



# Global Cooling Pledge Signatories Focal Points Meeting

June 13 - 14 2025 | Bonn, Germany

# Co-host Welcome Remarks



**Dr Silke Karcher**

Deputy Director-General, Ministry for  
the Environment, Climate Action,  
Nature Conservation and Nuclear  
Safety of Germany (BMUKN)



**Alessandro Guerri**

Director General, Ministry of  
Environment and Energy Security of  
Italy



**H.E. Ahmed Mohamed Al Kaabi**

Assistant Undersecretary, Ministry  
of Energy and Infrastructure of the  
United Arab Emirates



# Opening Remarks



**Martin Krause**

Director, Climate Change Division,  
United Nations Environment  
Programme (UNEP)

# Special Remarks



**H.E. Adalberto Maluf**  
Vice Minister, Ministry of Environment  
and Climate Change of Brazil



# Group Photo

## GLOBAL COOLING PLEDGE



09:40 - 10:40

# Session 1

## Setting the Scene: From Commitments to Implementation



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety



# Session 1

Setting the scene:  
From commitments  
to implementation



**H.E. Ahmed Mohamed Al Kaabi**

Assistant Undersecretary, Ministry of  
Energy and Infrastructure of the United  
Arab Emirates

## Session opening



# Session 1

Setting the scene:  
From commitments  
to implementation

## Global Cooling Pledge Journey and Progress



**Lily Riahi**

Head of Cool Coalition Secretariat, United Nations Environment Programme (UNEP)

# Cool Coalition: Born from Fragmentation

- Cooling was a blind spot
- Siloed actions
- Leading partners launched the Cool Coalition as a **Transformative initiative** of the 2019 UN Secretary General's Climate Action Summit
- Deliver on the Paris Agreement, Sustainable Development Goals, and the Kigali Amendment.



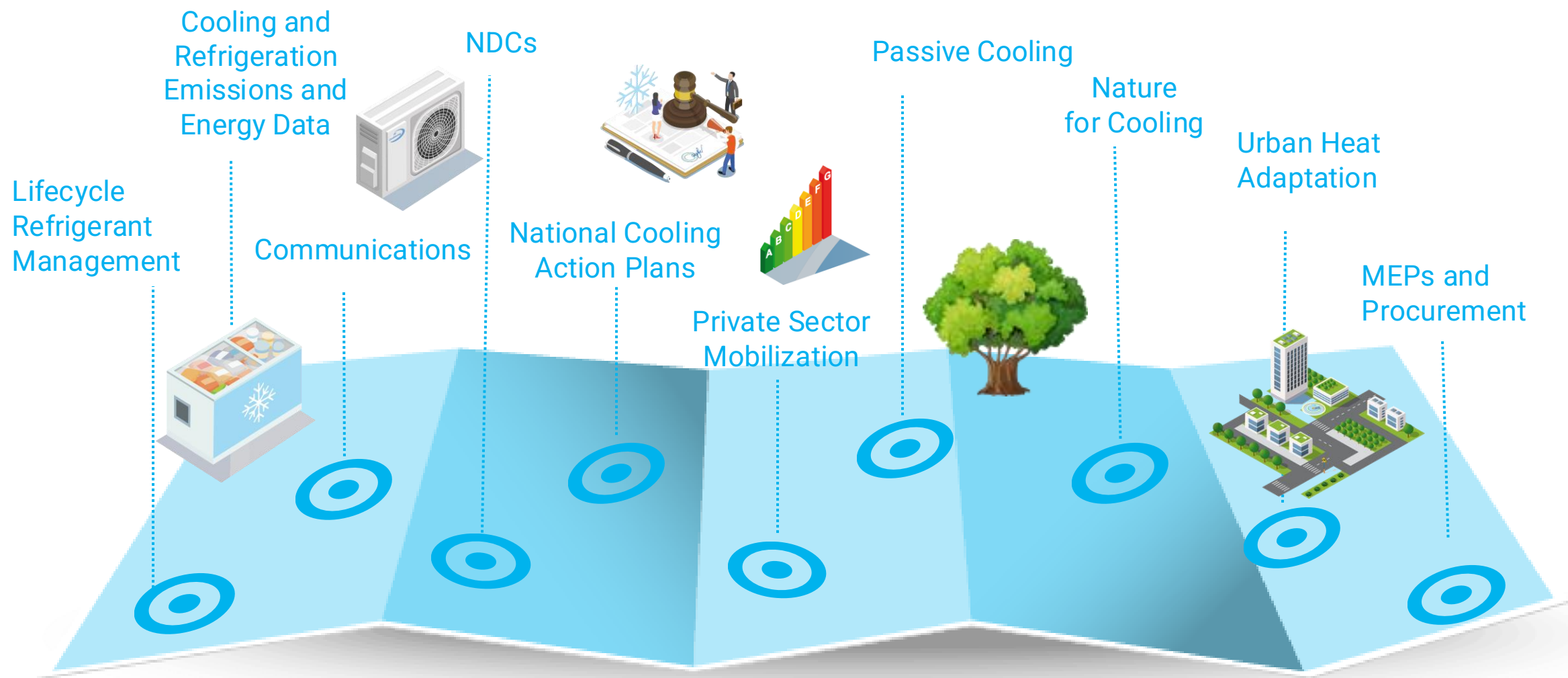
# Cool Coalition: Accelerating Comprehensive Action on Cooling

Leading global platform connecting multi-stakeholders (**250 members, 80+ countries**) to drive **comprehensive action** on sustainable cooling through **3 pillars**:





# Expert Working Groups: Deliver on Advocacy, Science, Action



# Advocacy: COP28 Partnership to Elevate Action on Cooling



*We must move away from cooling systems that are inefficient and polluting and provide equitable access to climate-friendly cooling solutions. We will work with the Cool Coalition and UNEP to elevate this issue and look forward to showcasing solutions at COP28 this year.*

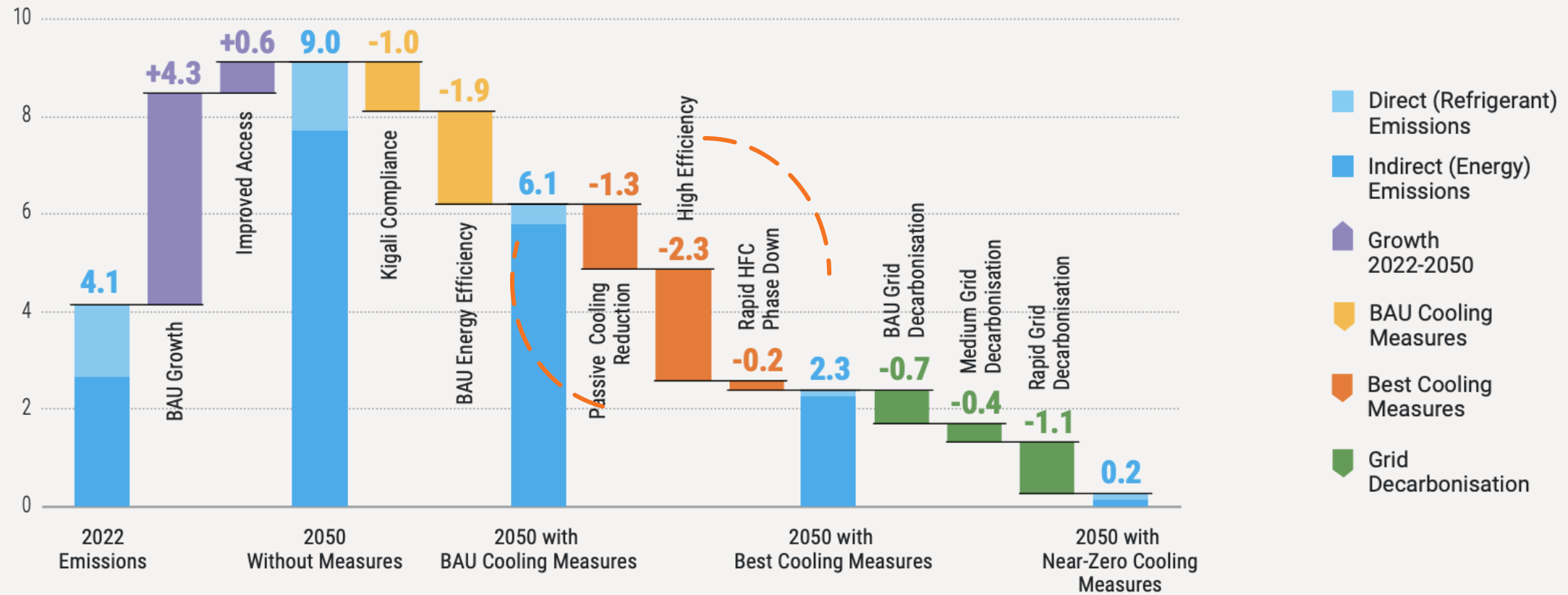
His Excellency, **Dr. Sultan Al Jaber**,  
COP28 President-Designate

*Expanding cooling will protect the most vulnerable communities from extreme heat, keep food fresh and vaccines safe, employees productive and digital economies viable. I am pleased that cooling has been put on the global agenda of the next UN Climate Change Conference"*



**Inger Anderson**, Executive Director,  
UNEP

# Science: Cooling Targets Aligned to the Conventions





# Science: Cooling Targets Aligned to the Conventions

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**USD 1 Trillion**

saved in electricity  
per year (USD17 Trillion cumulative)

