



**PROJECT:** 0575 CENACE. 1st Long Term Power Auction (SLP-1/2015) Guajiro 2

**SECTOR:**  
Electricity

**SUBSECTOR:**  
Solar Power

**STAGE ANALYZED:**  
Operation

**YEAR OF UPDATE:**  
2023

[Guide to read this datasheet](#) 

**Project's sustainability summary:** Guajiro is a 129.5 MW annual solar generation project to generate enough clean energy to supply more than 120,000 homes, avoiding the emission of 100,000 tons of CO2.



**ECONOMIC AND FINANCIAL SUSTAINABILITY**

EXAMPLE OF GOOD PRACTICES

Sustainability criteria	NA	T1	T2	T3
Economic and social returns	NA			
Creation of employment opportunities and boost local productivity		█		
Financial sustainability of assets		█	█	
Detailed risk analysis	NA			
Cash flow transparency and creditworthiness		█		
Infrastructure asset maintenance and optimal use		█		
Sustainability incentives	NA			



**ENVIRONMENTAL SUSTAINABILITY AND CLIMATE RESILIENCE**

EXAMPLE OF GOOD PRACTICES

Sustainability criteria	NA	T1	T2	T3
Greenhouse gas emissions		█		
Climate risks, resilience and disaster risk management	NA			
Impacts on biodiversity and native flora and fauna in the region	NA			
Environmental impact of the Project	NA			
Control and monitoring of pollutants	NA			
Efficient use of resources and recycling strategies	NA			
Efficient use of energy and renewable sources	NA			
Preservation or enhancement of public spaces	NA			



**SOCIAL SUSTAINABILITY**

EXAMPLE OF GOOD PRACTICES

Sustainability criteria	NA	T1	T2	T3
Reduction of poverty and access to basic services	NA			
Integration of communities and other interested parties	NA			
Integration of people with disabilities or special needs	NA			
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	NA			
Cultural heritage and indigenous people	NA			
Gender inclusion and women's economic empowerment through the project		█	█	
Equal distribution of benefits and compensations to communities	NA			



**INSTITUTIONAL SUSTAINABILITY**

EXAMPLE OF GOOD PRACTICES

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

**Source of this project:** Long Term Auctions Manual / Call for Long-Term Auctions / Bidding Bases / Guide for Calculation of Seriousness Guarantee / Extract from the Judgment of the First Long-Term Auction / Auction Statement / SENER-CENACE Statement Bids 1st Auction / Contract model / Proyectos México / ARE website / Anti-Bribery and Anti-Corruption Policy / Diversity and Inclusion Policy / Code of conduct / [SShow more...](#)

The sustainability analysis is carried out based on the indicated sources of information available at the time of preparation.





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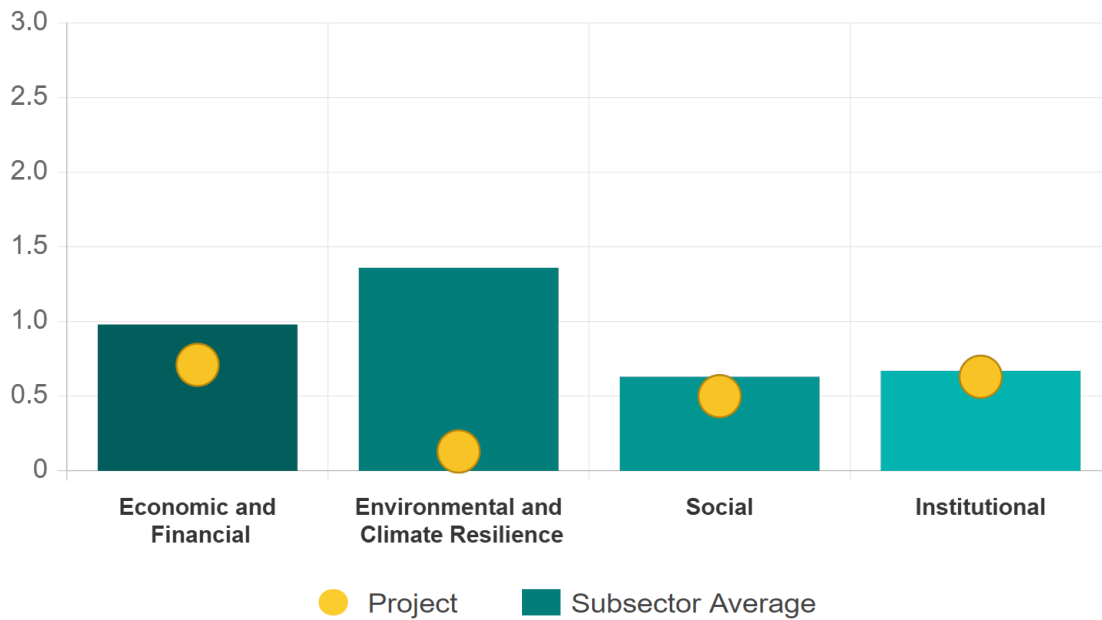
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Comparison of this project vs other projects of the same subsector

