



PROJECT: 0223 CFE: Topolobampo III Combined Cycle Power Plant

SECTOR:
Electricity

SUBSECTOR:
Thermic Power

STAGE ANALYZED:
Execution

YEAR OF UPDATE:
2020

[Guide to read this datasheet](#) 

Project's sustainability summary: The project aims the modernization of energy infrastructure at lower costs for the supply and offer of regional electric energy.

ECONOMIC AND FINANCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
The asset maintenance is designed to guarantee the electric service supply.

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 includes the use of technology to measure, monitor and assess GHG emissions, and water conservation and treatment during its life cycle.

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 and enhancement of public spaces		█		

SOCIAL SUSTAINABILITY

EXAMPLE OF GOOD PRACTICES
The project has contributed to the preservation of a indigenous ceremonial centre for the region.

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 project is aligned to development goals at national, state and local level for the energy provision in the region.

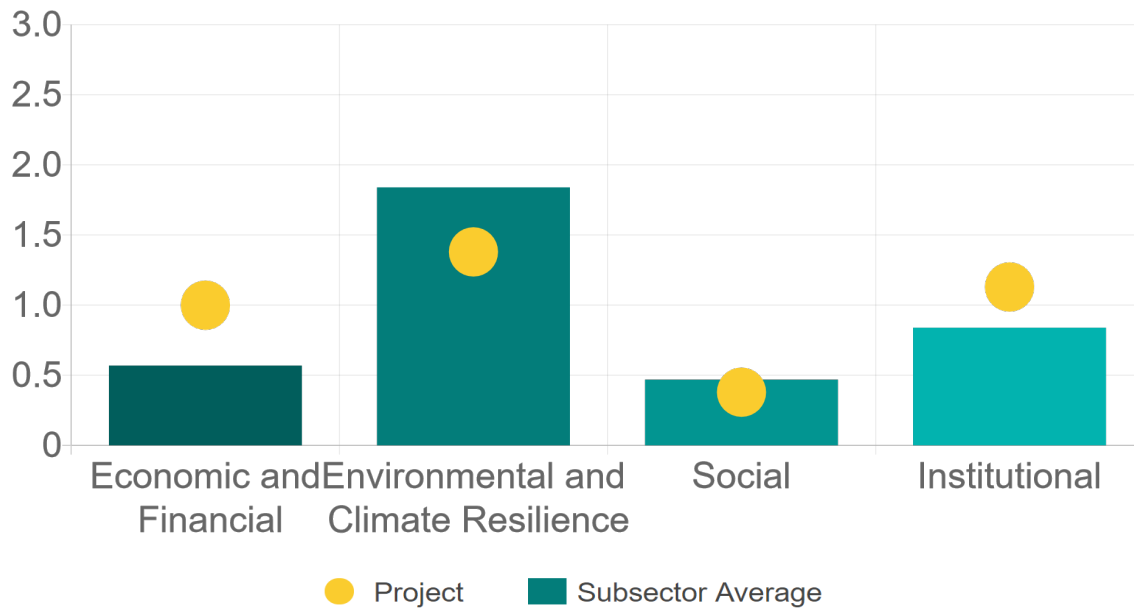
Sustainability criteria	NA	T1	T2	T3
Alignment with national and international strategies		█	█	
Sectoral and institutional integration		█		
Corporate sustainability, management and governance		█		
Transparency and anti-corruption protocols		█	█	
Legal requirements and compliance with social and environmental 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: Environmental Impact Assessment (MIA) / MIA Resolution / Sustainability Report 2019 (Iberdrola) / Anti-corruption code (Iberdrola) / Crime prevention code (Iberdrola) / Social Witness



Comparison of this project vs other projects of the same subsector

(Number of projects included: 4)



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

[View](#)



