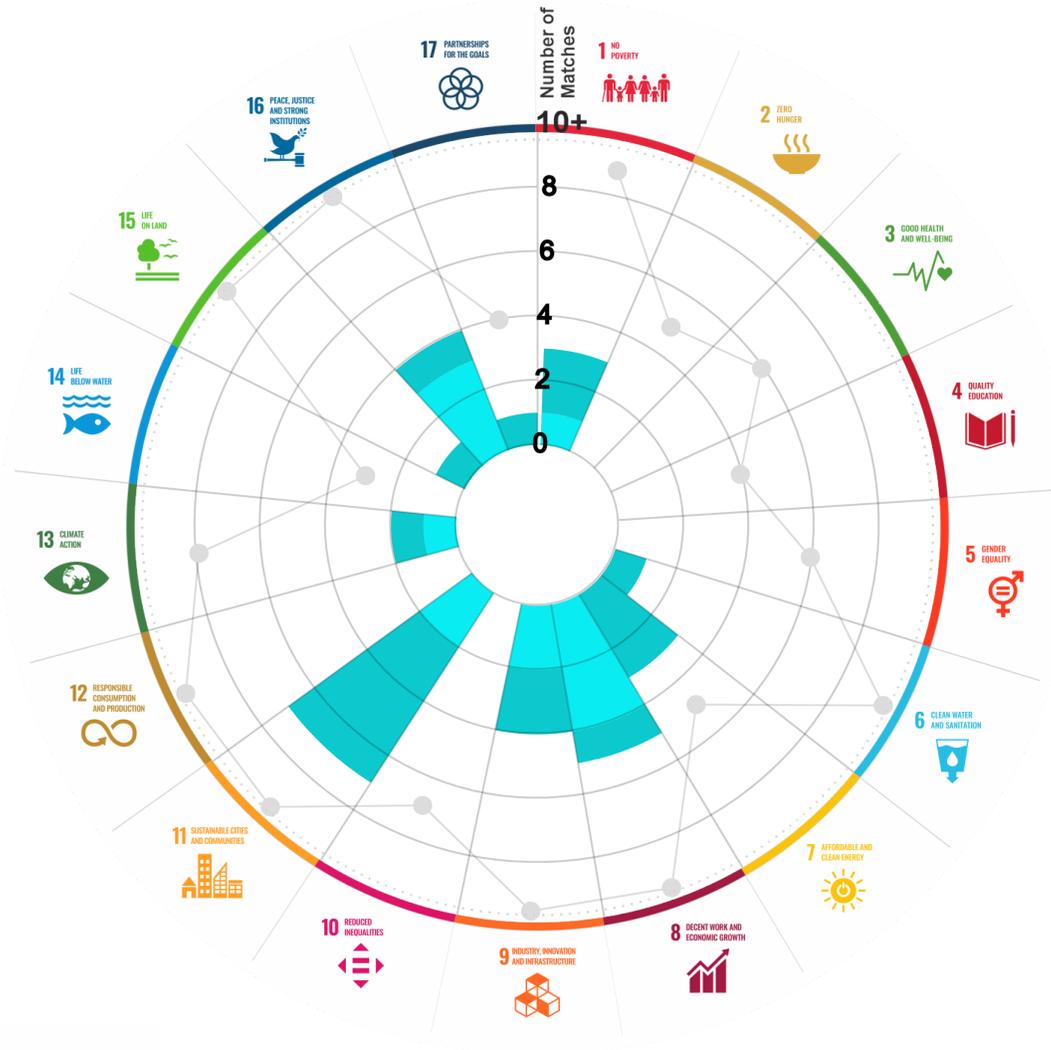
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

### 1. ALIGNMENT BY SUBSECTOR



### 2. ALIGNMENT BY SDG



### 3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)

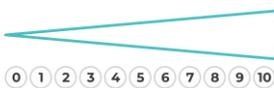


Explanation of the alignment of the sustainability criteria and the SDGs.

[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.

# P R O J E C T

DESIGN, CONSTRUCTION, EQUIPMENT, OPERATION AND MAINTENANCE OF A DESALINATION PLANT IN LOS CABOS, BAJA CALIFORNIA SUR.

SECTOR: WATER AND ENVIRONMENT  
SUBSECTOR: WATER SUPPLY

Type of Investment:	Greenfield	Banobras/Fonadin involvement		
Short Name of the Project:	0016 Desalinization Plant of Los Cabos, Baja California Sur			
Contract Currency:	Estimated Investment MXN	Estimated Investment USD	Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2024 \$ 17.1	
Mexican Pesos MXN	\$ 1,455,435,169	\$ 85,113,167		

## DESCRIPTION

The Project consists of the design, construction, equipment, operation and maintenance of the a 250 l/s desalination plant in Los Cabos, Baja California Sur.

The system to be installed will consist of the following set of structures: extraction of saline water, through direct intake at sea; feed conduction to a plant; desalination and water purification plant, includes pretreatment unit, high pressure pumping, membrane modules, cleaning and maintenance unit and post treatment unit; pumping plant (s); Aqueduct; regulation and / or reject tanks, and complementary works and installations.

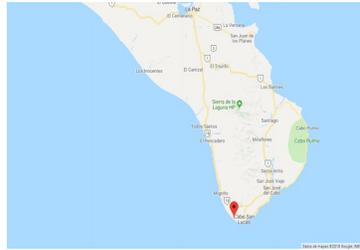
(\*) Project with Banobras and/or National Infrastructure Fund (Fonadin) involvement or support.

**Contract Scope:** Design, Construction, Equipment, Operation, Maintenance

Type of Project:	Public / Private	Selection Process:	International Open Tender	Term:	25 years
Type of Contract:	Federal PPP	Payment Source:	Mixed		

**Asset (s):** Desalinisation Plant 250 litres per second (l/s)

## GEOLOCATION



## SPONSOR



### Entity

Comisión Nacional del Agua

### Department

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

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