

Preparation of the Indonesia's Enhanced Nationally Determined Contribution (NDC) Investment Roadmap for Energy Efficiency



PROJECT SNAPSHOT

Country: Indonesia

Indonesia's enhanced Nationally Determined Contribution (NDC) sets a bold goal: a 132 million CO2 emissions reduction by 2030 through targeted energy efficiency initiatives. However, achieving this target requires overcoming two key hurdles: securing adequate funding and developing a strategic roadmap.

ETP is working to address these critical areas, enabling Indonesia to transform its ambitious target into a tangible reality, paving the way for a cleaner and more sustainable future.



ETP'S CONTRIBUTION

The project utilises the Ministry of Energy and Mineral Resources (MEMR) data repository, focusing on investment grade audit results in selected industries and buildings, along with modeling results for efficient appliances. It aims to estimate the investment requirements for specific energy efficiency targets, proposing a regulatory framework and identifying potential funding sources to support energy efficiency development

KEY OUTPUTS

Development of an Energy Efficiency Investment Strategy Roadmap, including an estimation of investment needs to achieve emission reduction from air-conditioning, building management, and selected industries (food and beverage).

CONNECT



IMPLEMENTATION PARTNERS

TramaTecnoAmbiental (TTA)



STAKEHOLDERS

Ministry of Energy and Mineral Resources



PROJECT DURATION

August 2023 - November 2023

CONTACT DETAILS

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IMPACT

→ Emission reductions resulting from energy efficiency programs will contribute to achieving the enhanced NDC target of reducing 132 million CO2 emissions by 2030



OUTCOME

→ A strategic roadmap for implementing energy efficiency investments, as a reference for the government and relevant stakeholders



OUTPUT

→ An estimation of energy efficiency investment needs in selected industries (food and beverage)

An estimation of total investment needed to achieve 29 million CO2 emission reduction from air conditioning

A description of a best practices in energy management within buildings