



**PROJECT:** 0576 CENACE. 1st Long Term Power Auction (SLP-1/2015) Parque Solar Villanueva

**SECTOR:**  
Electricity

**SUBSECTOR:**  
Solar Power

**STAGE ANALYZED:**  
Operation

**YEAR OF UPDATE:**  
2020

[Guide to read this datasheet](#) 

**Project's sustainability summary:** It is a clean energy power plant that implements sustainability standards in the production, environmental and social aspects.

## ECONOMIC AND FINANCIAL SUSTAINABILITY

**EXAMPLE OF GOOD PRACTICES**  
The generation of clean energy is encouraged through the REC's market as part of the contract. Specific tools have been implemented for the financial sustainability of the project.

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**  
It has an Environmental and Social Management System throughout the life cycle of the project, identifies impacts, mitigation measures and monitoring tools to prevent pollution.

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**  
Interaction with communities and stakeholders interested in the project through social assessments and information management to third parties. Creation of several social projects.

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**  
Aligned with the national generation capacity improvement objectives and the inclusion of clean energies and with the SDGs for new sources of generation and climate change.

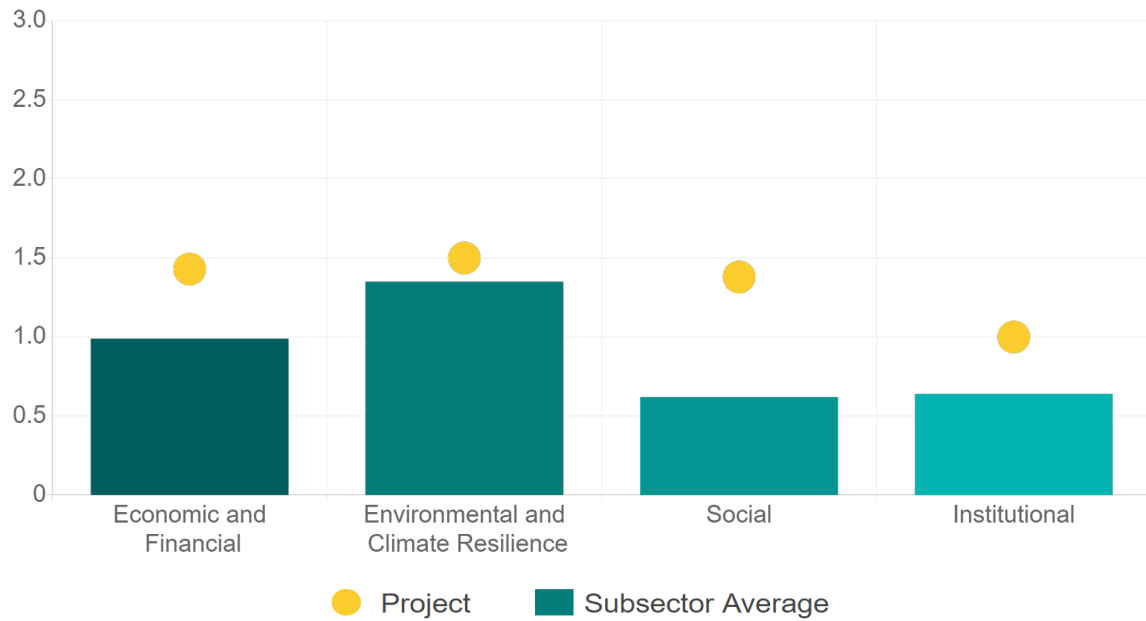
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies				
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency and anti-corruption protocols				
Legal requirements and compliance with social and environmental 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:



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

(Number of projects included: 23)



