



**PROJECT:** 0572 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Solem II

**SECTOR:**  
Electricity

**SUBSECTOR:**  
Solar Power

**STAGE ANALYZED:**  
Operation

**YEAR OF UPDATE:**  
2020

[Guide to read this datasheet](#) 

**Project's sustainability summary:** The project aims to generate photovoltaic solar energy to meet the demand of the State of Aguascalientes at lower costs and with positive impacts for the economy, the provision of clean energy and the fight against climate change.



## ECONOMIC AND FINANCIAL SUSTAINABILITY

**EXAMPLE OF GOOD PRACTICES**

The project comprises diversified financial sources for its leverage and the improvement of its credit status

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 project will help prevent the emission of 362,000 metric tons of CO2 each year.

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**

Considers a Social Investment Plan to improve the life conditions of the nearby communities, including school infrastructure, and participatory mechanisms for the empowerment of the women.

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**

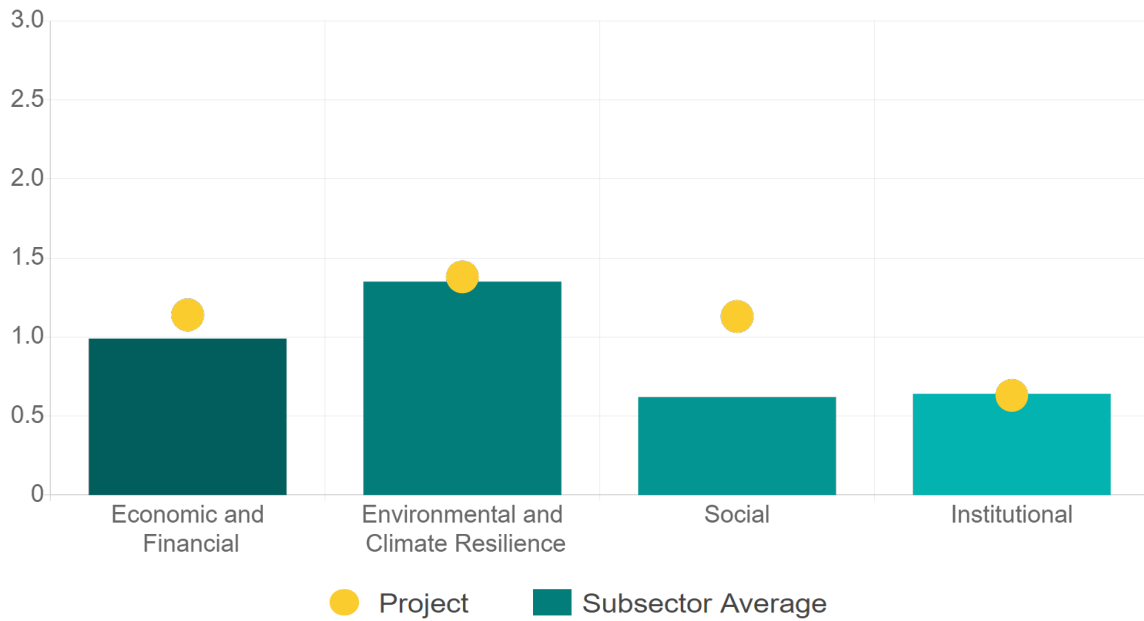
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies		█		
Sectoral and institutional integration		█		
Corporate sustainability, management and governance		█		
Transparency and anti-corruption protocols	█			
Legal requirements and compliance with social and environmental 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:** Contract model / Long Term Power Auction Manual / Clearinghouse Operating Guide / Financing Sources / Environmental Impact Assessment (MIA) / MIA Resolution / Social Impact Assessment (EVIS) / ALTEN Webpage / Cubico Sustainable Investments Webpage / Press release Social Investment Plan



