

#### PROJECT SUSTAINABILITY SHEET



PROJECT: 0554 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Mexsolar I

**SECTOR:** Electricity

SUBSECTOR: Solar Power **STAGE ANALYZED:**Operation

YEAR OF UPDATE:

2020

Guide to read this datasheet

View

**Project's sustainability summary:** The project consists of the installation and maintenance of a photovoltaic solar plant, in the state of Guanajuato, for the production of clean electricity.



### ECONOMIC AND FINANCIAL SUSTAINABILITY

#### **EXAMPLE OF GOOD PRACTICES**

The project is leveraged by financial international sources, such as the Canadian Climate Fund for the Americas (CF2) and the International Development Bank (IDB).

Sustainabilit	ty criteria		NA	T1 :	T2	Т3
	Economic and so	cial returns	!!			
Creation of emp	ployment opportunities and boost local	productivity		i		
	Financial sustainabili	ity of assets	! !	ļ	ļ	
	Detailed r	isk analysis	! !	i		
	Cash flow transparency and credi	tworthiness				
	Infrastructure asset maintenance and	optimal use	! !			
	Sustainability	y incentives				

## ENVIRONMENTAL SUSTAINABILITY AND CLIMATE RESILIENCE

#### **EXAMPLE OF GOOD PRACTICES**

Use technology for greater performance in capturing solar rays and generating energy.

Sustainability criteria	NA	T1	T2	ТЗ
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 :	Т3
Reduction of poverty and access to basic service	5			
Integration of communities and other interested partie	3			
Integration of people with disabilities or special need	3			
Effects of the project in the security of the region and in the health of workers and nearby communities	s			
Compliance with human and labor right	s!		!	
Cultural heritage and indigenous people	•			
Gender inclusion and women's economic empowerment through the project	t			
Equal distribution of benefits and compensations to communitie	S			



INSTITUTIONAL SUSTAINABILITY

**EXAMPLE OF GOOD PRACTICES** 

Sustainability criteria	NA	T1 :	T2 :	Т3
Alignment with national and international strategies	1 1			
Sectoral and institutional integration	1 1	į		
Corporate sustainability, management and governance		- 1		
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		- 1		

Source of this project: Contract model / Long-Term Auction Manual / Operational Guidelines of the Clearing House / Environmental Impact Assessment (MIA) / MIA Resolution / Social Impact Review



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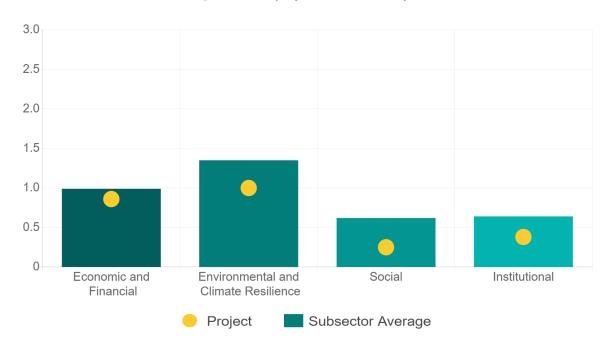




SECTOR:SUBSECTOR:STAGE ANALYZED:YEAR OF UPDATE:ElectricitySolar PowerOperation2020

#### 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)















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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.

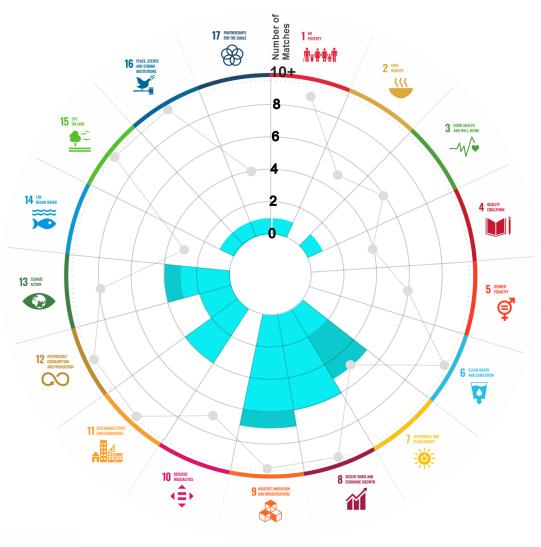
Reading guide View







#### 2. ALIGNMENT BY SDG

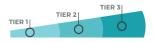


3. ALIGNMENT BY **CRITERIA AND TARGETS** 

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

SECTOR: ELECTRICITY SUBSECTOR: SOLAR POWER

Type of Investment:	Brownfield			
Power Auction:	SLP-1/2016: Second Long Term Power Auction			
Short Name of the Project:	0554 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Mexsolar I			
Contract Currency: Mexican Pesos MXN	Estimated Investment MXN \$ 2,100,000,000	Estimated Investment USD \$ 101,941,747	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 Mexsolar I photovoltaic power plant with a total capacity of 30 MW in the state of Guanajuato. The plant has the following features:

Power Zone: National Export Area: "Occidental"

Export Subarea: "Occidental Querétaro/San Luis Potosí"

Price Area: Queretaro

Interconnection Zone: CHIPILO-CHI-115 73OC0 MEXISOLAR MANIOBRAS-MSM 115

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 30 MW

#### **GEOLOCATION**





#### **SPONSOR**



Entity Privado

**Department**Gestamp

#### **TIMELINE**