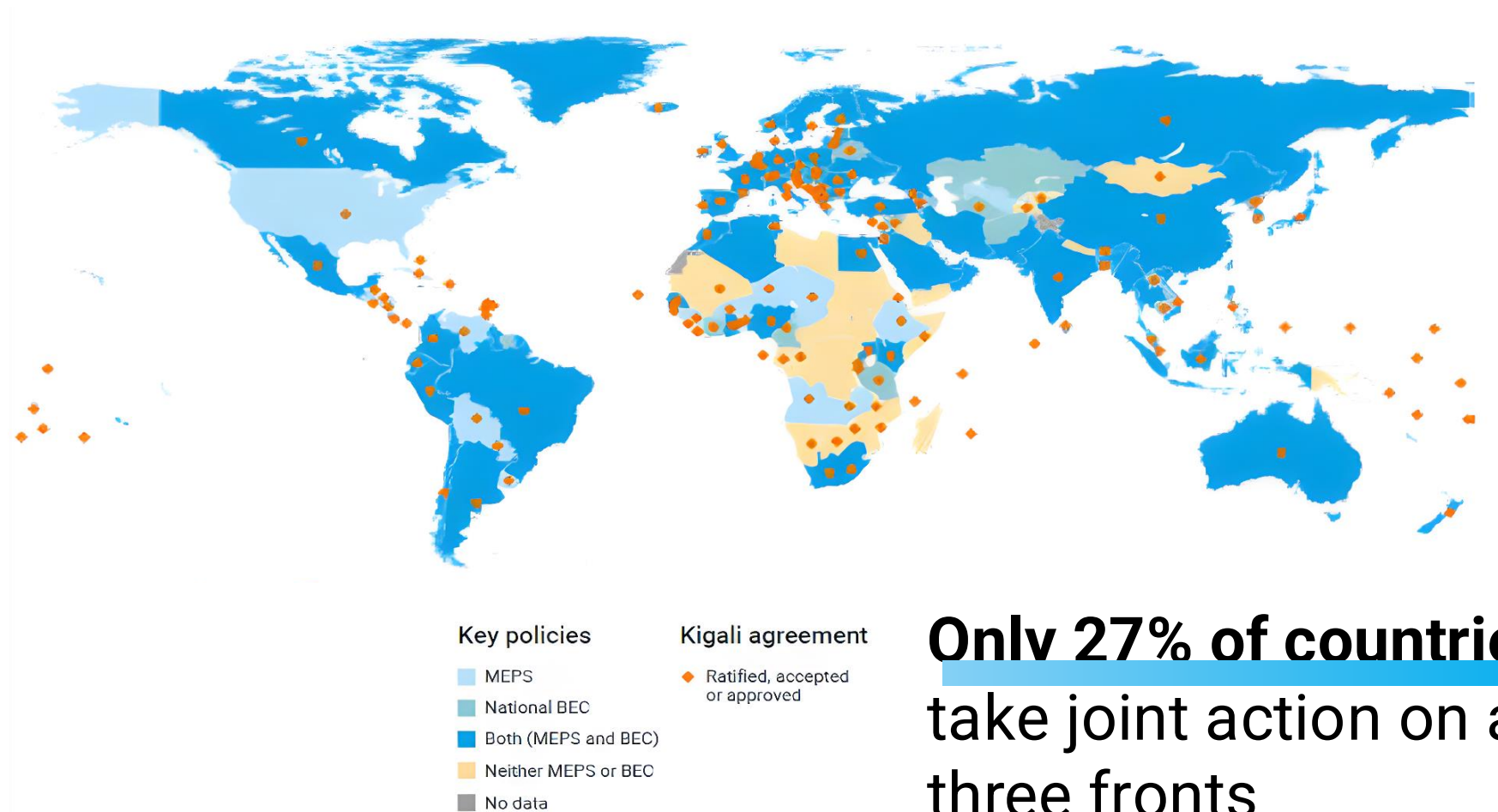
**1.5-2 TW reduced**  
in electricity load

**USD 4-5 Trillion**

saved in investment

**3.5 billion people**  
access to better cooling

# Science: Closing the Gap



Source: Global Cooling Watch 2023

**Only 27% of countries**  
take joint action on all  
three fronts

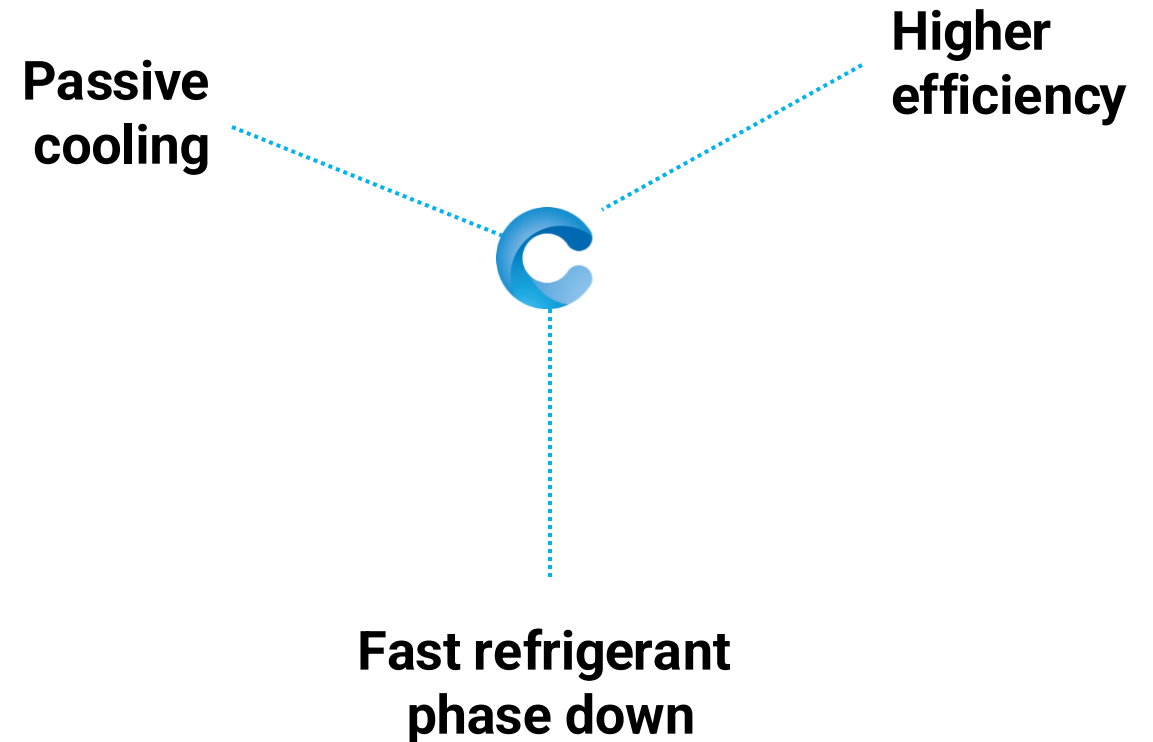
# Science to Action: The basis for Global Cooling Pledge targets

**Cut 2050 GHG by +60% - 3.8**

billion tons CO<sub>2</sub>e

**Provide access to cooling for all**

to adapt to extreme heat





# Consultations on the targets

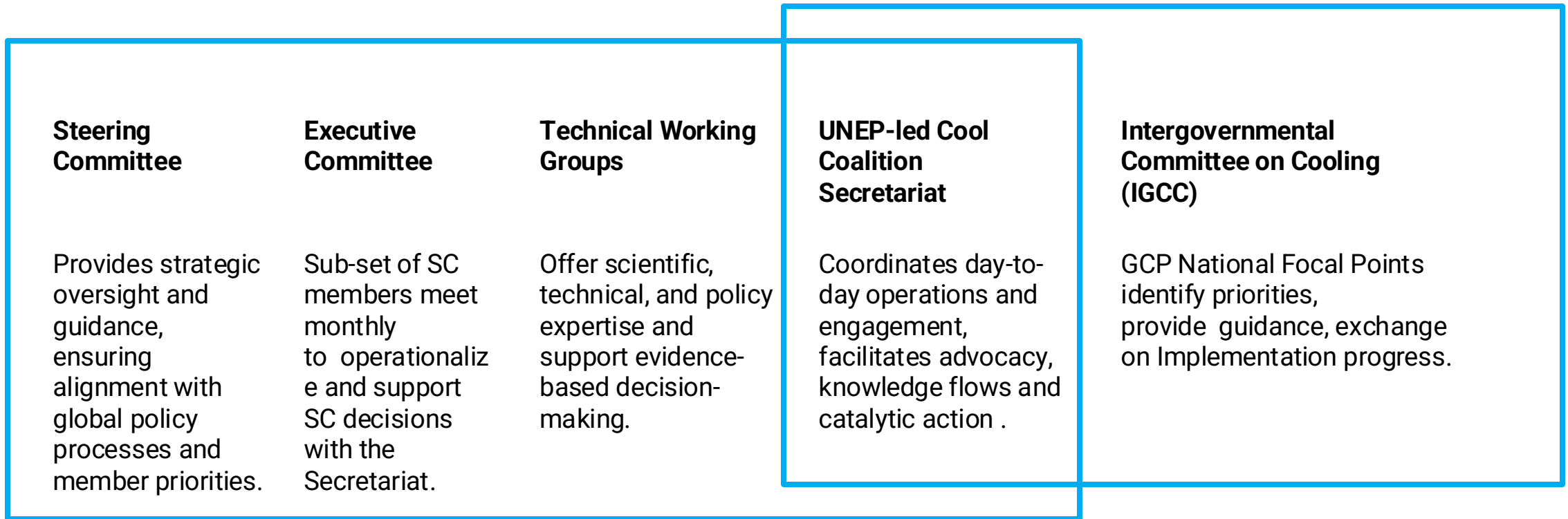
bilateral and multilateral consultations with **100+ non-state actors** and **50+ countries**

