Early Warning System

IFC-48439

CnC-MAS Mexinol

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Quick Facts

Countries	Mexico
Specific Location	Topolambo, Sinaloa
Financial Institutions	International Finance Corporation (IFC)
Status	Approved
Bank Risk Rating	A
Borrower	Pacifico Mexinol S. de R.L. de C.V.
Sectors	Energy, Industry and Trade

Project Description

According to the bank's website, IFC is a co-developer with financing rights in Pacifico Mexinol S. de R.L. de C.V. for the development of a greenfield ultra-low-carbon methanol production facility in Sinaloa, Mexico.

The facility aims to support Mexico’s clean energy transition and industrial decarbonization objectives, contribute to national emissions reduction goals by reducing natural gas flaring, strengthen industrial competitiveness, and generate local employment, while producing methanol for both domestic consumption and export.

The Project is being developed by Mexinol, a newly established company majority-owned by Transitions Industries LLC, a U.S.-based developer of low-carbon chemical projects, including methanol and ammonia. Annual production is projected at approximately 340,000 metric tons (MT) of green methanol (produced from captured carbon and green hydrogen) and 1.8 million MT of blue methanol (produced from natural gas using AdWinMethanolZero® carbon capture technology) with an anticipated operational life of 30 years. With this technology nearly all CO2 generated in the plant from the natural gas feed will be converted into methanol.

Early Warning System Project Analysis

The Project will be located in the municipality of Ahome, northern Sinaloa, Mexico. The total footprint will cover approximately 152 hectares, including the main process and utilities plant (wastewater treatment plant, air separation units, hydrogen production plant, bunded storage tanks, plant storm drainage system), upgrading of the existing jetty at the port of Topolambo for methanol export, temporary and permanent rights-of-way and additional areas required for construction of methanol export and vapor recovery underground pipelines (10.3km long) to the port during ships loading, as well as the pipelines (24” and 16”) for pre-treated water transfer and return of the rejected water (both 10 km long) from JAPAMA (Water and Wastewater Utility of the Municipality of Ahome).One associated facility—a 43 km transmission line and a 40 kV substation—will be constructed by a third party. As an associated facility, it is currently outside the formal scope of the Project’s Environmental and Social Impact Assessment (ESIA). However, a preliminary impact assessment has been conducted based on the most recent route alignment and available design information, and the findings are presented in the ESIA. A separate IFC-aligned ESIA process will be initiated once the transmission line route, design, and engineering are finalized and key financing milestones are achieved.An ESIA had been prepared. The ESIA and supporting studies are being disclosed as part of this early disclosure process. The Project has been provisionally classified as Category A, subject to confirmation during appraisal.The ESIA should not be taken as an indication that IFC has completed its review of the potential investment. Upon completion of the E&S Due Diligence process, an Environmental and Social Review Summary (ESRS) will be prepared and published on this website.

Investment Description

- International Finance Corporation (IFC)

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Pacífico Mexinol, S. de R.L.	Client	-

Contact Information

No project contacts provided at the time of disclosure.

ACCESS TO INFORMATION

You can submit a request for information disclosure at: https://disclosures.ifc.org/#/inquiries

If you believe that your request for information from IFC has been unreasonably denied, or that this Policy has been interpreted incorrectly, you can submit a complaint at the link above to IFC's Access to Information Policy Advisor, who reports directly to IFC's Executive Vice President.

ACCOUNTABILITY MECHANISM OF IFC/MIGA

The Compliance Advisor Ombudsman (CAO) is the independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an IFC or MIGA- financed project. If you submit a complaint to the CAO, they may assist you in resolving a dispute with the company and/or investigate to assess whether the IFC is following its own policies and procedures for preventing harm to people or the environment. If you want to submit a complaint electronically, you can email the CAO at CAO@worldbankgroup.org You can learn more about the CAO and how to file a complaint at http://www.cao-ombudsman.org

Bank Documents

- Appendix 1_BMP Pacifico Mexinol
- Appendix 2_SEP Pacifico Mexinol
- Appendix 3_IPF Pacifico Mexinol
- Pacifico Mexinol Plant ESIA-MASTER-FINAL

Government Documents

- MANIFESTACION DE IMPACTO AMBIENTAL MODALIDAD REGIONAL PARA EL PROYECTO MEXINOL EN TOPOLOBAMPO, SINAL

Media

- Noroeste
- SEMARNAT: Arranca en Sinaloa la construcción de la mayor planta de metanol de ultra bajo carbono del
- Sinaloa: La planta de Mexinol en Topolobampo será la más grande del mundo, afirma el Gobernador Roch

Other Related Projects

- IDBI-15761-01 Mexinol - Methanol Production Project in Mexico