



**PROJECT:** 0912 Expansion of the “El Ahogado” WWTP

**SECTOR:**  
Water and Environment

**SUBSECTOR:**  
Water sanitation

**STAGE ANALYZED:**  
Bidding

**YEAR OF UPDATE:**  
2022

[Guide to read this datasheet](#) 

**Project's sustainability summary:** The purpose of the project is the sanitation of the El Ahogado basin through the modernization of the disinfection system and the expansion of the WWTP with 1,000 lps for the treatment of wastewater emitted in the metropolitan area of Guadalajara, benefiting more than 5.2 million inhabitants. It considers the use of biosolids for the generation of electricity.



**ECONOMIC AND FINANCIAL SUSTAINABILITY**

**EXAMPLE OF GOOD PRACTICES**  
Considers energy efficiency criteria in the bidding process evaluation.

Sustainability criteria	NA	T1	T2	T3
Economic and social returns				
Creation of employment opportunities and boost local productivity				
Financial sustainability of assets				
Value for money principle				
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**  
Includes the generation of electrical power through the use of biosolids, as well as the implementation of more environmentally friendly disinfection technologies.


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 bidding process incorporates the figure of Social Witness.

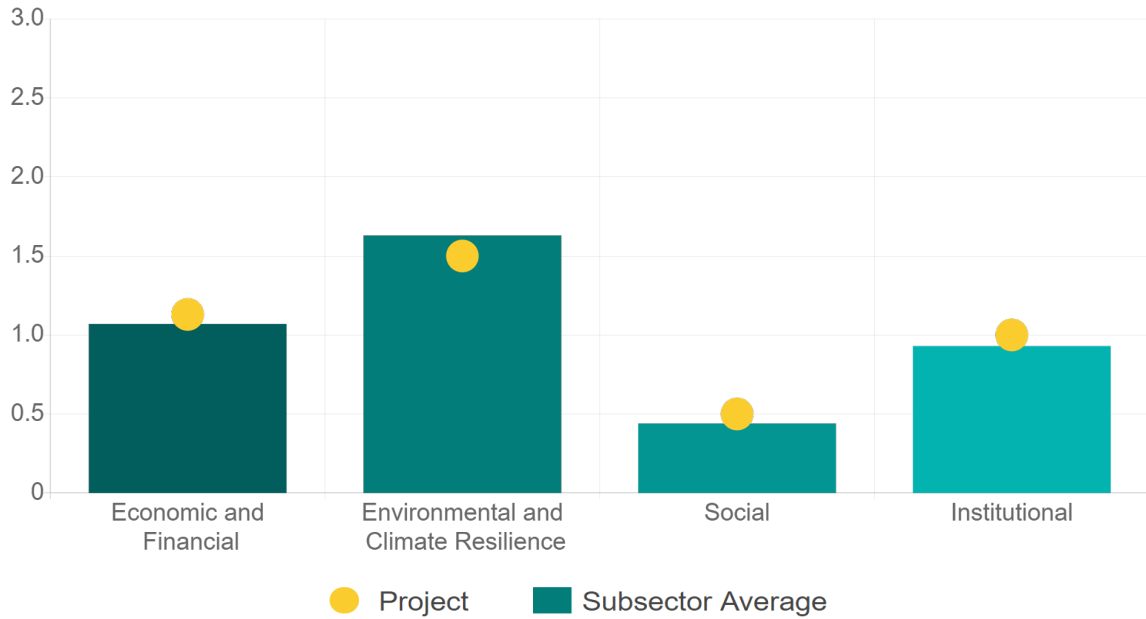
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies				
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency of the process				
Corruption and mitigation process				
Legal requirements and compliance with social and environmental policies				
Training development in aspects related to sustainability				
Pre-existing conditions and their monitoring				

**Source of this project:** Bidding Bases / Award Criteria / Environment Impact Manifestation / Resolution / Communications SGPA-DGIRA-DG-5592-0911 / Appendix 1 Definitions / Appendix 2 Technical Aspects / Appendix 3 Financial Aspects / Appendix 4 Technical Proposal / Appendix 6 CAPP Model / Annex ET 2 Water Quality / Annex ET 5 AH Civil Works / Annex ET 6 AH Electrical Works / Annex ET 7 AH Mechanical Works [Show more..](#)



