



PROJECT: 0708 CENACE. 3rd Long Term Power Auction (SLP-1/2017) Villa Ahumada

SECTOR:
Electricity

SUBSECTOR:
Solar Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 

Project's sustainability summary: The Project consists in generating clean energy with the use of photovoltaic technology and considers sustainability practices in environmental and social aspects, too.

ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
One of the main functions of the Clearing House is to administer and supervise the fulfillment of the Contract, the risks and the guarantees.

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 fauna monitoring program is mentioned to be implemented with the support of a team of biologists and specialized environmental technicians, during the life of Project.

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
The Project foresees a Social Management Plan with objectives and preventive measures to protect the health and safety of workers; as well as the community, in general.

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 Concessionaire has corporate objectives aligned to the Guiding Principles of the Office of the United Nations High Commissioner for Human Rights.

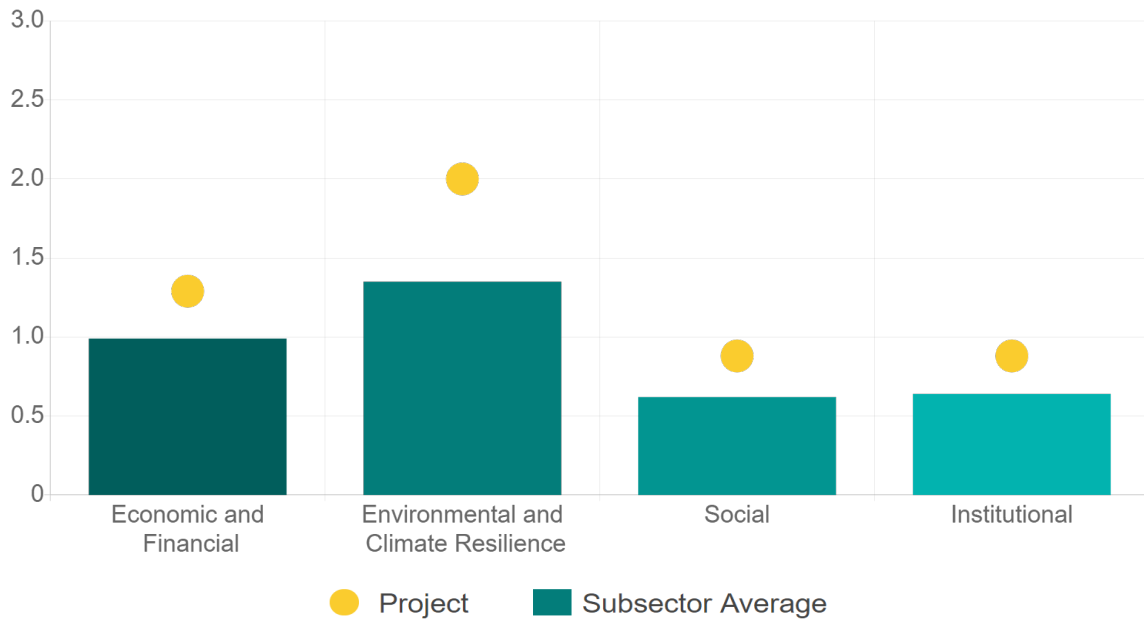
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies				
Sectoral and institutional integration				
Corporate sustainability, management and governance				
Transparency and anti-corruption protocols				
Legal requirements and compliance with social and environmental 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: Vendor Contract Form Annex / Environmental Impact Assessment BNB Villa Ahumada Solar I / Social Impact Assessment BNB Villa Ahumada Solar I / Contracts Clearing House Operational Guide / Government website on the Clearing House / Corporate Social Responsibility of the Developer



