



**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS

a UNEP convened initiative

Welcome to the OEWG-46 Side Event:
Cooling in Nationally Determined Contributions (NDCs)

Agenda

TIME	TOPIC	SPEAKER
6:00-6:30	Dinner & Refreshments	
6:30-6:45	Opening	Mr. Makoto Kato, CCAC Co-Lead, Japan
6:45-7:00	Overview of Cooling in NDCs	Ms. Denise San Valentin, CCAC Secretariat
7:00-7:15	Approaches and Tools Available on Integrating Cooling in NDCs	Ms. Franziska Schmittner, GIZ Proklima
7:15-7:35	Panel Discussion on Country Experiences & Perspectives	Mr. Pak Sokharavuth, Cambodia Mr. Marindany Kirui, Kenya Ms. Natasha Nakasone, Micronesia Mr. Idris Abdullahi Ishaka, Nigeria Mr. Nguyen Nam, Vietnam
7:35-7:55	Open Discussion	
7:55-8:00	Closing	

Overview of Cooling in Nationally Determined Contributions (NDCs): Guidance for Policymakers

About the Climate and Clean Air Coalition

- Global partnership of 80+ governments, civil society and industry
- Focus on fast action to reduce short-lived climate pollutants including HFCs
- Cooling Hub and projects aim to complement Kigali implementation
- Delivery partner of the Global Cooling Pledge on LRM, anti-dumping efforts and energy efficiency



The Global Mandate to Mitigate HFCs, Improve Energy Efficiency, and Provide Access to Cooling

The cooling sector offers countries a triple opportunity to address climate change:

1. Reduce high-impact fluorinated gas emissions
2. Improve energy efficiency and energy security
3. Adapt to rising temperatures through equitable and sustainable access to cooling

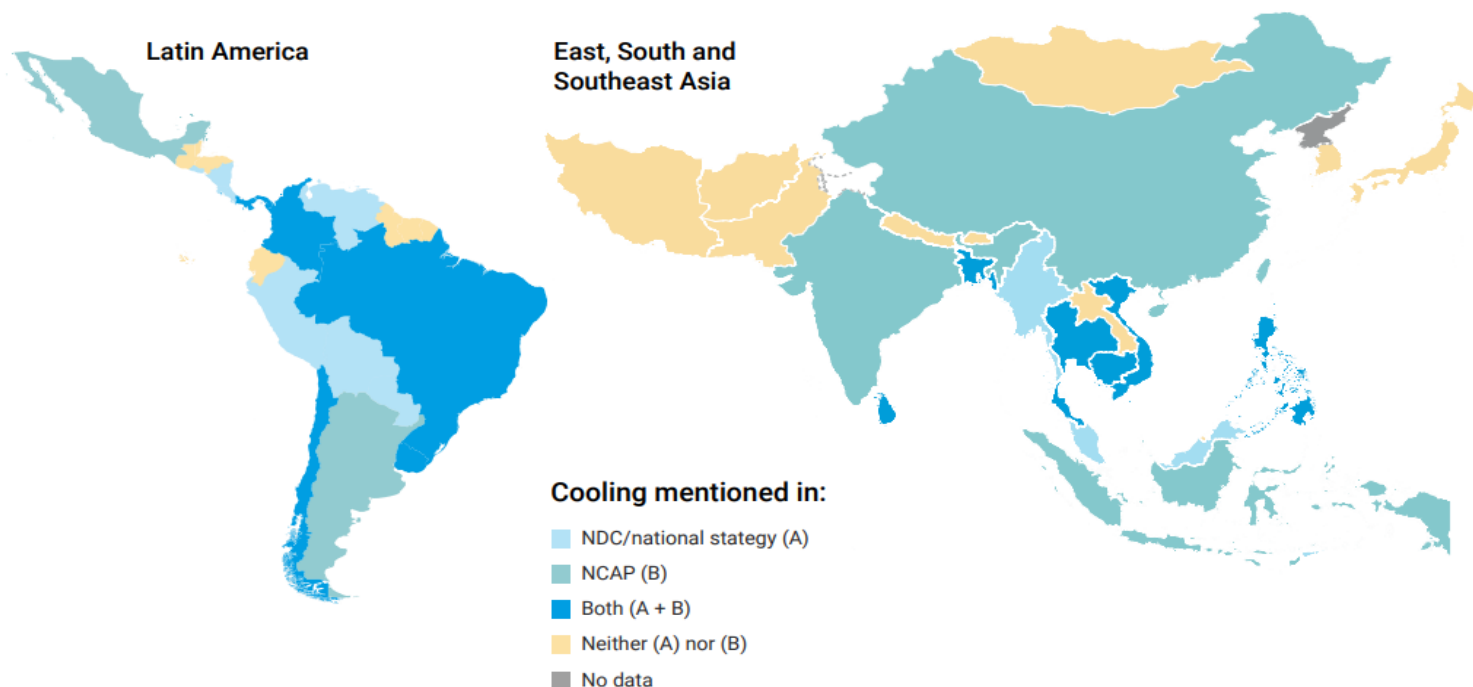
HFCs in NDCs 2020

- In the pre 2020 NDCs, only 31% included HFCs. In the post-2020 NDCs, 54% included HFC.
- While many countries do not outline specific targets for reductions, many of those countries that include HFCs in the scope of their GHG reduction target also identify the implementation of the Kigali Amendment as the key mitigation action to reduce HFCs
- The identification of the Kigali Amendment as the mitigation measure for HFCs provides greater clarity as to how HFC reductions contribute to the overall GHG mitigation target, because there are clear HFC consumption-based reduction targets in the Kigali Amendment that countries have ratified (CCAC; SEI 2021).

Current Status of Cooling in NDCs

- 73 countries (39 per cent) mention cooling and cooling-specific policies in their NDCs, climate strategies or net-zero strategies (Global Cooling Stocktake, UNEP 2023)

Figure 3-4: Countries in Latin America and East, South and Southeast Asia with (a) cooling mentioned in their Nationally Determined Contribution, climate or net-zero strategy, and/or (b) a National Cooling Action Plan, as of May 2023



CCAC GUIDANCE: How to Include Targeted Cooling Measures to Support your NDC's Economy- Wide Target

- Interrelated package that provides background and information on addressing non-CO2 measures and air quality in upcoming NDC 3.0
- Primary audience: national climate policymakers and designated experts responsible for revising and enhancing NDCs, as well as national stakeholders and institutions supporting countries in the revision of their NDCs.
- Provides specific recommendations on how to assess and incorporate new contributions that strengthen the positive climate, environmental, social, and economic outcomes of NDC implementation.
- This Guidance Manual draws from a broad scientific body of knowledge and extensive on-the-ground experience
- **One chapter focuses on cooling**

Steps to identify the goals, measures, costs and benefits offered in the cooling sector and prepare elements aligned with the Katowice guidelines



How can we enhance cooling actions in NDCs?

Full and Fast
Implementation of the
Montreal Protocol's
Kigali Amendment

Voluntary Early Action
under MP/KA

Maximize Energy
Efficiency

Apply Lifecycle
Refrigerant
Management
Approach

Adaptation and
Resilience through
Equitable &
Sustainable Access to
Cooling

Step D: Setting Goals and Selecting Cooling Measures

Sample Cooling Strategies to Include in an NDC

- Economy Wide Target
- Relevant sectors
- Mitigation goals and measures (many with adaptation co-benefits)
- Adaptation goals and measures (many with mitigation co-benefits)
- Financing and Technology Needs and/or Contributions
- Conditionality
- Co-benefits

For more info and to join the CCAC:

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