### 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)

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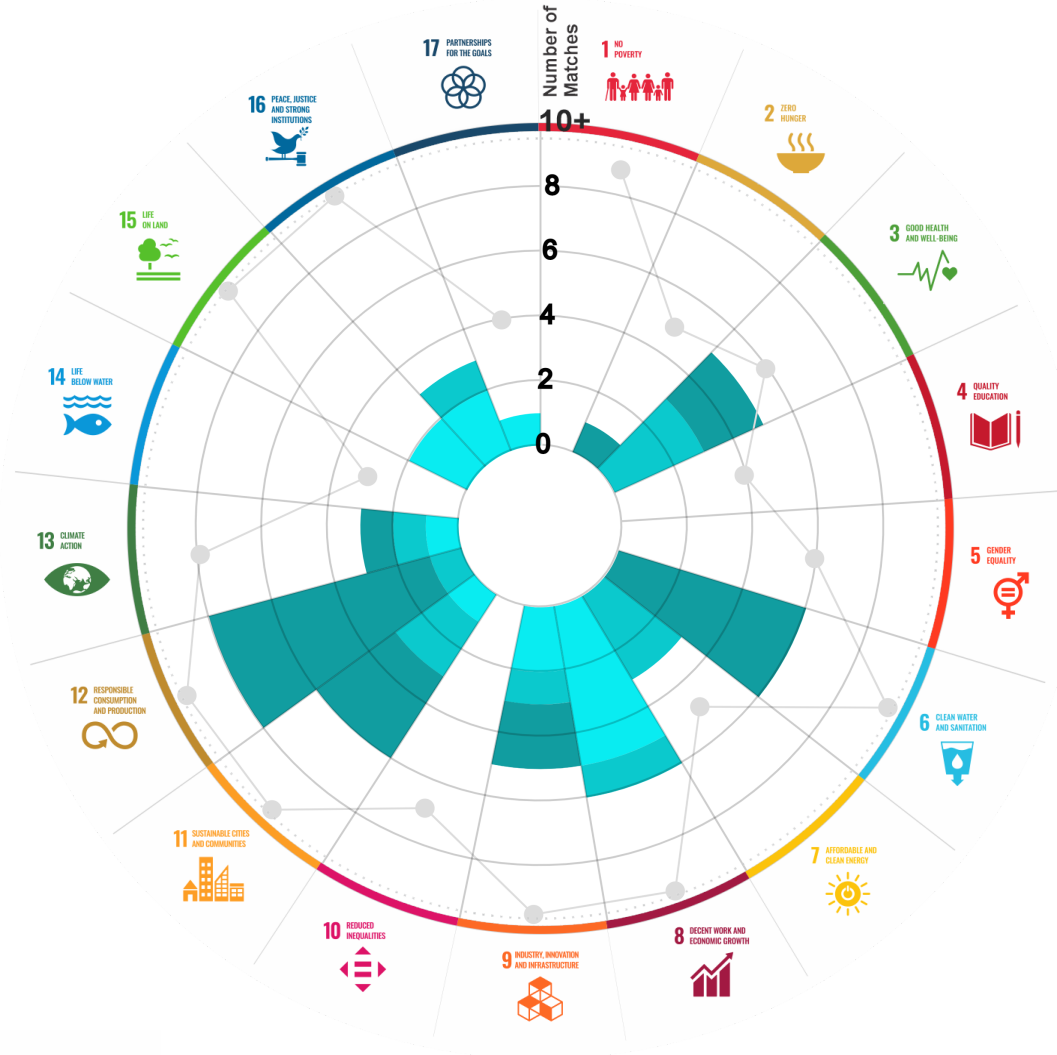
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

## 1. ALIGNMENT BY SUBSECTOR



## 2. ALIGNMENT BY SDG



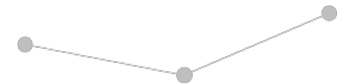
## 3. ALIGNMENT BY CRITERIA AND TARGETS

[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, CONSERVATION AND MAINTENANCE OF THE "EL AHOGADO" WASTEWATER TREATMENT PLANT EXPANSION, IN THE STATE OF JALISCO.**

**SECTOR: WATER AND ENVIRONMENT**  
**SUBSECTOR: WATER SANITATION**

**Type of Investment:** Greenfield

**Short Name of the Project:** 0912 Expansion of the "El Ahogado" WWTP

**Contract Currency:**  
Mexican Pesos MXN

**Estimated Investment MXN**  
\$ 1,157,075,985

**Estimated Investment USD**  
\$ 56,168,737

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

### DESCRIPTION

The Expansion of the "El Ahogado" WWTP includes the design, construction, electromechanical equipment, performance and capacity tests, operation, conservation and maintenance of the necessary infrastructure to expand the biological treatment with nutrient removal in a design flow of 1,000 liters per second (l/s).

In addition, includes the filtration and disinfection with ozone of a flow of 3,250 liters per second (l/s), corresponding to the 2,250 liters per second (l/s) currently being treated in the WWTP "El Ahogado" and the 1,000 liters per second (l/s) of the extension; as well as the removal and final disposal of biosolids and solids generated in the monofill.

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

**Type of Project:** Public / Private

**Selection Process:** Open Domestic Bidding

**Term:** 20 years

**Type of Contract:** State PPP

**Payment Source:** Rate

**Asset (s):** Wastewater Treatment Plant 1,000 litres per second (l/s)

### GEOLOCATION



### SPONSOR



**Entity**

Gobierno Estatal

**Department**

Comisión Estatal del Agua del Estado de Jalisco

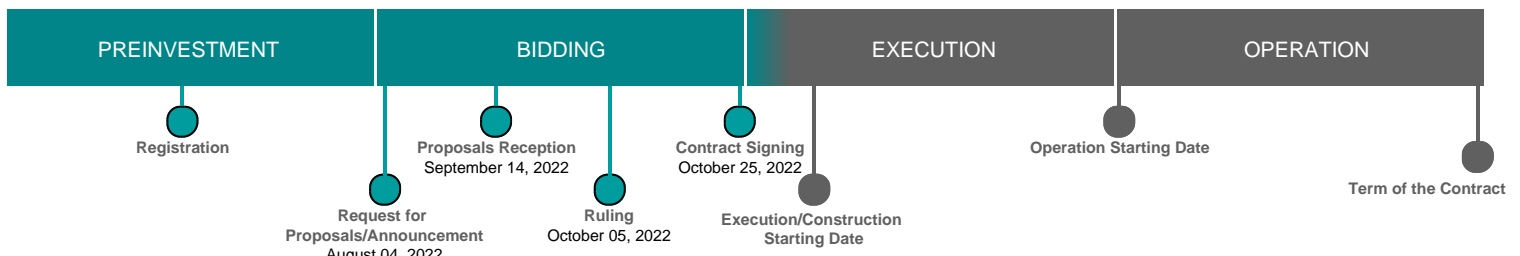
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### TIMELINE



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Y SERVICIOS PÚBLICOS S.N.C.