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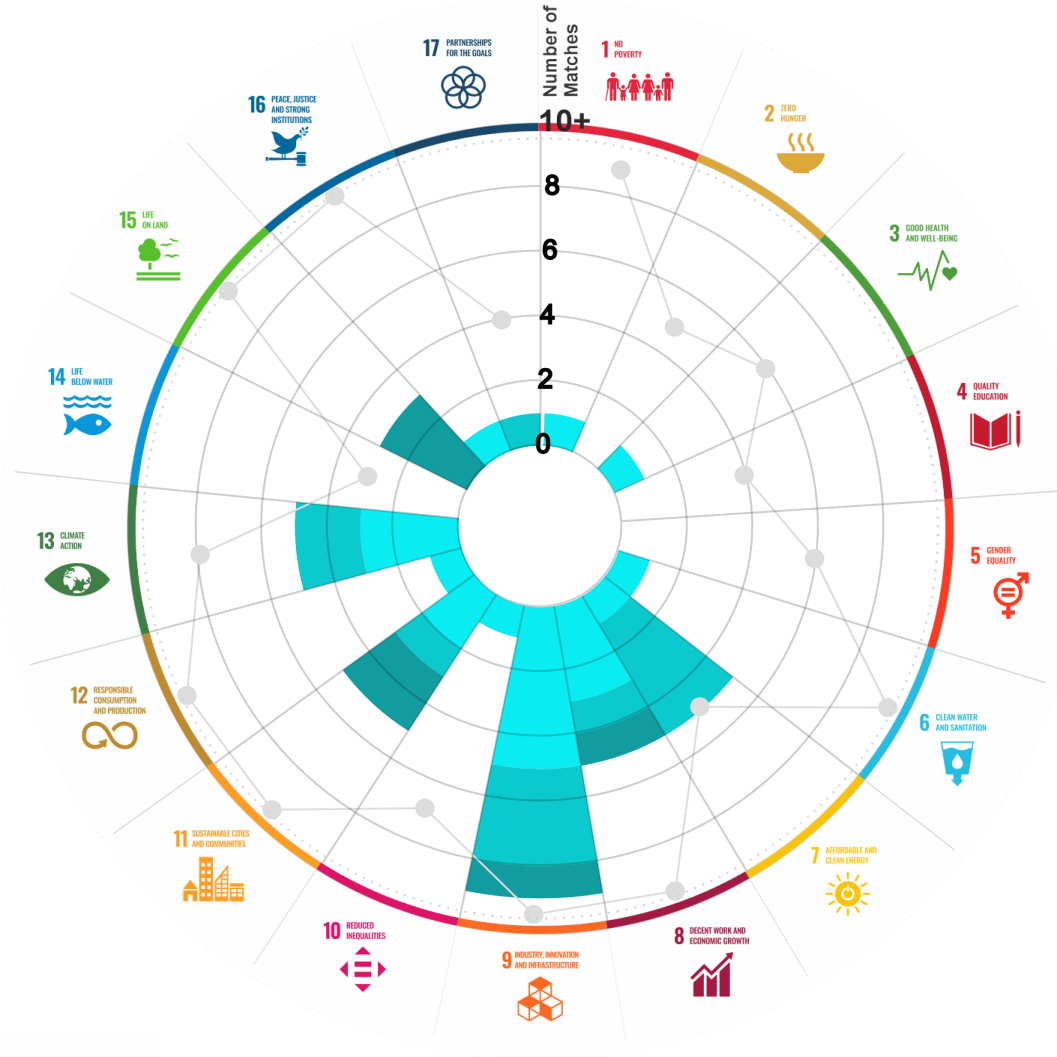
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



3. ALIGNMENT BY CRITERIA AND TARGETS

[View](#)

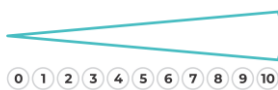


Explanation of the alignment of the sustainability criteria and the SDGs.

[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 CHIHUAHUA.

SECTOR: ELECTRICITY
SUBSECTOR: SOLAR POWER

Type of Investment:	Brownfield		
Power Auction:	SLP-1/2017: Third Long Term Power Auction		
Short Name of the Project:	0708 CENACE. 3rd Long Term Power Auction (SLP-1/2017) Villa Ahumada		
Contract Currency:	Estimated Investment MXN	Estimated Investment USD	Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6
Mexican Pesos MXN	\$ 2,904,000,000	\$ 140,970,873	

DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of "Villa Ahumada" photovoltaic power plant with a total production capacity of 150 MW in the state of Chihuahua. The plant has the following features:

Power Zone: National

Export Area: "Norte"

Price Area: Moctezuma

Interconnection Zone: MOCTEZUMA-(MCZ-230)-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 150 MW				

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