The ‘RAC NAMA Fund’ is Thailand’s first climate finance project with the funding of 8.3 million Euro (about 300 million Baht) from the NAMA Facility, a joint initiative of the Federal Republic of Germany and the United Kingdom. The Fund comes under the Thailand Refrigeration and Air Conditioning Nationally Appropriate Mitigation Actions (RAC NAMA) project. GIZ is commissioned to implement the project in partnership with the Office of Natural Resources and Environmental Policy and Planning (ONEP), the Department of Alternative Energy Development and Efficiency (DEDE) and the Electricity Generating Authority of Thailand (EGAT) to provide technical, policy, and financial assistance. The activity runs until March 2021.

**HIGHLIGHTS**

- 1st climate finance in Thailand
- More than 200,000 green cooling products are expected to launch on the domestic and export markets in 2021

**IMPACT**

- 1.75 Mton of CO$_2$ reduction per year in 2030
- 3.5 TWh/Year energy saved
- 400 tons of damaging refrigerants avoided per year
- 1.75 Mton of CO$_2$ reduction per year in 2030

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The Operation of RAC NAMA Fund*

Financial support for energy efficient cooling technology with natural refrigerants
EGAT as Project Fund Manager
Duration: December 2017 - Present

*Remark: These are approximate figures and as of February 2020.

- **4** producers
- **4** producers / distributors
- **43 MB** from producers' own contribution on marketing

Adding total investment of **198 MB** to stimulate the demand for green cooling

- **52 MB** credit line for production line conversion (one-year term)
- **155 MB** credit line for market introduction and sales promotion
- **90 MB** sub-grants for production line conversion
- **70 MB** from producers' own contribution

Create total investment of **160 MB**

- **90 MB** sub-grants for production line conversion
- **70 MB** from producers' own contribution

**65,000 units** sales forecast (in the first year)

Create **1,124 MB** of green cooling market (in the first year)

- **15,000 units** sold (6-month campaign)
- **2,000-3,000 trained technicians by 2022**
- **236 MB** of consumer spending stimulated

Currently over **80%** are domestic refrigerators with natural refrigerants

- **10 MB** to support credit-card campaign with 0% for 10-month installment (for green cooling refrigerators)
- **15,000 units** sold (6-month campaign)

**10 MB** for marketing and sales promotion

**15 MB** for training facilities

**70 MB** from producers' own contribution

**90 MB** sub-grants for production line conversion

**70 MB** from producers' own contribution

**150 trained trainers**

**2,000-3,000** trained technicians by 2022

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