(Number of projects included: **23**)



Check out this and other project comparisons in the tool

[View](#)



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

[View](#)



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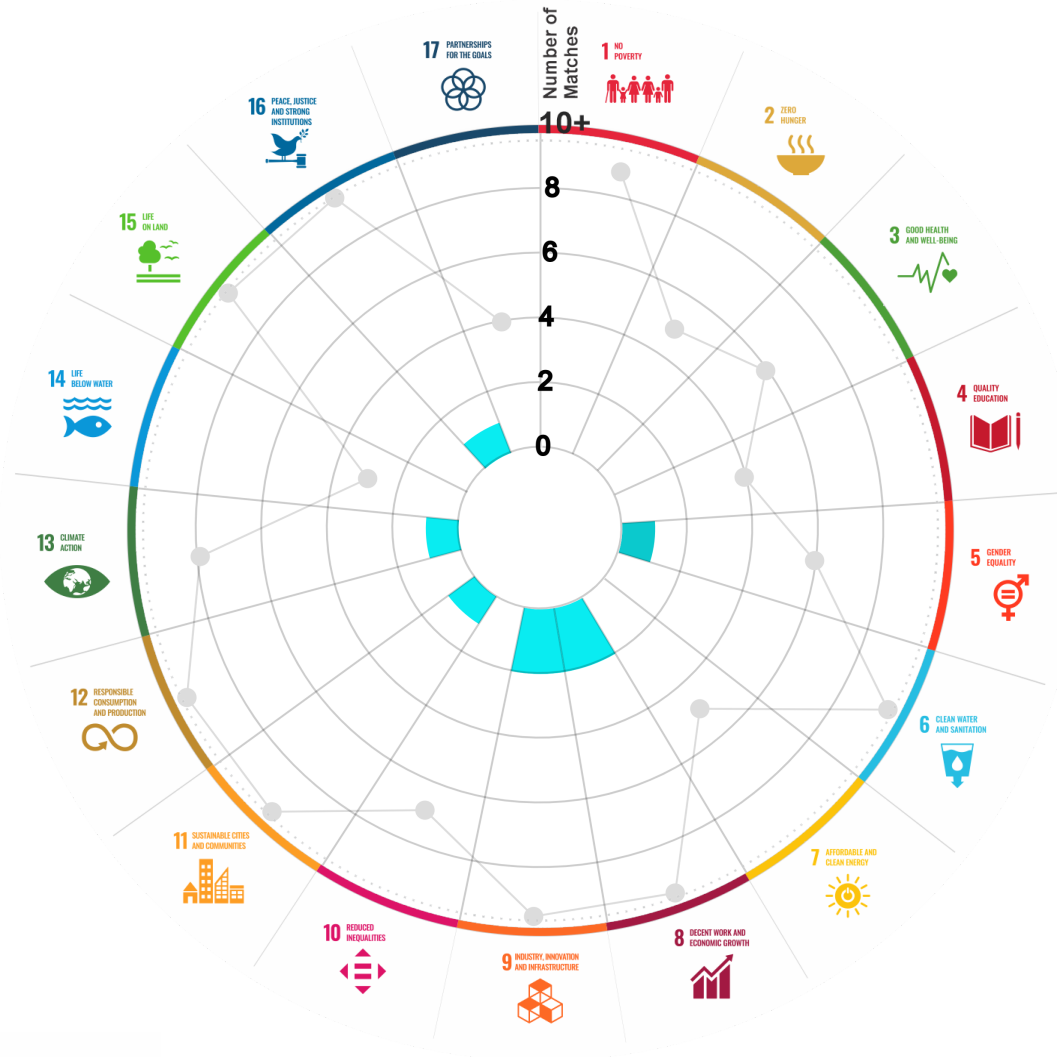
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

