

**PROJECT:** 0853 Management of Organic Waste in Naucalpan

**SECTOR:**  
Water and Environment

**SUBSECTOR:**  
Solid Waste

**STAGE ANALYZED:**  
Preinvestment

**YEAR OF UPDATE:**  
2020

[Guide to read this datasheet](#)



**Project's sustainability summary:** The project seeks a comprehensive management of urban solid waste from the municipality of Naucalpan. This will be accomplished through the separation and recovery of inorganic waste and the use of organic waste for the generation of electrical power, while aiming to reduce the impact on the environment and risks on the population.



**ECONOMIC AND FINANCIAL  
SUSTAINABILITY**

**EXAMPLE OF GOOD PRACTICES**  
The project will generate formal employment opportunities that will benefit vulnerable groups and foster the local recycling economy.

**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 volume of emissions generated before and during the operation of the project will be estimated and reported to the National Registry of Emissions.

**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 increase formal labor capacities with gender integration policies during the operation of the project.

**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 meets nine standards, from the European Investment Bank, to measure the degree of socio-environmental impact, as well as consider and integrate mitigation measures.

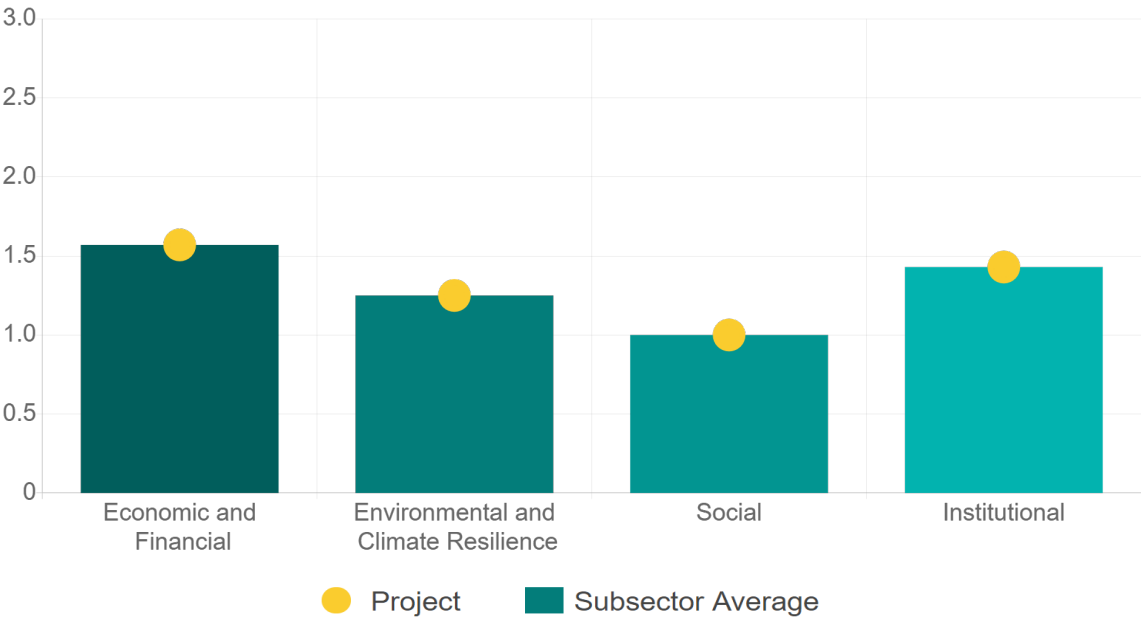
**Sustainability criteria**

	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:** Evaluation of the Potential Climate Benefits of the Project / Environmental Impact Evaluation / Study on the Electric Market in Cities / Waste Characterization Study: Naucalpan-Mexico Transfer Station