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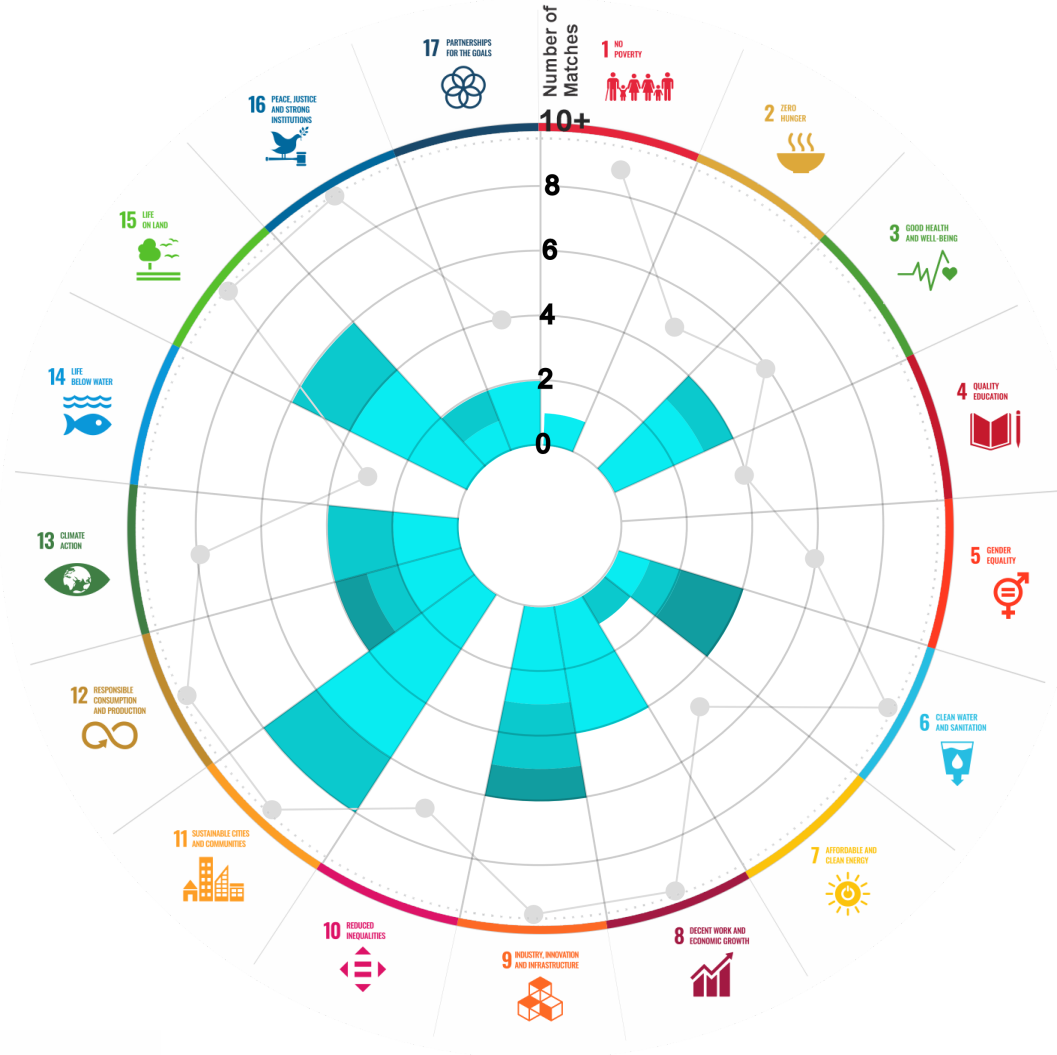
This section aims to present the potential alignment of the infrastructure project with the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda. The relevance of this exercise resides in that it provides information to the actors of the infrastructure ecosystem for decision-making in investment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

Reading guide [View](#)

1. ALIGNMENT BY SUBSECTOR



2. ALIGNMENT BY SDG



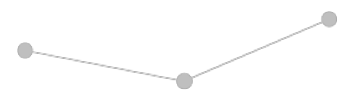
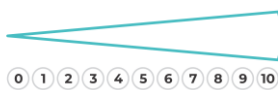
3. ALIGNMENT BY CRITERIA AND TARGETS

[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 THE TOPOLOBAMPO III COMBINED CYCLE PLANT IN THE STATE OF SINALOA.

SECTOR: ELECTRICITY
SUBSECTOR: THERMIC POWER

Type of Investment: Brownfield

Short Name of the Project: 0223 CFE: Topolobampo III Combined Cycle Power Plant

Contract Currency:
US Dollars USD

Estimated Investment MXN
\$ 7,722,466,715

Estimated Investment USD
\$ 374,877,025

Exchange rate (USD/MXN) used by the Ministry of Finance for the economic plan 2023 \$ 20.6

DESCRIPTION

Construction, installation, operation and maintenance of a combined cycle plant with a net capacity of 779 MW, in the municipality of Ahome, Sinaloa.

The plant is composed of:

- 2 gas turbines.
- 1 steam turbine.
- 2 to 3 heat recovery units.
- 1 open cooling system with sea water.

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

Type of Project: Public / Private

Selection Process: International Tender Under Treaty

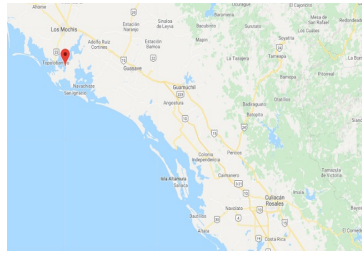
Term: 25 years

Type of Contract: Provision of services

Payment Source: Project revenues / Rate

Asset (s): Combined Cycle Power Plant 779 MW

GEOLOCATION



SPONSOR

Entity

Comisión Federal de Electricidad

Department

Gerencia de Licitación y Contratación de Proyectos de Inversión Financiada

TIMELINE



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SHCP

SECRETARÍA DE HACIENDA
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