



PROJECT: 0539 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Azufres III Fase II Unidad 18

SECTOR:
Electricity

SUBSECTOR:
Geothermic Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2023

[Guide to read this datasheet](#)

Project's sustainability summary: The project consists of the use of geothermal energy for electricity generation with a total capacity of up to 252.36 MW, with an estimated annual production of 1,890 GWh, equivalent to avoiding the consumption of 3 million barrels of oil per year, benefiting 11 million people. population.

ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES

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

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

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

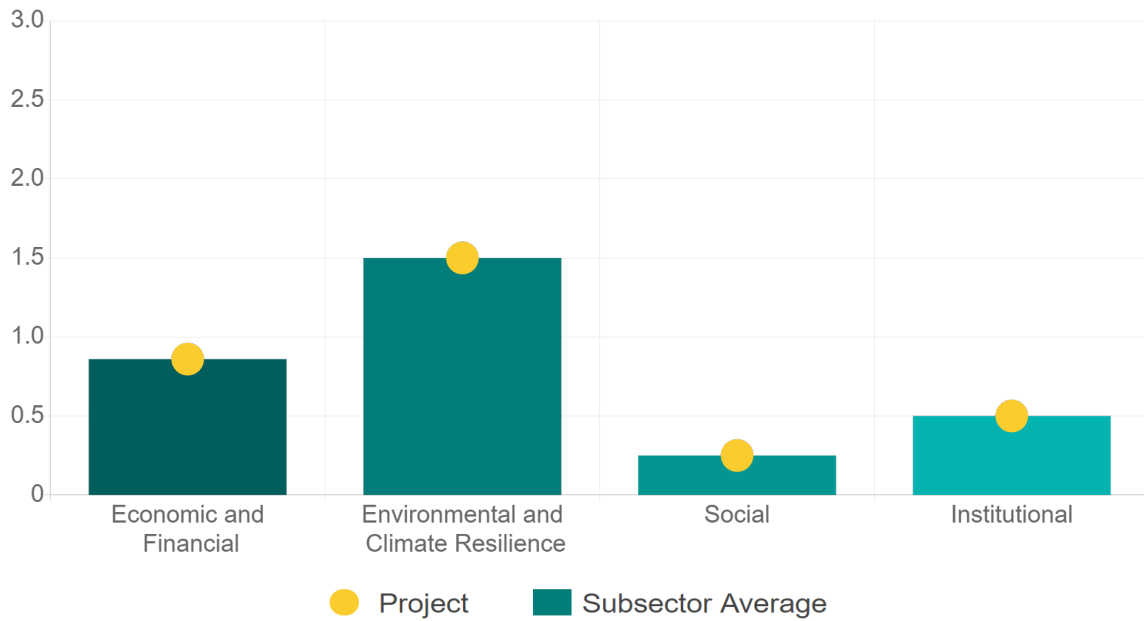
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies		█		
Sectoral and institutional integration		█		
Corporate sustainability, management and governance	█			
Transparency and anti-corruption protocols		█		
Legal requirements and compliance with social and environmental 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: Judgment Record 2016 / Call for auction / Bidding Bases / Designation of Social Witness / Mexican Transparency Report / Minutes of the CENACE Transparency Committee 2018 / Electricity Coverage Contract Model v2016 / EIA / EIA Resolution / Permit Title / CRE Resolution / CFE website / Code of ethics / Code of Conduct / Project Video



Comparison of this project vs other projects of the same subsector

(Number of projects included: 1)



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

[View](#)



PROJECT: 0539 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Azufres III Fase II Unidad 18