<b>IRENA Consultations</b> January <i>Abu Dhabi, UAE</i>	<b>Regional SDG Forums</b> March-April <i>Asia Pacific, UNECE, LAC</i>	<b>Ghana Workshop - SEforALL</b> April <i>Accra, Ghana</i>	<b>79th Session of ESCAP</b> May <i>Bangkok, Thailand</i>  <b>Information Session – Cool Coalition Country Partners</b> May <i>Online</i>	<b>ACEF - Regional Consultation</b> June <i>Manila, Philippines</i>	<b>45<sup>th</sup> Open Ended Working Group to the Montreal Protocol</b> July <i>Bangkok, Thailand</i>
Jan	Mar	Apr	May	Jun	Jul
	<b>G20 - CEM</b> March <i>Rio de Janeiro, Brazil</i>	<b>G20 Cooling Event</b> April <i>Gandhinagar, India</i>  <b>Ghana Workshop - SEforALL</b> April <i>Accra, Ghana</i>	<b>G20 – ETWG Plenary</b> May <i>Mumbai, India</i>  <b>Information Session - CCAC Cooling Hub</b> May <i>Online</i>	<b>Bonn SB – UNEP and COP28 UAE presidency Side Event</b> June <i>Bonn, Germany</i>	<b>G20 / CEM14/MI-8</b> July 21 <i>Goa, India</i>

# A Shared Narrative and Collective Action to Elevate Cooling

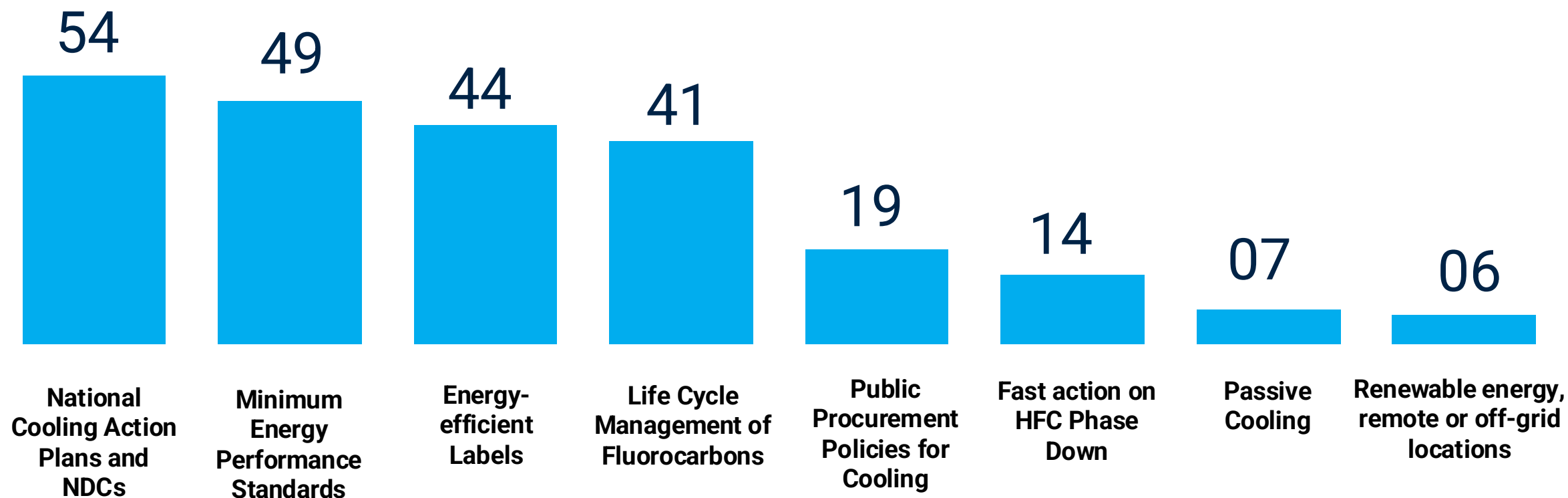


# Cool Coalition for the Global Cooling Pledge



# Joint action across 72 country signatories

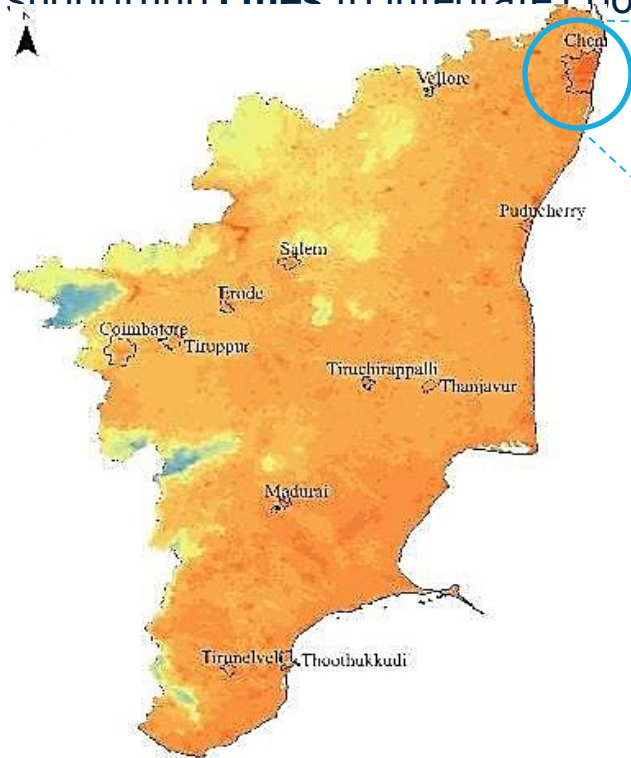
## Annual Global Cooling Pledge Progress Report 2024



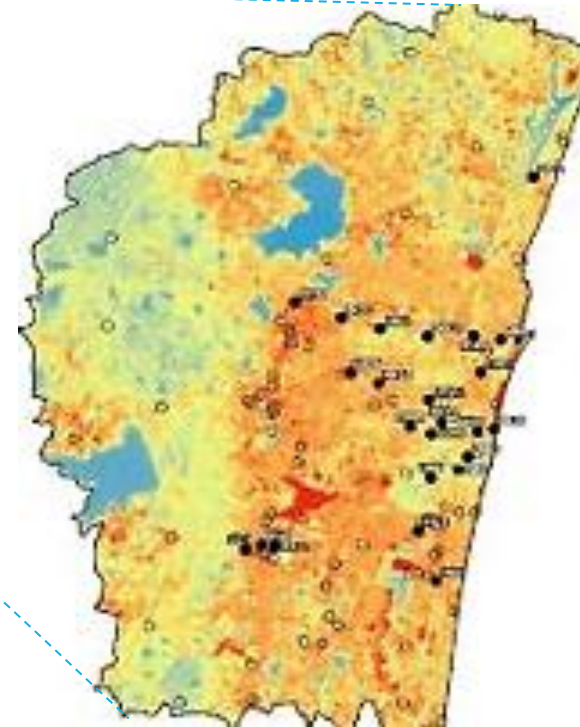


# Trends: Cooling to ADAPT to extreme heat and protect the vulnerable

**Countries** are supporting **cities** to integrate cooling in heat action plans, especially **passive cooling in vulnerable urban areas**



**Tamil Nadu Heat Plan**



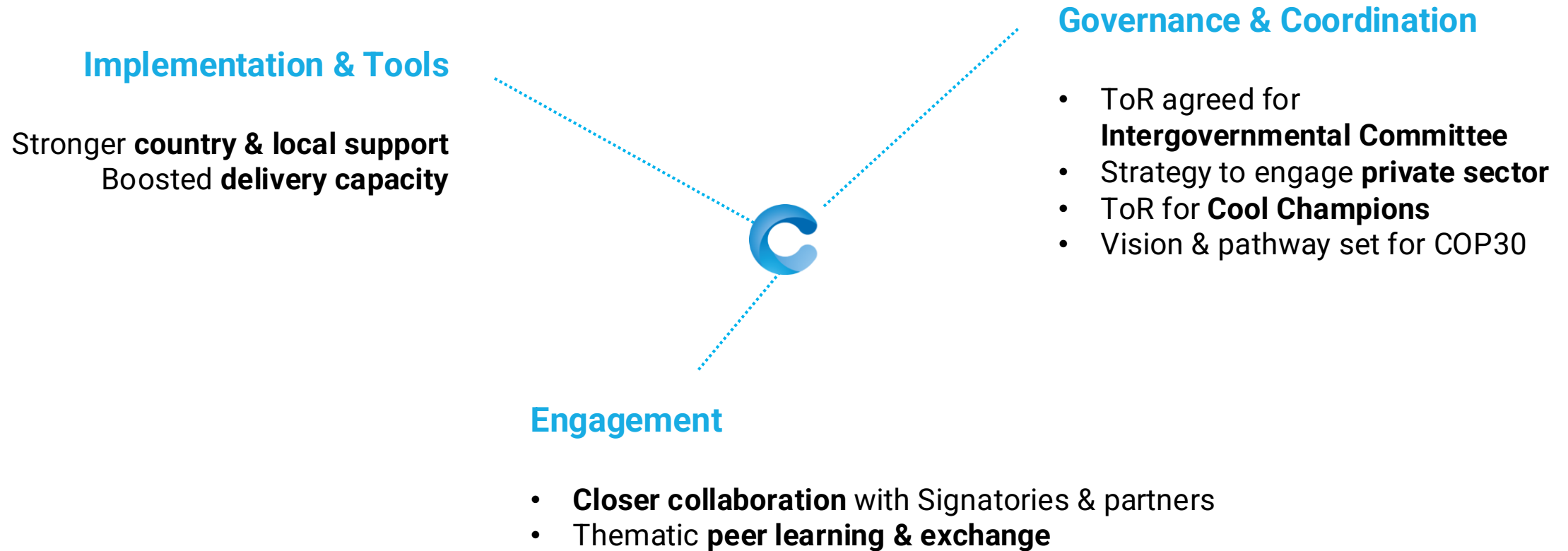
**Chennai Heat Assessment**

# Trends: Cooling to ADAPT to extreme heat and protect the vulnerable



Passive Cooling  
in Chennai

# Way forward: Expected Outcomes of the Focal Point Meetings



# Open Discussion

Pledge progress and country priorities

**Moderator:**



**Mozah Alnuaimi**

Director of Productivity and Demand Management Department  
Ministry of Energy and Infrastructure of the United Arab  
Emirates

1. What progress has your country made toward meeting the targets of the Global Cooling Pledge?
2. What are your country's priorities for the next 1-2 years?



