

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



## Energy efficiency



> 10,000 beneficiaries



1.94 Mt CO<sub>2</sub>e



GIZ

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.



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



EUR 14.7 million



Implementation



2016-2021



## 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