### 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

**7** AFFORDABLE AND CLEAN ENERGY



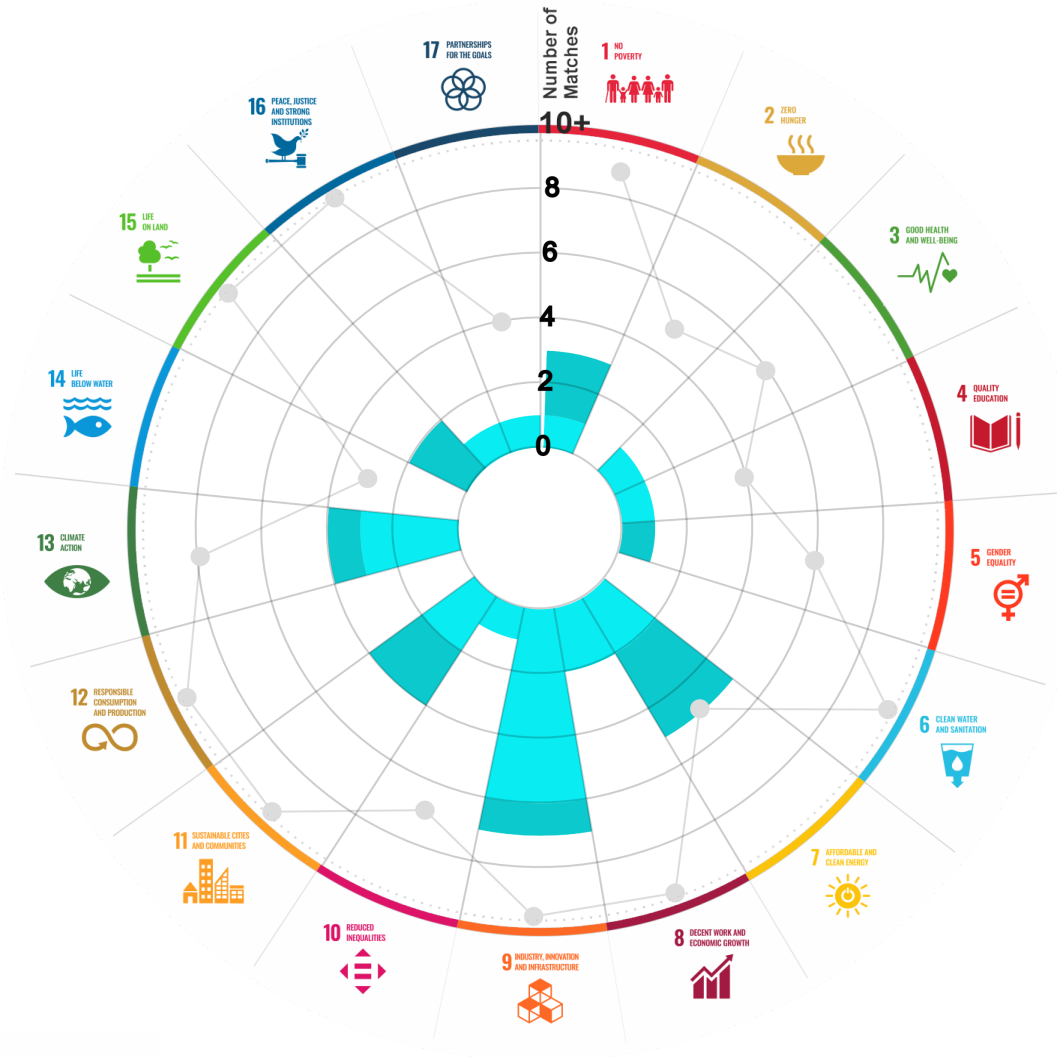
**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**13** CLIMATE ACTION



### 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 AGUASCALIENTES.

SECTOR: ELECTRICITY  
SUBSECTOR: SOLAR POWER

<b>Type of Investment:</b>	Brownfield	 Banobras/Fonadin involvement	
<b>Power Auction:</b>	SLP-1/2016: Second Long Term Power Auction		
<b>Short Name of the Project:</b>	0572 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Solem II		
<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	\$ 3,007,586,458	\$ 145,999,342	

### DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of "Solem II", formerly known as Alten Aguascalientes 6, photovoltaic power plant with a total production capacity of 140 MW in the state of Aguascalientes. The plant has the following features:

Power Zone: National

Export Area: "Occidental" / Export Subarea: "Occidental-Centro"

Price Area: Centro

Interconnection Zone: ALTEN ENERGÍAS RENOVABLES MANIOBRAS AEM-230

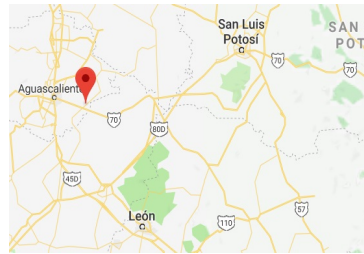
(\*) Project with Banobras and/or National Infrastructure Fund (Fonadin) involvement or support.

**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 140 MW

### GEOLOCATION



### SPONSOR



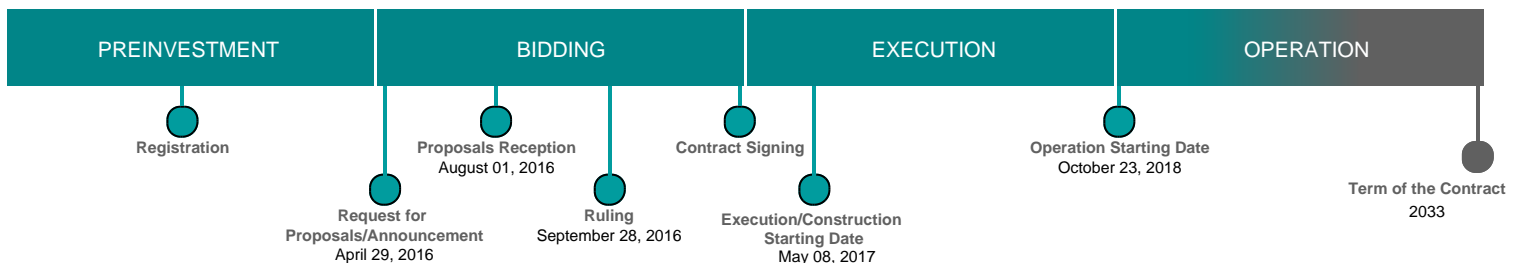
#### Entity

Privado

#### Department

Alten Energías Renovables

### TIMELINE



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



**SHCP**  
SECRETARÍA DE HACIENDA  
Y CRÉDITO PÚBLICO

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