

 Early Warning System

WB-P509972

Thailand HCFC Phaseout Stage III and HFC Phasedown Stage I Project



Quick Facts

Countries	Thailand
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	B
Voting Date	2027-02-24
Borrower	Government of the Kingdom of Thailand
Sectors	Energy
Investment Amount (USD)	\$ 55.43 million
Grant Amount (USD)	\$ 55.43 million
Project Cost (USD)	\$ 55.43 million



Project Description

According to the World Bank, the project development objective is to reduce HCFC and HFC consumption while improving product energy efficiency to enable the Royal Thai Government to comply with Montreal Protocol and Multilateral Fund obligations.

The project will be implemented by the Department of Industrial Works under the Ministry of Industry, which is empowered by the Government to be the implementing agency of the Montreal Protocol. The proposed project comprises of the following components:

- i. Strengthening the capacity of training institutes to produce qualified service technicians skilled in handling non-HCFC-based equipment, as well as providing financial incentives to encourage the adoption of low-GWP (Global Warming Potential) alternatives.
- ii. Development of HFC phase-down roadmap including HFC phasedown implementation plan for the period from 2026 to 2032. This component will entail investment subprojects to convert cooling industry from HFC technology to low-GWP HFC or zero-GWP technology as well as energy efficiency improvement, where possible. In addition, this component will also provide technical assistance to help establish the regulatory, institutional, and technical frameworks required for a sustainable HFC phasedown.
- iii. Development of an investment program to finance replacement and/or upgrade of existing equipment to high energy-efficiency and low-GWP technologies.

MLF fund will be used as seed money to support Energy Efficiency Revolving Fund (EERF) to stimulate the early adoption of the low GWP and high energy efficiency technologies. The EERF will support investment activities in residential air conditioning, chiller and commercial and industrial refrigeration sectors to improve energy efficiency. Details of eligibility criteria and exclusion list will be established during project preparation.



Investment Description

- World Bank (WB)

According to the information provided, the funds will come from the Montreal Protocol Investment Fund.



Contact Information

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ACCESS TO INFORMATION

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Bank Documents

- [Concept Environmental and Social Review Summary \(ESRS\) - Thailand HCFC Phaseout Stage III and HFC Ph](#)
- [Concept Project Information Document \(PID\)](#)