# Session Wrap-up



**Mozah Alnuaimi**

Director of Productivity and Demand  
Management Department  
Ministry of Energy and Infrastructure  
of the United Arab Emirates

10:40 - 11:00

# Coffee-Break

11:00 – 13:00

# Session 2

## Global Cooling Pledge Implementation



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety



MINISTERO DELL'AMBIENTE  
E DELLA SICUREZZA ENERGETICA



وزارة الطاقة والبنية التحتية  
MINISTRY OF ENERGY & INFRASTRUCTURE

# Session Opening

## Global Cooling Pledge Implementation



**Mozah Alnuaimi**

Director of Productivity and Demand  
Management Department  
Ministry of Energy and Infrastructure  
of the United Arab Emirates



# 2030 Implementation Strategy

## Overview, priorities and progress



### **Amr Seleem**

Country Engagement and Climate Policy  
Lead, Cool Coalition Secretariat  
UN Environment Programme (UNEP)

# 2030 Pledge Implementation Strategy

**5 rounds of consultations** held between February and July, with final approval from the Pledge Contact Group in August 2024



Bonn Climate  
SB62 Meeting  
6th June 2024



6<sup>th</sup> United Nations  
Environment Assembly  
(UNEA-6)  
27 February 2024

# Pledge Implementation: Strategy Overview

## Implementation Phases

### FIRST PHASE : 2024 –2026

Focus on **building frameworks, tools, data collection systems**, and initial implementation support.

### SECOND PHASE : Post 2026

**Scale-up actions** based on needs assessments, expanded technical assistance, policy updates, and financing strategies.

## Intermediate Objectives 2024-26

- **Review implementation progress** of the Global Cooling Pledge
- **Build the database on sustainable cooling** to drive evidence-based policy-making
- **Leverage strategic partnerships** to deliver on Pledge Implementation
- **Mobilize signatories to the Global Cooling Pledge**, with an additional focus on G20 countries.

Strategy to be reviewed and updated at least every two years by the Cool Coalition Secretariat in consultation the IGCC .

# Workstreams

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## 1 DATA

to drive evidence-based policymaking on cooling

## 2 TECHNICAL ASSISTANCE

and technical assistance to Implement the Pledge

## 3 COOLING PLANS

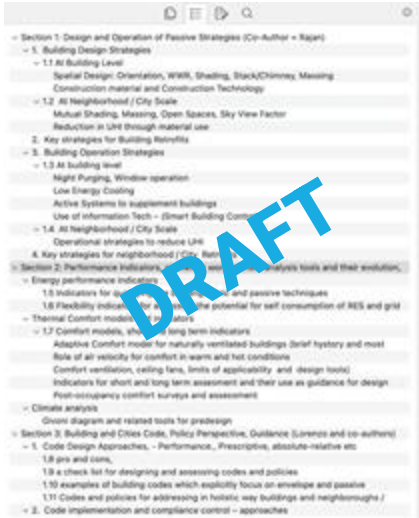
and investment plans for Nationally Determined Contribution (NDC)

## 4 PASSIVE COOLING

## 5 ADVOCACY AND AWARENESS



# Progress: Data for evidence-based policy



## Annual policy survey



## Global Cooling Watch Biannual Report – 2026

### New focus:

- Extreme heat interaction with rising demand and access inequities

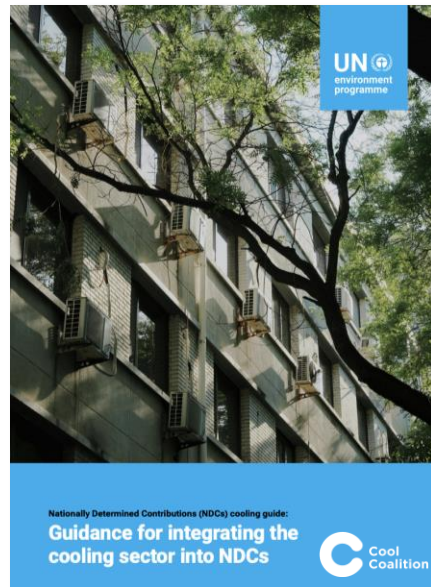
### What's new in 2025:

- Stronger heat-demand link
- Passive cooling and cost assessments



## Public Dashboard

# Progress: NDC, NCAPs and Investment Roadmaps



**12 Countries : Regionalized NCAP methodology**

**10 Countries : NDC guidelines**

*Launching soon*

**3 Countries: Cooling investment roadmap guidelines with World Bank Group**

# Progress: Advocacy and Country Engagement



**COP Presidencies**



**16 New Pledge Signatories**



**Cool champions**



**G7 and G20**



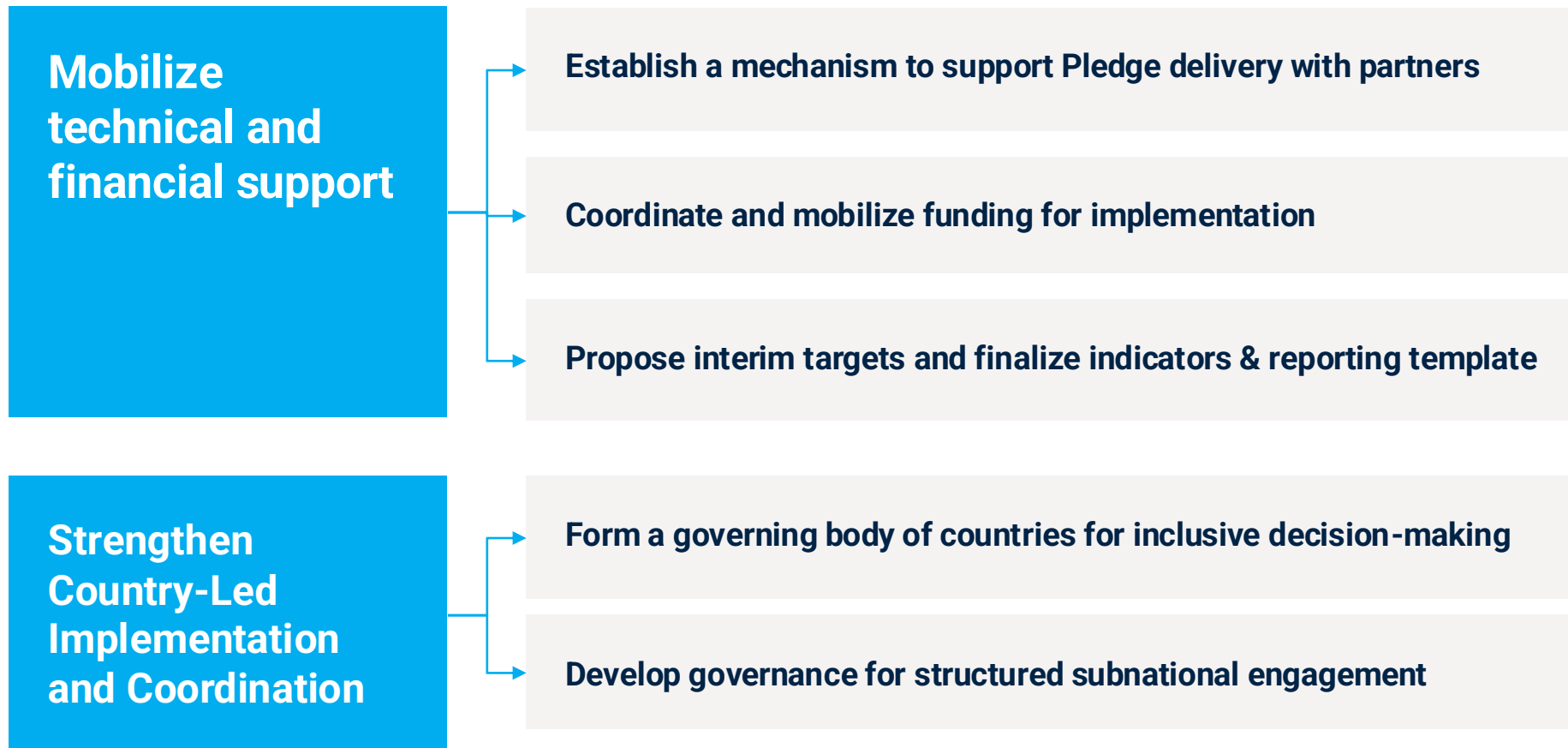
**Focal Point Meeting**



***"We must respond [to extreme heat] by massively increasing access to low-carbon cooling; expanding passive cooling and clean up cooling technologies while boosting their efficiency."***

UN Secretary-General Guterres,  
Press Conference on Extreme Heat  
July 2025

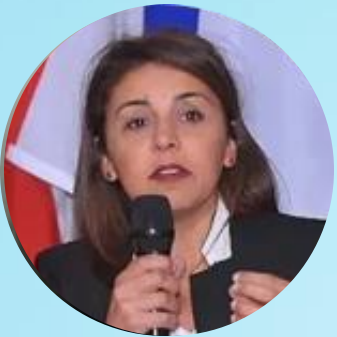
# Priorities for 2025





# An EPIC solution

## Enabling Pledge Implementation for Cooling (EPIC)



**Myriem Touhami**  
Head, Finance Unit  
UN Environment Programme (UNEP)



**1.2 Billion** people at risk

from heat stress and lack of cooling

Demand **to triple**

by 2050

**10% of all emissions**

projected are related to cooling alone

# GLOBAL COOLING PLEDGE

Launched at **COP28** with the support of **60 countries** committed to **reducing over 60% of GHGs** from cooling





# GLOBAL COOLING PLEDGE

But...

