Thailand Refrigeration and Air Conditioning
Nationally Appropriate Mitigation Action (RAC NAMA)

Energy efficiency

* > 10,000 beneficiaries
* 1.94 Mt CO2e

The NSP aims to initiate a sector-wide transition towards the use of “green cooling” and energy efficient technologies, contributing to a transformation towards a low carbon society by shifting investments and production towards climate-friendly solutions.

Change in the Face of Challenges

- Disadvantaged market position of local manufacturers due to new requirements of international and domestic regulations.
- Lack of informative energy efficiency label
- Lack of appropriate financing schemes targeted at climate-friendly and energy-efficient cooling technologies

Achieving Transformational Change

Financial component

Supply: Grants and soft loans for production line conversion.

Demand: Private credit offers with low to zero interest rates and flexible repayment terms

Technical component

Awareness raising, improvement of technical capacities through trainings and support in compliance with new production standards.

Expected Outcomes

- Raised awareness of 10,000 consumers and 500 companies
- 222 head technicians and chief trainers trained in best practices of natural refrigerant use and servicing
- Strengthened policy framework by adopting or amending low-carbon policies, regulations or standards in the cooling sector

Ministry of Natural Resources and Environment, Ministry of Energy, Electricity Generating Authority of Thailand

EUR 14.7 million

Implementation

2016-2021