

PROJECT: 0599 WWTP Hermosillo

SECTOR:
Water and Environment

SUBSECTOR:
Water sanitation

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 

Project's sustainability summary: The Project consists of a wastewater treatment plant for the city of Hermosillo, Sonora; with which 100% coverage of the service will be achieved, thus avoiding untreated water discharges into streams of the same state.

ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
With the construction and operation of the Project, the treatment of wastewater will go from an 11% to the total capacity generated.

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 waste collected from the untreated water will be processed through aerobic digestion and used to generate biogas to sustain the energy supply required by the Plant.

Sustainability criteria	NA	T1	T2	T3
Greenhouse gas emissions	█			
Climate risks, resilience and disaster risk 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

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

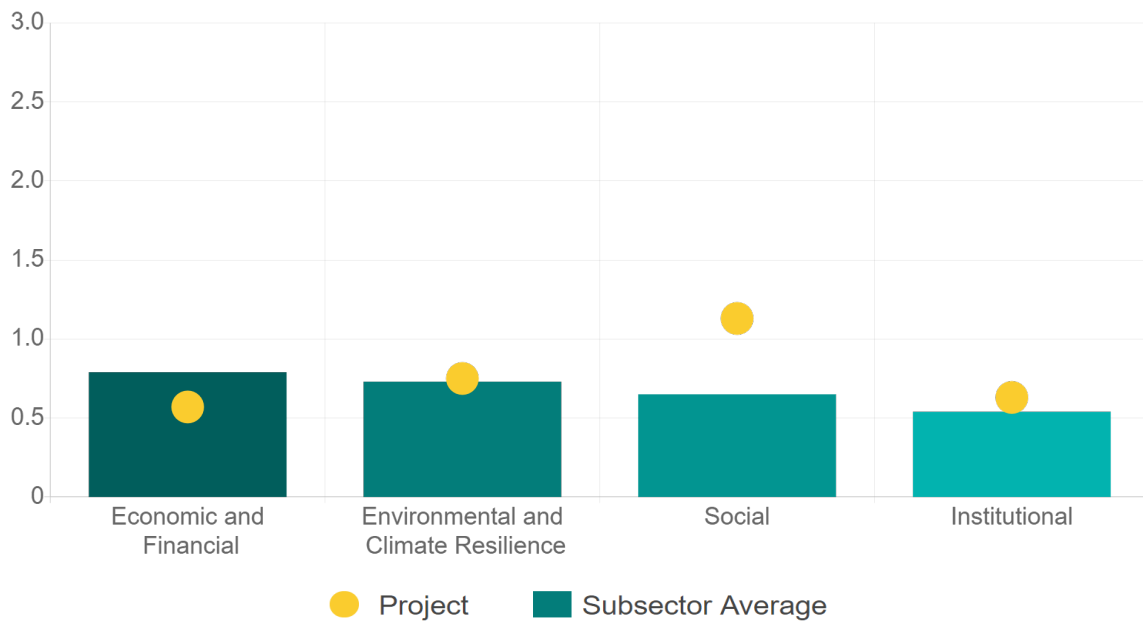
EXAMPLE OF GOOD PRACTICES
The decision-making of the Operating Agency considers information gathered from the general public, as well as border agreements such as the Comprehensive Environmental Plan for the Border.

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		█		
Knowledge transfer in matters related to sustainability	█			
Pre-existing conditions and their monitoring		█		

Source of this project: COCEF Certification Document / Agua de Hermosillo: Wastewater Treatment Plant / Environmental Impact Assessment Wastewater Treatment Plant Hermosillo

Comparison of this project vs other projects of the same subsector

(Number of projects included: 6)



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

[View](#)