Only 25% of  
countries have enabling  
**policies**

Insufficient  
**technical  
assistance**  
(UNEP-IFC, 2024)

Lack of  
**dedicated  
finance**

**\$400-800B**  
**finance gap**  
in developing countries





# What can

# we do?

# EPIC

## Enabling Pledge Implementation for Cooling

EPIC enables countries to go **from pledges, to plans, to local impact**—combining technical assistance and smart finance to scale sustainable cooling solutions globally.

From pledges  
**Cool Coalition  
Secretariat**

to plans

**Technical Assistance  
Facility – EPIC Solutions**

To local impact

**Finance Accelerator  
Fund – EPIC Deploy**



**Finance accelerator  
fund**

## EPIC Deploy

Innovative finance models,  
building viable business  
cases, and linking technical  
assistance to real investment  
opportunities.

## Italy's Contribution

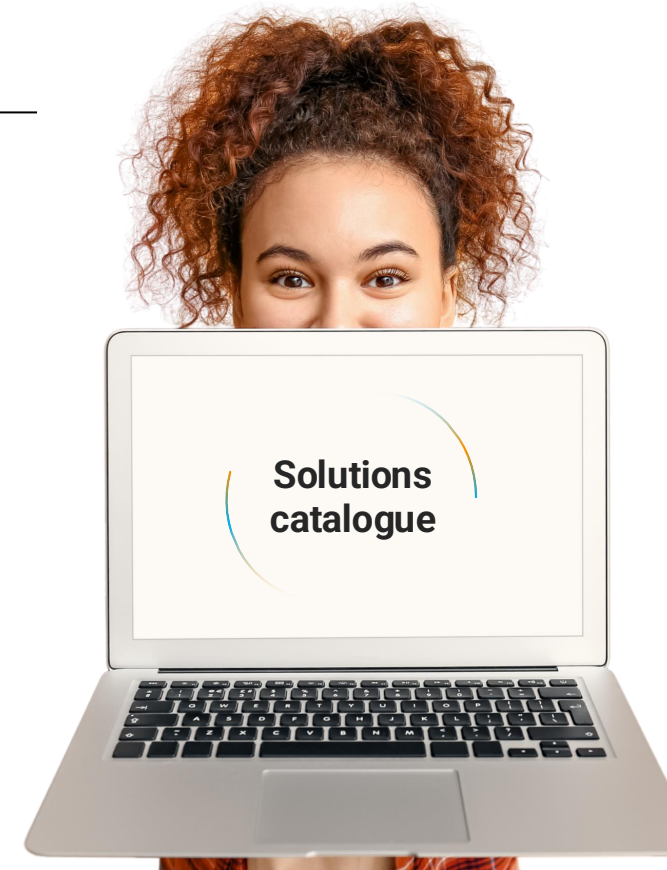
Italy supports  
2 EPIC Deploy with a  
\$2M fund in 2025 to  
kickstart projects in  
Djibouti and Brazil.



# Technical assistance facility

## EPIC Solutions

Grant	Purpose	Key features
\$1M	<p>Connecting Pledge Signatories to Tailored Technical Assistance</p> <p>The Technical Assistance Facility is an online portal where countries and cities can request technical assistance.</p>	<p>Based on <b>TRANSPARENT SELECTION CRITERIA</b> (e.g., experience, resource leverage).</p> <p>Supported <b>BY MODEL TERMS OF REFERENCE</b> to ensure quality and consistency.</p> <p><b>BUILT ON COOL COALITION GUIDANCE</b> and best practices.</p>





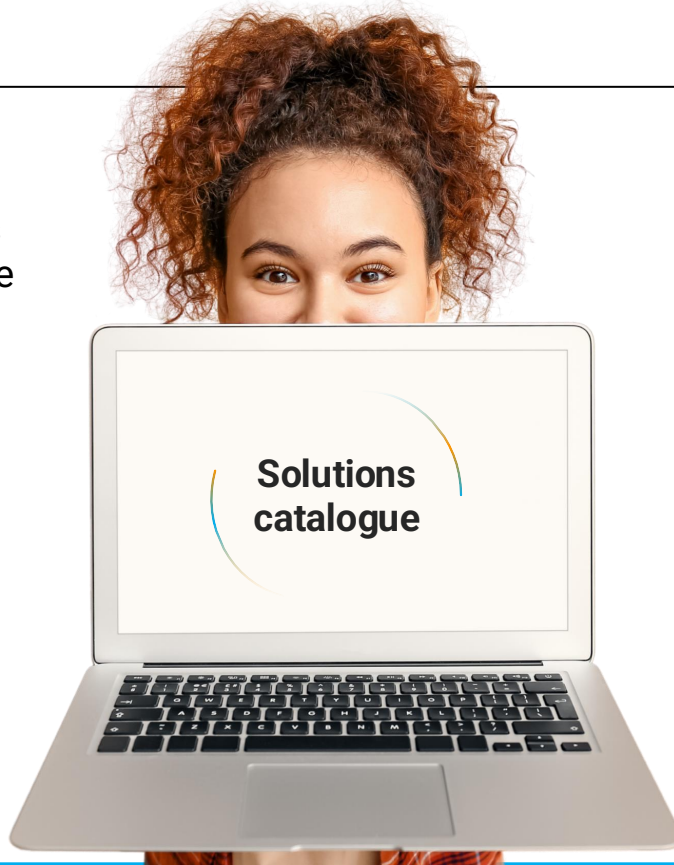
# Technical assistance facility

## EPIC Solutions

### How does it work?

#### 1 REQUEST SUBMISSION

Through the EPIC's Solutions catalogue website.



#### 2 SECRETARIAT REVIEW

Secretariat verifies scope and eligibility and prepares Terms of Reference.

#### 3 MATCHMAKING

Opportunity is shared with working group or partners (like IFC or AfDB). Interested partners submit an Expression of Interest (EOI). One is selected based on Cool Coalition criteria.

#### 3 DELIVERY

Selected partner provides technical assistance based on Cool Coalition guidance and quality standards.

# Technical assistance facility

## EPIC Solutions

National Planning

MEPS & Labels

Urban Heat Assessment

Building codes & Passive cooling

Nature for cooling

Public procurement

Renewable energy cooling

Training and CoEs

Investment roadmaps

Life-cycle refrigerant Mgmt



**Solutions  
catalogue**

# Finance Accelerator Fund

## EPIC Deploy

Seed Grant	Purpose	How it works
\$2M	<p><b>Driving Investment in Sustainable Cooling Solutions</b></p> <p>The EPIC Finance Accelerator helps countries move from plans to action by <b>piloting innovative finance models, developing viable business cases, and connecting technical assistance to real investment opportunities</b></p>	<p><b>Adaptable financing models by:</b></p> <ul style="list-style-type: none"><li>• Type of funding need (e.g. early-stage, growth)</li><li>• Type of actor (consumer, public, private)</li><li>• Project scale and scope</li></ul> <p><b>Grants for early-stage projects</b> in areas like : Cold storage, Energy-efficient air conditioning, District cooling</p>



# Finance Accelerator Fund EPIC Deploy

## How does it work?

### 1 ASSESMENT

Needs identified through The **Technical Assistance Facility**

### 2 GRANTS

Seed funding provided to support early-stage mechanisms in priority sectors (e.g. cold storage, district cooling, EE ACs)

### 3 PARTNERS

Engage co-financing and delivery partners (e.g. WB, AfDB, KfW, Cassa Depositi e Prestiti)

### 4 PILOTS

Support at least 2 countries to test finance models (e.g. cold storage, district cooling)

### 5 REPLICATION

Scale successful models and include in Solutions Catalogue for broader use.



# Summary EPIC

From pledges  
**Cool Coalition  
Secretariat**

to plans  
**Technical Assistance  
Facility – EPIC Solutions**

To local impact  
**Finance Accelerator  
Fund – EPIC Deploy**

Led by



With support of



Coordinated by



Supported by

UNEP Trust Fund





IT'S POSSIBLE

**UN**   
environment  
programme

[www.unep.org](http://www.unep.org)

# Open Discussion

## Implementation priorities and EPIC Facility

### Moderator:



**H.E. Adalberto Maluf**

Vice Minister, Ministry of Environment  
and Climate Change of Brazil

1. What major barriers (technical, financial, policy, or data-related) are currently limiting your progress on Pledge implementation?
2. How can the EPIC Facility effectively support your national implementation efforts?
3. Are there gaps in its current design or adjustments that you would like to see addressed?