## 1. ALIGNMENT BY SUBSECTOR



## 2. ALIGNMENT BY SDG



## 3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)

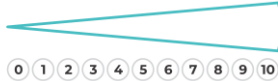


Explanation of the alignment of the sustainability criteria and the SDGs.

[View](#)

Project alignment to SDGs analysis tool.

[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, INSTALLATION, OPERATION AND MAINTENANCE OF A PHOTOVOLTAIC POWER PLANT IN THE STATE OF HIDALGO.

SECTOR: ELECTRICITY  
SUBSECTOR: SOLAR POWER

Type of Investment: Brownfield

Power Auction: SLP-1/2015: First Long Term Power Auction

Short Name of the Project: 0575 CENACE. 1st Long Term Power Auction (SLP-1/2015) Guajiro 2

Contract Currency:  
Mexican Pesos MXN

Estimated Investment MXN  
\$ 2,912,000,000

Estimated Investment USD  
\$ 141,359,223

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

## DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of "Guajiro 2" (Daño II) photovoltaic power plant with a total production capacity of 101.4 MW in Nopala de Villagran, Hidalgo. The plant has the following features:

Power Zone: National

Export Subarea: "Occidental"

Price Area: Querétaro

Interconnection Zone: SAN LUIS DE LA PAZ II SPA-230-93080 LAS DELICAS LDE-230

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

Type of Project: Private

Selection Process: Public Auction

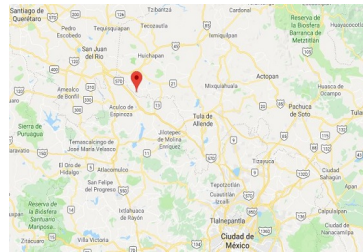
Term: 15 years

Type of Contract: Assignment

Payment Source: Project revenues / Rate

Asset (s): Solar Farm 116 MW

## GEOLOCATION



## SPONSOR



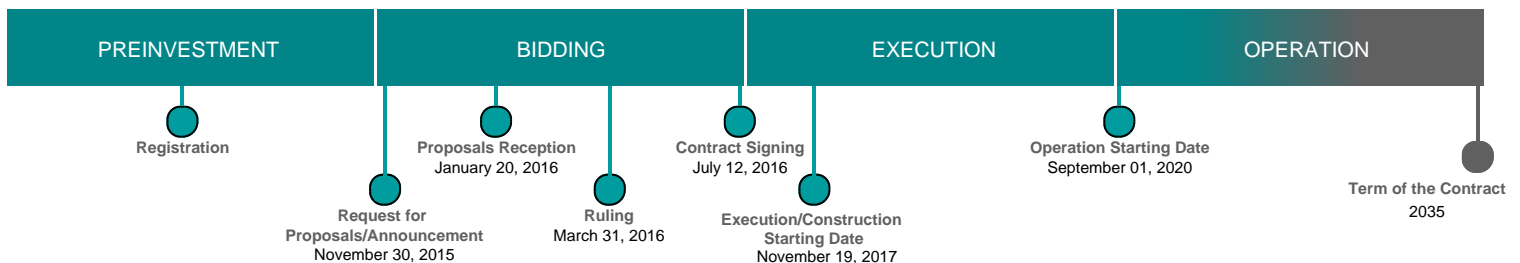
Entity

Privado

Department

Atlas Renewable Energy

## TIMELINE



Email: [proyectosmexico@banobras.gob.mx](mailto:proyectosmexico@banobras.gob.mx)



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SECRETARÍA DE HACIENDA  
Y CRÉDITO PÚBLICO

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