SECTOR:
Electricity

SUBSECTOR:
Geothermic Power

STAGE ANALYZED:
Operation

YEAR OF UPDATE:
2023

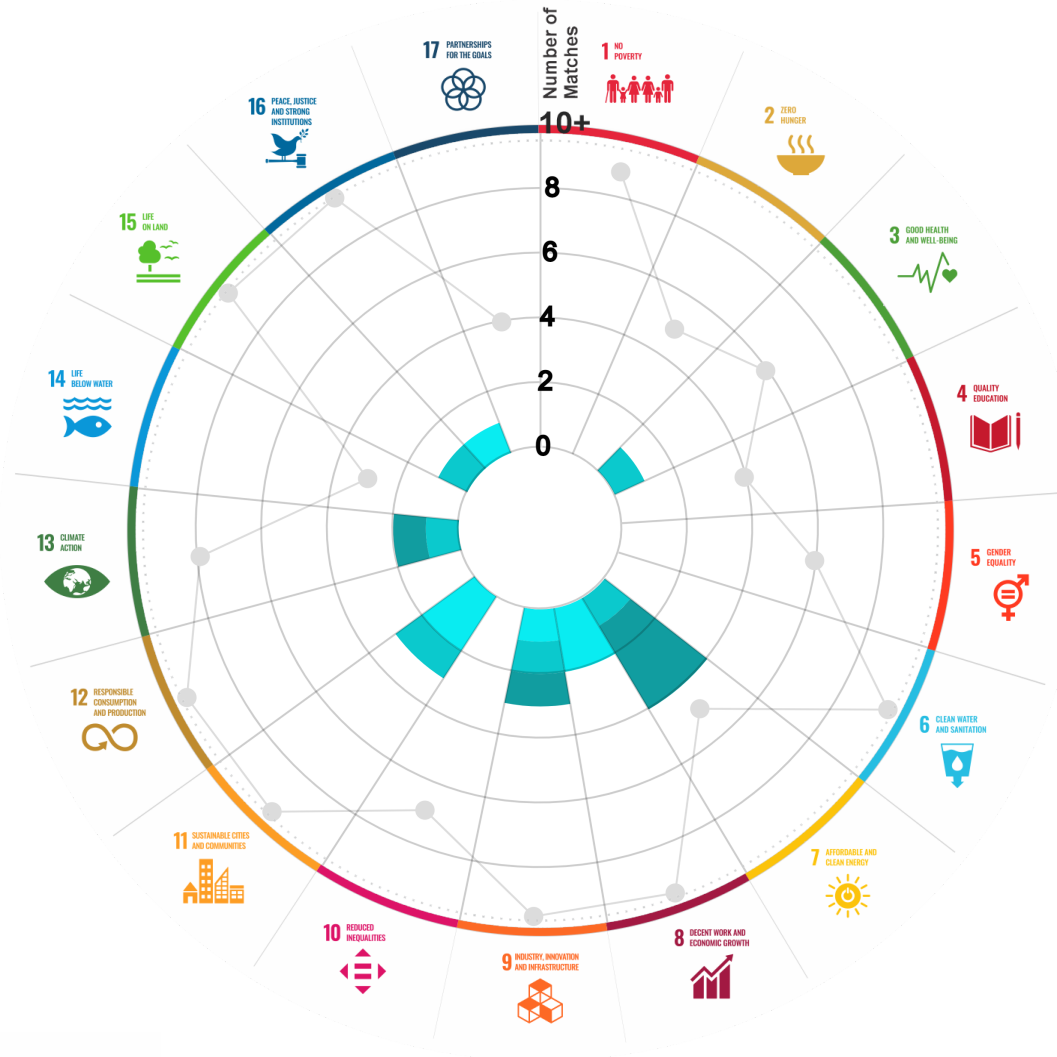
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



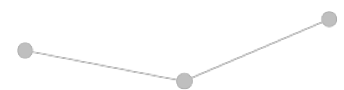
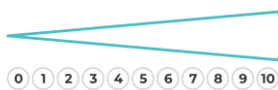
3. ALIGNMENT BY CRITERIA AND TARGETS

[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 GEOTHERMAL POWER PLANT IN THE STATE OF MICHOACAN.

SECTOR: ELECTRICITY
SUBSECTOR: GEOTHERMIC POWER

Type of Investment:	Brownfield		
Power Auction:	SLP-1/2016: Second Long Term Power Auction		
Short Name of the Project:	0539 CENACE: 2nd Long Term Power Auction (SLP-1/2016) Azufres III Fase II Unidad 18		
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	\$ 5,400,000,000	\$ 262,135,922	

DESCRIPTION

The project consists of the design, construction, equipment, installation, operation and maintenance of Azufres III Fase II Unidad 18 geothermal power plant with a total production capacity of 252 MW in the state of Michoacan. The plant has the following features:

- Power Zone: National
- Export Area: "Occidental"
- Export Subarea: "Occidental -Guadalajara/Carapan"
- Price Area: Carapan
- Interconnection Zone: AZUFRES SWITCHEO AZS-115

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

Type of Project:	Private	Selection Process:	Public Auction	Term:	15 years
Type of Contract:	Assignment	Payment Source:	Project revenues		

Asset (s): Geothermal Fields 252 MW

GEOLOCATION



SPONSOR



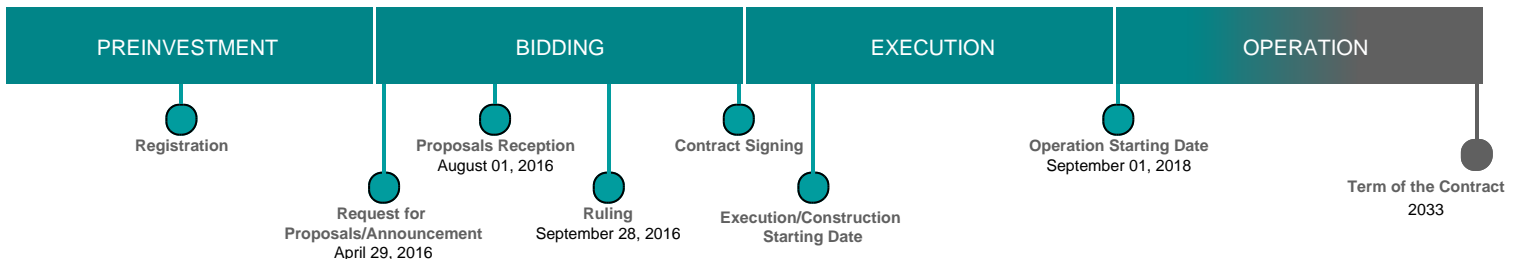
Entity
Comisión Federal de Electricidad

Department
Empresa Productiva Subsidiaria Generación

Contact
Eduardo Buendía Domínguez

E-mail
eduardo.buendia@cfe.gob.mx

TIMELINE



Email: proyectosmexico@banobras.gob.mx



SHCP

SECRETARÍA DE HACIENDA
Y CRÉDITO PÚBLICO

BANOBRAS

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