# Avenues for financial support

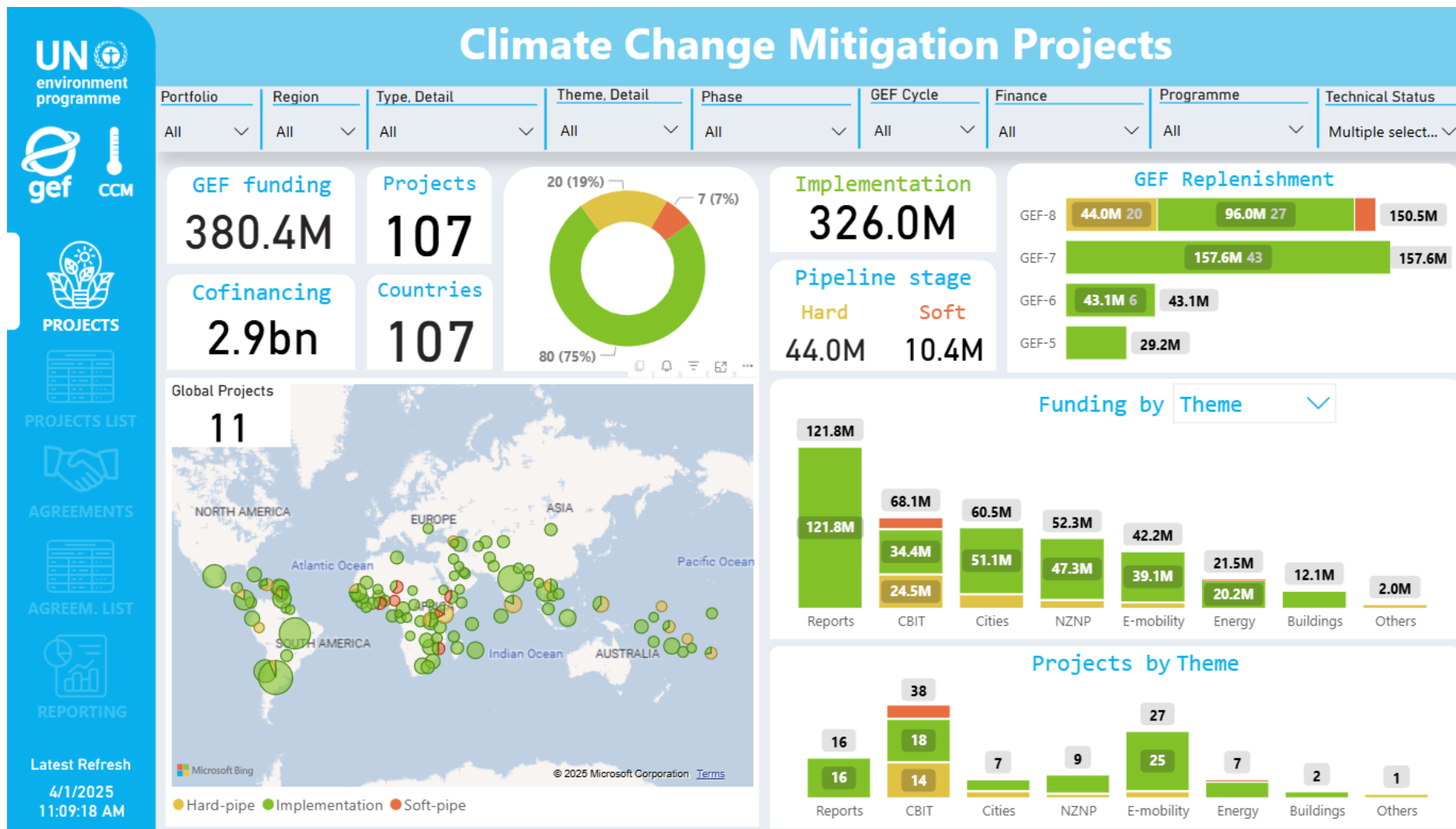
## Presentation on GEF-9 and opportunities for financing cooling pledge



**Asher Lessels**

Head, GEF Mitigation Unit  
UN Environment Programme (UNEP)

# UNEP GEF Mitigation





# The Global Environment Facility : Overview

## The GEF at a Glance

**The GEF is the family of funds for the environment.** It is a financial mechanism for six multilateral conventions. With GEF support, countries address the root causes of challenges as they strive for international environmental goals.



Overall since 1991:

**\$26B+**  
in financing provided



**\$149B**  
in capital mobilized



**Global Environment Facility Trust Fund:** Focus on biodiversity, chemicals and waste, climate change, international waters, and land degradation, plus integrated programming.



**Global Biodiversity Framework Fund:** Newly-created fund to support the Kunming-Montreal Global Biodiversity Framework and its 2030 nature-positive goals.



**Nagoya Protocol Implementation Fund:** Supports action on access to genetic resources and the fair and equitable sharing of benefits arising from their utilization.

Serve the UN Framework Convention on Climate Change



**Least Developed Countries Fund:** The only dedicated source of multilateral funding for Least Developed Countries' most urgent climate adaptation needs.



**Special Climate Change Fund:** Climate adaptation fund focused on technology and innovation, with dedicated window for Small Island Developing States.



**Capacity-building Initiative for Transparency Trust Fund:** Support for climate change data and reporting, in support of the Paris Agreement's Enhanced Transparency Framework.

## IMPLEMENTING AGENCIES





# The Global Environment Facility

- The GEF has 4-year replenishment cycles
- Every 4 years, each developing country receives a new allocation of grant funds (called STAR allocation):
  - For climate mitigation, biodiversity and land-degradation projects.
  - Fully flexible (can be used as the country likes)
- Additional separate funding streams for climate adaptation (LDCF, SCCF), chemicals and waste, and international waters

GEF REPLENISHMENT CYCLES

\$5 billion

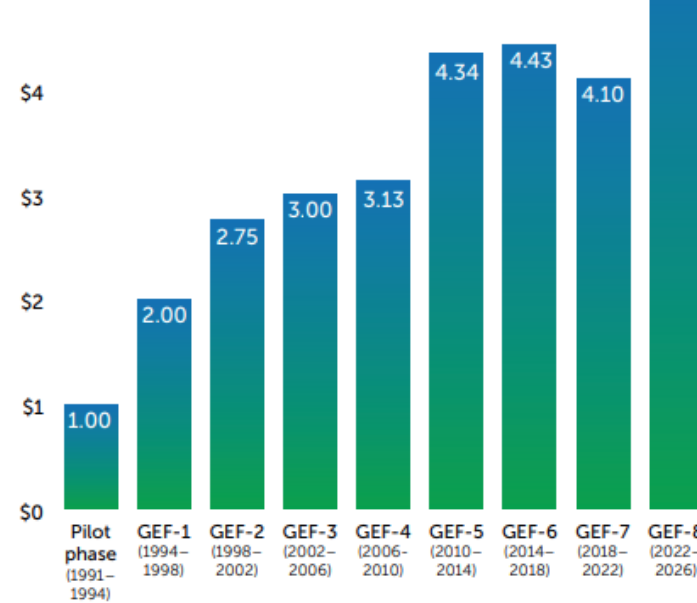


Table 2: Initial GEF-8 STAR Country Allocations (\$US Million)

Country	Climate Change	Biodiversity	Land Degradation	Total
Afghanistan	2.00	4.00	4.96	10.96
Albania	1.00	3.00	4.24	8.24
Algeria	2.49	4.94	4.82	12.25
Angola	3.52	11.23	3.70	18.45
Antigua and Barbuda	2.00	4.00	4.42	10.42
Argentina	5.24	18.75	2.82	26.80
Armenia	1.05	3.00	4.24	8.30
Azerbaijan	2.33	3.00	3.88	9.21
Bahamas	2.00	5.58	2.00	9.58
Bangladesh	4.58	4.00	2.00	10.58
Barbados	2.00	4.00	3.25	9.25
Belarus	2.75	3.00	1.21	6.96
Belize	2.00	4.00	2.00	8.00
Benin	2.00	4.00	6.63	12.63
Bhutan	2.00	4.00	2.00	8.00
Bolivia, Plurinational State of	2.17	15.59	2.86	20.61
Bosnia and Herzegovina	1.00	3.00	1.46	5.46
Botswana	1.00	3.00	3.89	7.89
Brazil	15.19	62.59	2.06	79.83
Burkina Faso	2.00	4.00	7.74	13.74
Burundi	2.00	4.00	4.89	10.89
Cambodia	2.00	4.65	3.14	9.80
Cameroon	1.26	17.12	2.01	20.40
Central African Republic	2.00	4.00	2.89	8.89
Chad	2.00	4.00	5.39	11.39
Chile	3.51	18.84	3.27	25.62
China	47.02	43.64	3.03	93.68