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

View



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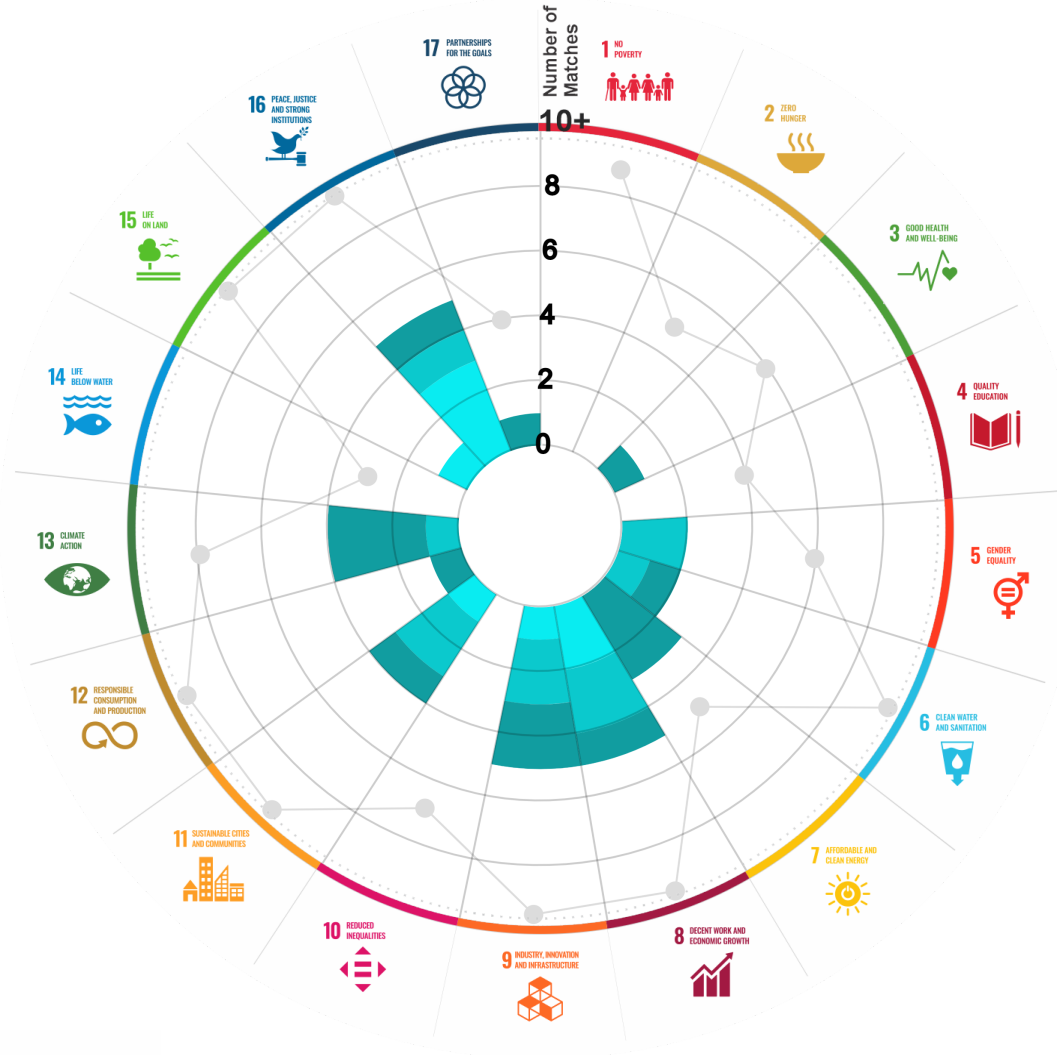
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

## 1. ALIGNMENT BY SUBSECTOR



## 2. ALIGNMENT BY SDG



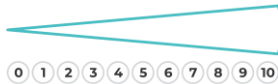
## 3. ALIGNMENT BY CRITERIA AND TARGETS

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

SECTOR: ELECTRICITY  
SUBSECTOR: SOLAR POWER

<b>Type of Investment:</b>	Brownfield		
<b>Power Auction:</b>	SLP-1/2015: First Long Term Power Auction		
<b>Short Name of the Project:</b>	0576 CENACE. 1st Long Term Power Auction (SLP-1/2015) Parque Solar Villanueva		
<b>Contract Currency:</b>	<b>Estimated Investment MXN</b>	<b>Estimated Investment USD</b>	Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6
Mexican Pesos MXN	\$ 8,720,000,000	\$ 423,300,970	

### DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of "Solar Villanueva" photovoltaic power plant with a total production capacity of 363 MW in the state of Coahuila. The plant has the following features:

Power Zone: National

Export Subarea: "Norte"

Price Area: Laguna

Interconnection Zone: TORREÓN SUR TRS-400-A3700- RAMOS ARIZPE POTENCIA RAP-400

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

<b>Type of Project:</b>	Private	<b>Selection Process:</b>	Public Auction	<b>Term:</b>	15 years
<b>Type of Contract:</b>	Assignment	<b>Payment Source:</b>	Project revenues / Rate		

**Asset (s):** Solar Farm 363 MW

### GEOLOCATION



### SPONSOR



**Entity**

Privado

**Department**

Enel Green Power México

### TIMELINE



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