



On behalf of:



of the Federal Republic of Germany

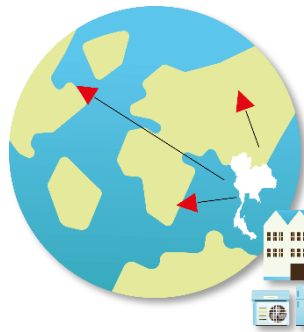


# Enhancing the uptake of green cooling technologies

*Denise Andres*  
*Green Cooling Initiative*  
*Scaling Sustainable Consumption and Production*

24 March 2022

Asia-Pacific GPP Network Webinar



# Green Cooling Initiative III

Promote **green cooling** approach to reduce GHG emissions from cooling sector

## Duration:

Aug 2021 – July 2024

## Partner countries:

Thailand, Vietnam, Bangladesh, Kenya, Uganda, Colombia and Honduras



## Partners:

ONEP  
EGAT  
DSD  
KMUTNB

## Focus Area in Thailand

**“Supporting the end-user uptake of green cooling technologies”**

- ✓ **Demonstrate green cooling technologies**
- ✓ Support **market dissemination**
- ✓ Promote **sustainability of trainings and skill development** for technicians
- ✓ **Strengthening “green cooling community”** with technical evidence, experience, and networks

## As a regional hub

**“Strengthening the Green Cooling Community and Market”**

- ✓ **Matchmaking:** Navigating regional markets to strengthen supply chain networks for green cooling technologies within SEA
- ✓ **Standards:** Aligning knowledge on product and safety standards to enhance trading procedures/relations
- ✓ **Qualification:** Coordinating experience on standards and qualification of technicians to improve competence in handling of green cooling technologies

**Different approaches for different markets**

**Commercial Refrigeration**

**Air Conditioning**

# How can GPP support in enhancing the uptake of green cooling technologies?

---

## Public Procurement can enhance demand for green products

Green ACs have been prototyped and have already been produced for training purposes.

Product safety standards becomes mandatory from June 2022 – green ACs can be sold on the market.

### Demonstrating green ACs

- Shows their use in normal settings
- Shows application of standards
- Allows for a controlled environment wherein installation and maintenance can be done by manufacturer or servicing company with proper training

### Demonstrating green ACs using GPP

- Facility management handles installation and maintenance (whether in-house or outsourced)
- Demonstrates contract modalities for bigger purchases and B2B
- Replicability for other government and private institutions is high
- M&E system can be more easily set up to track the impact

# How can GPP support in enhancing the uptake of green cooling technologies?

## Scaling Sustainable Consumption and Production

GHG emission reduction through SCP  
focusing on ambitious product criteria and scaling GPP



### REPLICABILITY

#### Generating a blueprint

- Technical specifications (for product and use)
- Developing GPP documents and guidelines
  - GPP policy, strategy and action planning
  - M&E system and GHG reduction
  - Procurement guidelines and trainings



**Improving Institutional and technical competencies** for the implementation of ambitious, climate- and resource-friendly criteria in the **SPP and/or Type I eco-label**



**Increasing scope of sustainable procurement** through pilot measures with national level, sub-national level, and semi-public institutions



**Promoting cooperation on environmental labels and SPP** through knowledge and experience sharing and **regionally harmonized, ambitious product criteria for SPP**

#### Duration:

Jan 2022 – Dec 2024

#### Partner countries:

Thailand, Malaysia, Indonesia, Philippines



On behalf of:



of the Federal Republic of Germany

# Thank You!

*Denise Andres  
Green Cooling Initiative  
Scaling Sustainable Consumption and Production*

**For more information, please contact:**

[Denise.Andres@giz.de](mailto:Denise.Andres@giz.de)