# The Global Environment Facility

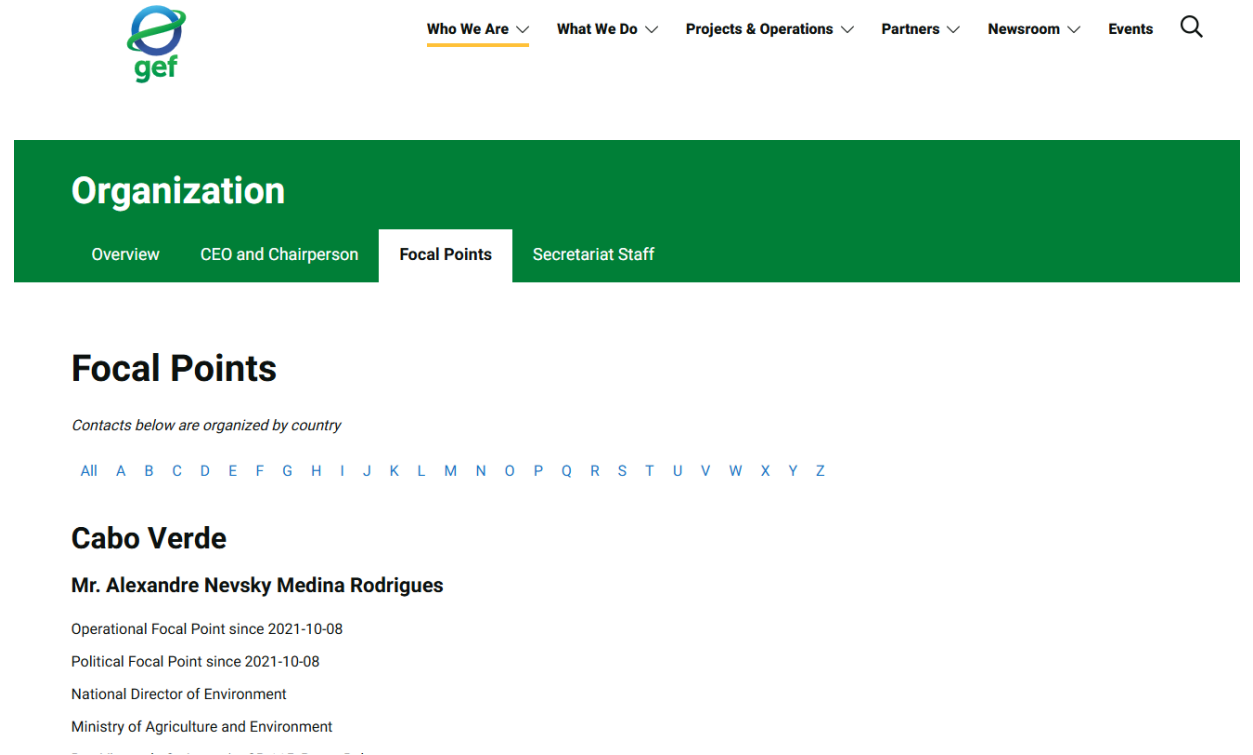
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- The GEF issues **public documents on its programming directions** for each replenishment cycle and the country STAR allocations
  - Currently we are in **GEF-8: July 2022 to June 2026**
    - Programming directions:  
[https://www.thegef.org/sites/default/files/documents/2022-04/GEF\\_R.08\\_29\\_Rev.01\\_GEF8\\_Programming\\_Directions.pdf](https://www.thegef.org/sites/default/files/documents/2022-04/GEF_R.08_29_Rev.01_GEF8_Programming_Directions.pdf)
    - Country allocations:
      - [%20Country%20Allocations\\_\\_0.pdf](#)
  - **GEF-9 starts July 2026 and runs to June 2030**
-

# The Global Environment Facility

- Use of the country allocation is generally determined through a national process, although varies from country to country
- Each country have a GEF operational focal point:

<https://www.thegef.org/who-we-are/focal-points>



The screenshot shows the GEF website's navigation bar with the logo and menu items: Who We Are, What We Do, Projects & Operations, Partners, Newsroom, and Events. Below the navigation bar is a green header for the 'Organization' section, with sub-tabs for Overview, CEO and Chairperson, Focal Points (selected), and Secretariat Staff. The 'Focal Points' section is titled 'Focal Points' and includes a note: 'Contacts below are organized by country'. A horizontal list of letters (A-Z) allows filtering by country. The 'Cabo Verde' section is highlighted, featuring the name 'Mr. Alexandre Nevsky Medina Rodrigues' and his roles: Operational Focal Point since 2021-10-08, Political Focal Point since 2021-10-08, National Director of Environment, and Ministry of Agriculture and Environment.

**Organization**

Overview CEO and Chairperson **Focal Points** Secretariat Staff

## Focal Points

*Contacts below are organized by country*

All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

### Cabo Verde

**Mr. Alexandre Nevsky Medina Rodrigues**

Operational Focal Point since 2021-10-08

Political Focal Point since 2021-10-08

National Director of Environment

Ministry of Agriculture and Environment

# GEF and opportunities for financing cooling pledges

## GEF-8

- Proposals can be submitted until mid-2026
- Projects can be executed beyond that date
- Many countries might have already used their STAR allocations

## GEF-9

- Proposals submitted between: 2026-2030
  - Programming directions under development
    - To be finalized by mid-2026
  - Financing areas
    - 8 integrated programs (to be confirmed)
      - Sustainable cities
    - 3 STAR focal areas
      - Climate mitigation
      - Biodiversity
      - Land degradation
    - 2 non-STAR focal areas
      - Chemicals and waste
      - International waters
  - Least Developed Climate Fund
  - Special Climate Change Fund
- Cooling entry points
- Cooling entry point



GEF/R.9/05  
April 22, 2025

First Meeting for the Ninth Replenishment of the GEF Trust Fund  
May 20-21, 2025  
Paris, France

**NINTH GEF REPLENISHMENT:  
DRAFT GEF-9 STRATEGIC POSITIONING  
AND PROGRAMMING DIRECTIONS**

*PREPARED BY THE GEF SECRETARIAT*



Official Use Only

# GEF-9: mitigation focal area

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## Objective 1

- 1.1. Integrated long-term net-zero planning and just transition
- 1.2. Resource efficiency and circular economy (cooling, buildings, circular economy, industry sector)
- 1.3. Power systems and energy access (smart-grids, energy communities, energy storage)
- 1.4. Integrated and zero-emission mobility (active transport, public transport, electric mobility)
- 1.5. Nature-based solutions for climate mitigation (AFOLU, REDD+, carbon sinks)

## Objective 2

- 2.1 CBIT (Capacity-building initiative for transparency)
  - 2.2 Convention obligations and enabling activities (BTRs, national communications, NDCs, TNAs)
-

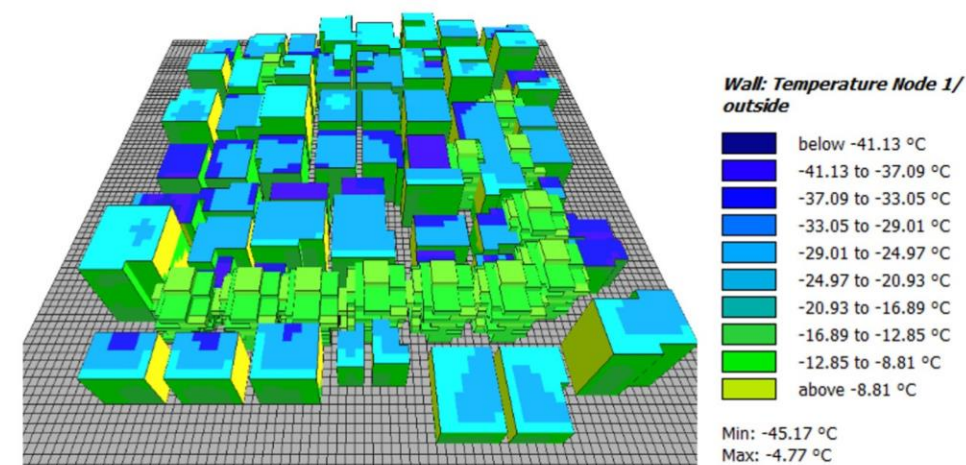


# GEF-9 global programme on cooling and extreme heat

- UNEP to lead global programme
  - Global coordination hub
  - Country projects
- Global coordination hub
  - Promote implementation of cooling pledges
  - Bring together key global actors and countries
  - Enhance knowledge sharing (north-south, south-south, south-north)
  - Avoid “reinventing the wheel”
- Country projects
  - Use GEF-9 STAR allocation (mitigation)
  - Can also use LDCF, SCCF (adaptation) where eligible and interested
  - Led by any of the 18 GEF agencies



# Project idea for national project Cooling and extreme heat



(c)

Theme	Possible interventions	Possible investment demonstrations
Cooling and extreme heat  GEF grant funding: \$3-7 million  4 year duration	<ul style="list-style-type: none"> <li>- National policies and regulations on extreme heat and cooling</li> <li>- Capacity building of government officials and key stakeholders</li> <li>- International technical visits</li> <li>- Gender-responsive and just-transition planning</li> <li>- Creation of funding mechanisms and business models</li> <li>- Investment pipeline development and connection to financiers</li> </ul>	Low-emission buildings (energy efficiency, passive building design, district cooling, etc.)  Nature-based solutions for reducing heat-island effect (green roofs, green facades, etc.)

# Indicative timeline

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Conceptual design of national projects (5-10 page proposal) with support of GEF Agencies and country GEF operational focal point	Now to June 2026
Prepare global programme package including national projects	July 2026
Submit to GEF	September 2026
Project design	First half 2027
Start project execution	Second half 2027

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# Thank you

Asher Lessels  
Head, GEF Mitigation Unit  
United Nations Environment Programme  
<https://www.unep.org/gef/focal-areas/climate-change-mitigation>  
[asher.lessels@un.org](mailto:asher.lessels@un.org)

# Open Discussion

## Country Perspectives on GEF-9 Global Programme on Cooling Finance

### Moderator:



**H.E. Adalberto Maluf**

Vice Minister, Ministry of Environment  
and Climate Change of Brazil

1. What type of technical assistance or capacity-building initiatives would enhance your country's ability to develop and implement sustainable cooling projects? How can the GEF-9 Programme support these capacity-building efforts?
2. How can a GEF project help countries that have not signed the Cooling Pledge strengthen data, knowledge, and coordination to enable future participation?



13:00 - 14:00

# Lunch Break

14:00 - 15:30

# Session 3

## COP30 Priorities and Outcomes



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety



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# Session Opening

## COP30 Priorities and Outcomes



**Mozah Alnuaimi**

Director of Productivity and Demand  
Management Department  
Ministry of Energy and Infrastructure  
of the United Arab Emirates

# Presentation

## Roadmap to COP30



**H.E. Adalberto Maluf**

Vice Minister, Ministry of Environment  
and Climate Change of Brazil

# COP Cooling journey

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## COP28

### **Launch of the Global Cooling Pledge**

One of nine non-negotiated declarations, pledges, and charters that constitute key outcomes for the COP28 Presidential Action Agenda.