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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<b>SECTOR:</b> Water and Environment	<b>SUBSECTOR:</b> Solid Waste	<b>STAGE ANALYZED:</b> Preinvestment	<b>YEAR OF UPDATE:</b> 2020
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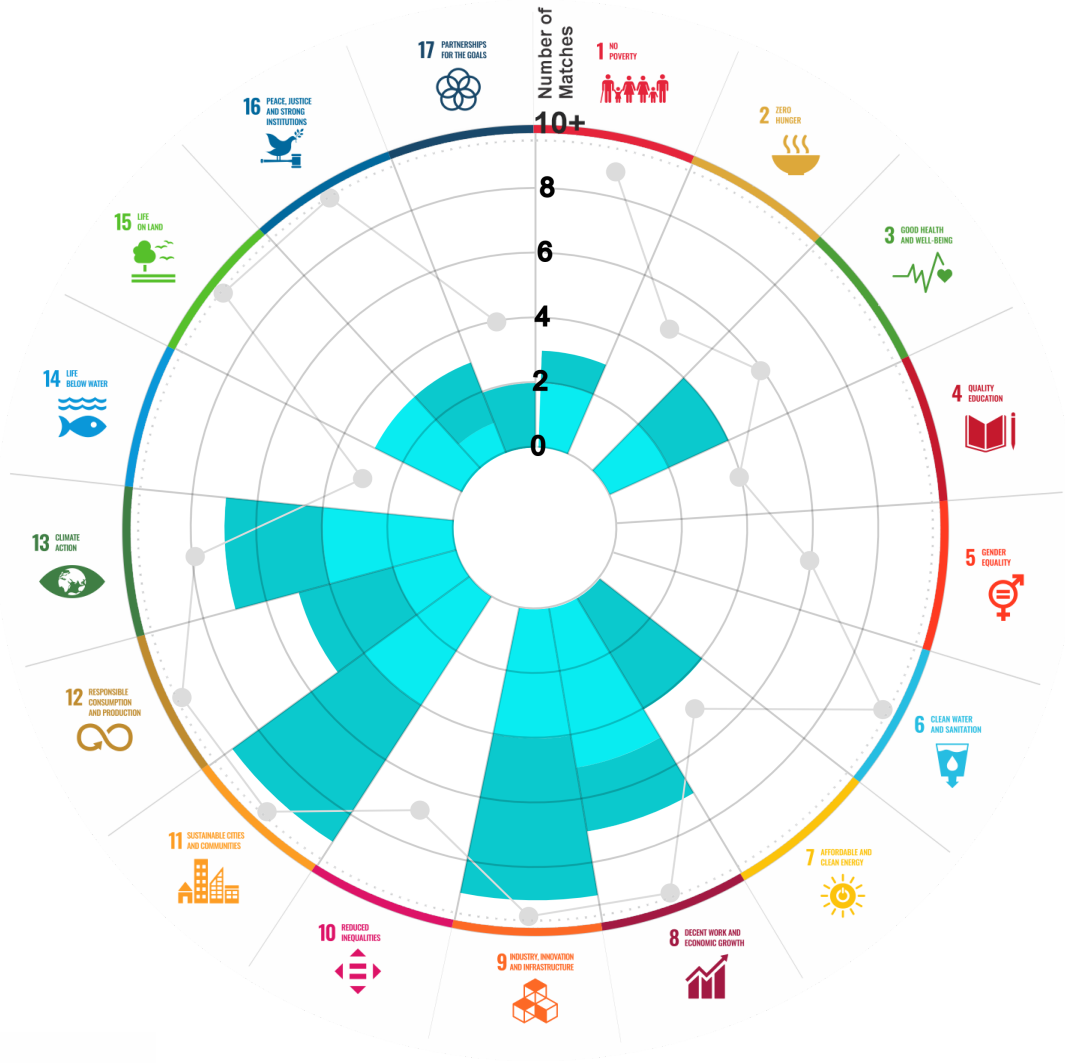
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment 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, INSTALLATION, OPERATION AND MAINTENANCE OF AN ORGANIC WASTE TO ENERGY MANAGEMENT SYSTEM, LOCATED IN THE MUNICIPALITY OF NAUCALPAN DE JUAREZ, STATE OF MEXICO.

SECTOR: WATER AND ENVIRONMENT  
SUBSECTOR: SOLID WASTE

Type of Investment: Greenfield

Short Name of the Project: 0853 Management of Organic Waste in Naucalpan

Contract Currency:  
Mexican Pesos MXN

Estimated Investment MXN  
\$ 1,139,800,000

Estimated Investment USD  
\$ 66,654,970

Exchange rate (USD/MXN) used by the  
Ministry of Finance for the economic plan  
2024 \$ 17.1

### DESCRIPTION

Design, construction, installation, operation and maintenance of a comprehensive urban solid waste management system, mechanical treatment, energy recovery and biological treatment, to generate electric energy from biogas, in the municipality of Naucalpan, in the State of Mexico.

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

Type of Project: Public / Private

Selection Process: Public Bid

Term: 22 years

Type of Contract: Federal PPP

Payment Source: Project revenues / Rate

Asset (s): Solid Waste Treatment Plant

### GEOLOCATION



### SPONSOR



#### Entity

Gobierno Municipal

#### Department

Municipio de Naucalpan de Juárez, Estado de México

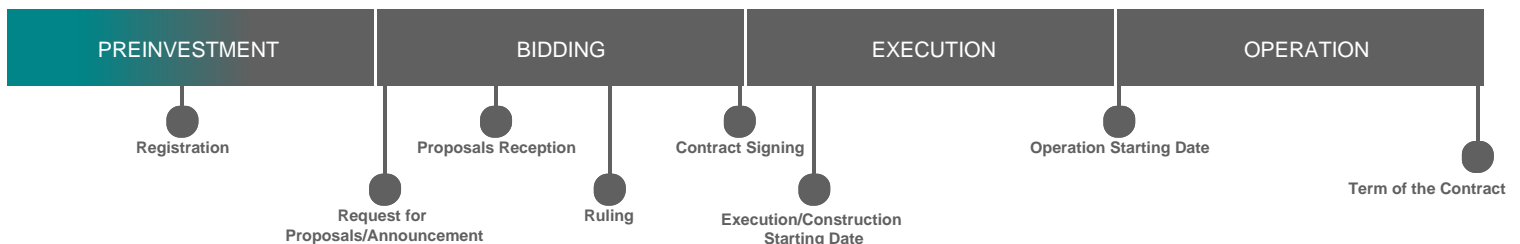
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**SHCP**

SECRETARÍA DE HACIENDA  
Y CRÉDITO PÚBLICO

**BANOBRAS**

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