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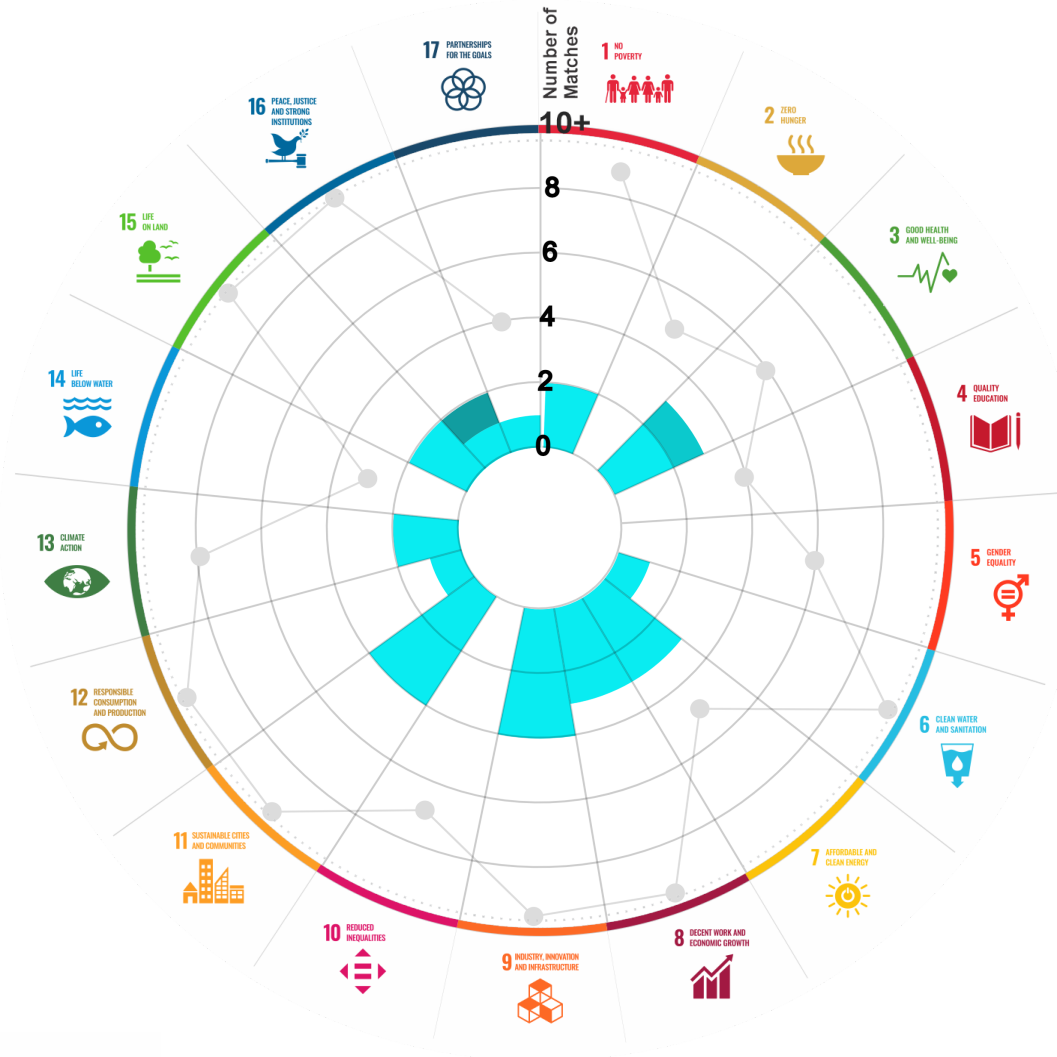
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



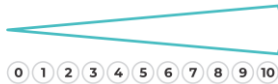
3. ALIGNMENT BY CRITERIA AND TARGETS

[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.

PROJECT

DESIGN, CONSTRUCTION, EQUIPMENT, OPERATION AND MAINTENANCE OF THE WASTEWATER TREATMENT PLANT IN HERMOSILLO, SONORA.

SECTOR: WATER AND ENVIRONMENT
SUBSECTOR: WATER SANITATION

Type of Investment: Brownfield

Short Name of the Project: 0599 WWTP Hermosillo

Contract Currency:
Mexican Pesos MXN

Estimated Investment MXN
\$ 778,000,000

Estimated Investment USD
\$ 37,766,990

Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6

DESCRIPTION

The project consists of the construction of the Hermosillo Wastewater Treatment Plant (PTAR), in Sonora. It has a treatment capacity of 2,500 l/s. It will treat 100% of Hermosillo's waste water.

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

Type of Project: Public / Private

Selection Process: Public Bid

Term: 22 years

Type of Contract: Provision of services

Payment Source: Project revenues / Rate

Asset (s): Wastewater Treatment Plant 2,500 litres per second (l/s)

GEOLOCATION



SPONSOR



Entity

Comisión Nacional del Agua

Department

Agua de Hermosillo / Dirección General de Agua de Hermosillo

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