







MTRE3 PROJECT

SUPPORTS ON ENERGY EFFICIENCY APPLICATION IN INDONESIA



To support the design and implementation of appropriate climate change mitigation actions in the energy generation and energy end use sectors.

The project will tackle the barriers to the widespread application of RE and EE in the country's energy generation and energy end use sectors through the strategically defined activities.

COMPONENT ACTIVITIES

O1 Climate change mitigation options for the RE based energy generation and energy efficiency

Market transformation through implementation of appropriate mitigation actions in the RE based energy generation and energy efficiency.

O3 Support to the implementation of MRV system and national registry for mitigation actions in the RE based energy generation and energy efficiency

PROJECT STRATEGY

Implementation / Best Practices and Cost Effective Development of RE and Energy Efficiency in Commercial Building

National Appropriate Mitigation Action (NAMA) at Selected Provinces

4 NAMA's RE Pilot Provinces

- Jambi
- Riau
- East NusaTenggara
- VY/pst Sulawpsi

15 MW Installed RE

- 7 MW of Hydro Dower
- 6 MW of Biomass Power
- 2 MW of Solar PV

Energy Efficiency in Commercial Buildings (EE NAMA)

- BAU Specific Energy Consumption (SEC) 285 kW/h/m2:
- 20% reduction from BAU
- Minimum commercial building area
- in addition to the 4 pilot provinces, EE can also be implemented in 4 big cities in Indonesia: Jakarta, Bandung Surabaya and Medan

MTRE3 PROJECT OUTCOMES

27,019 tons CO₂ eq

Cumulative direct CO₂ emissions reduction

Cumulative number of additional households (from baseline) having acces to electricity

80,000

79,190 MWh

Cumulative energy produced from RE systems facilitated by the project

Number Of small-to-medium scale RE/EE projects that were financially supported by the Sustainable Energy Fund,

10

8,550 MWh

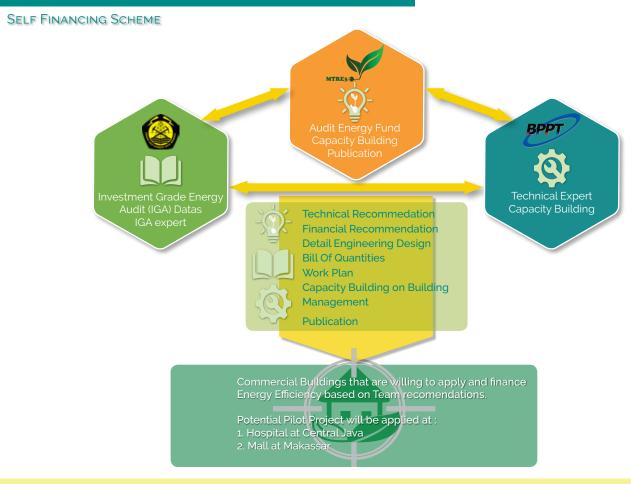
Cumulative energy saved from EE in commercial buildings facilitated by the project

Cumulative amount of funds from the SEF used in financially supporting small-tomedium scale RE/EE projects

million US\$

25 million US\$ Cumulative volume of public and private investment mobilized for SEF

MTRE3 Supporting Implementation Energy Efficiency at Commercial Building in Indonesia



ESCO SCHEME

MTRE3 will ofer 2 (two) Commercial Building to get Free Comprehensive and Bankable IGA. It will in coooperation with EBTKE-ESDM, BPPT, ESCO and Potensial Financial Institution.

