

## TARGET AUDIENCE



**Country representatives** who deal with the implementation of the Kigali Amendment



**Manufacturers** of refrigeration and air conditioning equipment



**End-users** interested in future-proof refrigeration and air conditioning solutions with natural refrigerants

## SAVE THE DATE

June 9-10, 2020

Berlin, Germany

Organizers:

**Umwelt  
Bundesamt**

**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

Supported by:



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## Managing HFC Phase-down with Natural Refrigerants

### Contact

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### Venue

GIZ Berlin Representation  
Reichpietschufer 20  
10785 Berlin, Germany

International workshop on  
policies and technical approaches  
to implement the Kigali Amendment

## TWO-DAY CONFERENCE

## BACKGROUND

## OBJECTIVE

### Preliminary Agenda

#### Day 1

**Presentations: Policies of individual countries** on how to implement the Kigali Amendment based on natural refrigerants.

**Discussion:** How to build on the ‘**lessons learned**’ from national/regional policies to successfully implement the HFC phase-down with natural refrigerants?

**Optional: Plant visit** in the morning

#### Day 2

**Food refrigeration & air conditioning** with natural refrigerants. Learn about **best practice examples and technologies** from developed (A2) & developing (A5) countries.

The **Kigali Amendment to the Montreal Protocol** aims to achieve over 80% reduction in HFC consumption by 2047. In developed countries, the HFC phase-down has started in 2019.

In **developing countries**, the **HFC phase-down** will start for group 1 in 2024 and for group 2 in 2028, and has two stages:

- 1 **Freezing of HFC use** till 2028 [or 2031]
- 2 **Phase-down of HFC use** from 2029 till 2045 [group 2 from 2032 to 2047], with only 20% [15%] of the CO<sub>2</sub>e-rated HFC amounts remaining.

**Alternative refrigerants** must have a low global warming potential (GWP) and no ozone depletion potential (ODP). **Natural refrigerants** such as **ammonia, carbon dioxide and hydrocarbons** meet these requirement, which turns them, especially in combination with their good energy performance, into viable and future-proof alternatives to HFCs.

Promoting the implementation of the **HFC phase-down** and improve energy efficiency for sustainable cooling

Offering room for **exchange and discussion** on concepts and lessons learned regarding policies and legislative approaches