## COP29

### **2030 Global Cooling Pledge Strategy**

Endorsement

### **2024 Global Cooling Pledge**

Progress Report

### **Intergovernmental Committee on Cooling**

proposed

## COP30

### **Beat the Heat**

implementation drive

### **Intergovernmental Committee on Cooling**

adopted to expand the Contact Group  
Announcement of Cool Champions

### **2025 Global Watch/Annual Pledge Progress Report**

focus on Extreme Heat

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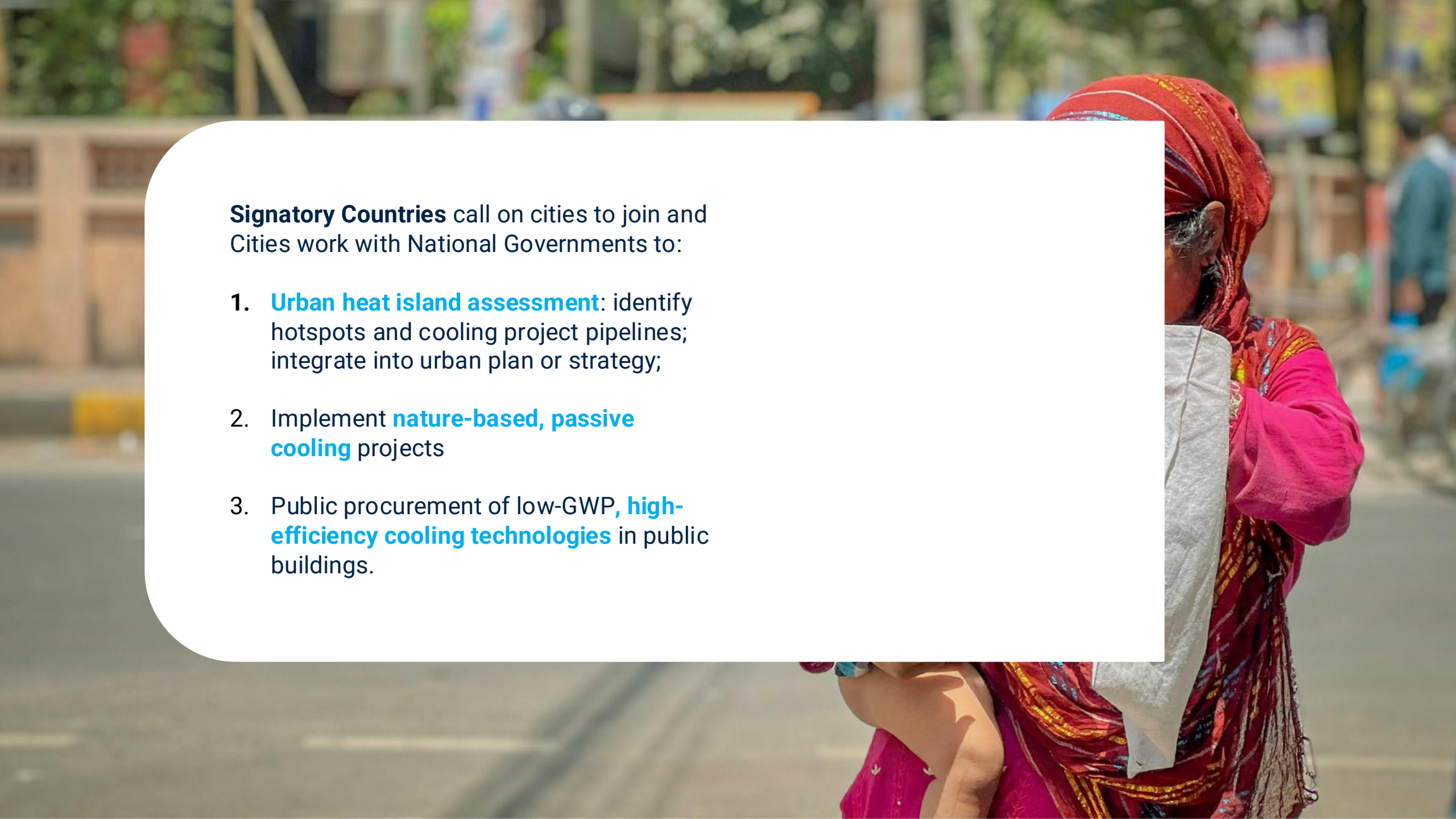


A woman wearing a red headscarf and a pink shirt is holding a young child. The child is drinking from a clear plastic bottle. The woman is also holding a white cloth. In the background, a person is riding a motorcycle on a city street.

## Beat the Heat in Cities

**COP30 Flagship to Deliver City  
Action on the Global Cooling  
Pledge**



A woman wearing a red headscarf and a pink long-sleeved shirt is walking in a city street. She is carrying a baby on her back, who is wearing a white cloth. The background is a blurred city street with other people and buildings.

**Signatory Countries** call on cities to join and  
Cities work with National Governments to:

1. **Urban heat island assessment**: identify hotspots and cooling project pipelines; integrate into urban plan or strategy;
2. Implement **nature-based, passive cooling** projects
3. Public procurement of low-GWP, **high-efficiency cooling technologies** in public buildings.

# COP-Cooling journey

June		August		November	
COP30 Presidency and UNEP Cool Coalition <b>convene initial meetings.</b>		Partners work with at least 10 <b>city/country pairs</b> to help with the heat hotspot and project identification assessment.		<b>C40 Meeting (Brasilia):</b> “Beat the Heat” officially launched <b>COP30 Ministerial:</b> Showcase projects, announce funding from foundations & MDBs	
June	July	August	September	October	November
	July	September		October	
	<b>Join letter (COP30 &amp; UNEP)</b> Call to Action & “Beat the Heat” invitations sent	<b>COP30</b> convenes foundations to highlight “ <b>Beat the Heat</b> ” & city innovations		<b>CHAMP / Pre-COP:</b> Partners gather to announce first cities & secure more commitments	

# Road to COP30

'Beat the heat in cities' - Implementation drive for subnational action

**Second Annual High-Level Ministerial** of the Global Cooling Pledge at COP30

Global Cooling Watch 2025

Annual Global Cooling **Pledge Progress Report** 2025



## Annual Global Cooling Pledge Progress Report November 2024

For Endorsement at the COP29 Global Cooling Pledge Ministerial







## Way forward: plan of action

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Expand signatories  
**from 72 to 100 countries**

**Joint outreach** approach

**Co-signed letter** with  
COP30 President

*(Building on 2023 precedent: UNEP ED & COP28  
President)*



# Open discussion

## on the COP30 roadmap and priorities for cooling

### Moderator:



**H.E. Adalberto Maluf**  
Vice Minister, Ministry of Environment  
and Climate Change of Brazil

1. What are your key priorities for COP30, and how can the Ministerial Roundtable process support your efforts?
2. What opportunities do you see in engaging with the “Beat the Heat in Cities” initiative in the run-up to COP30 and aligning it with your national or urban cooling priorities?
3. Are you willing to invite cities from your country to engage in the initiative?

# Buildings and Cooling Pavilion at COP30

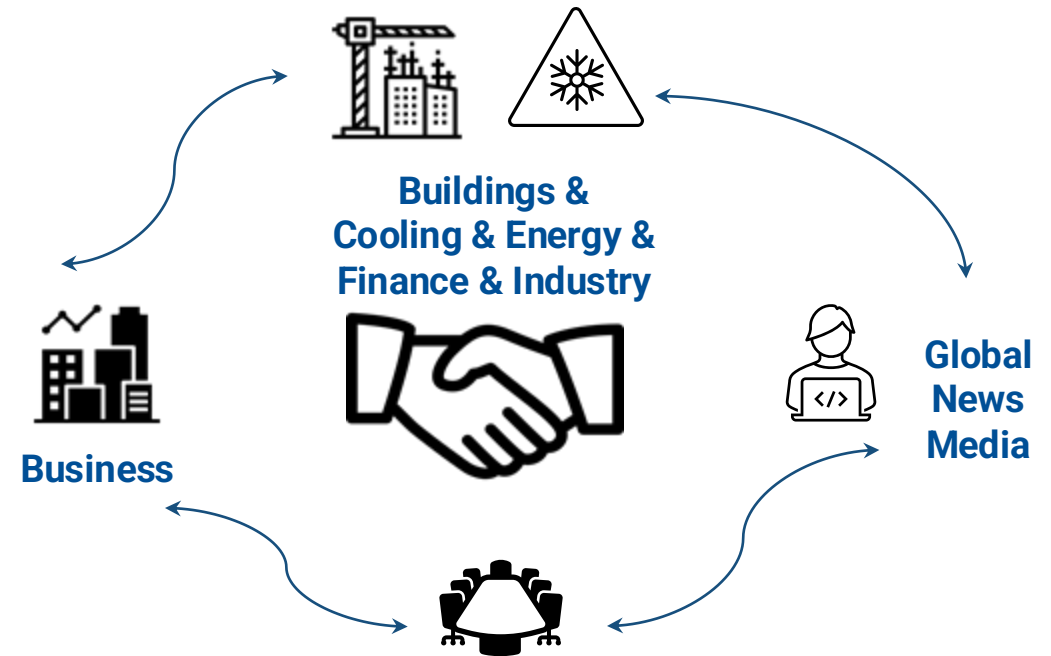


**Gennai Kamata**

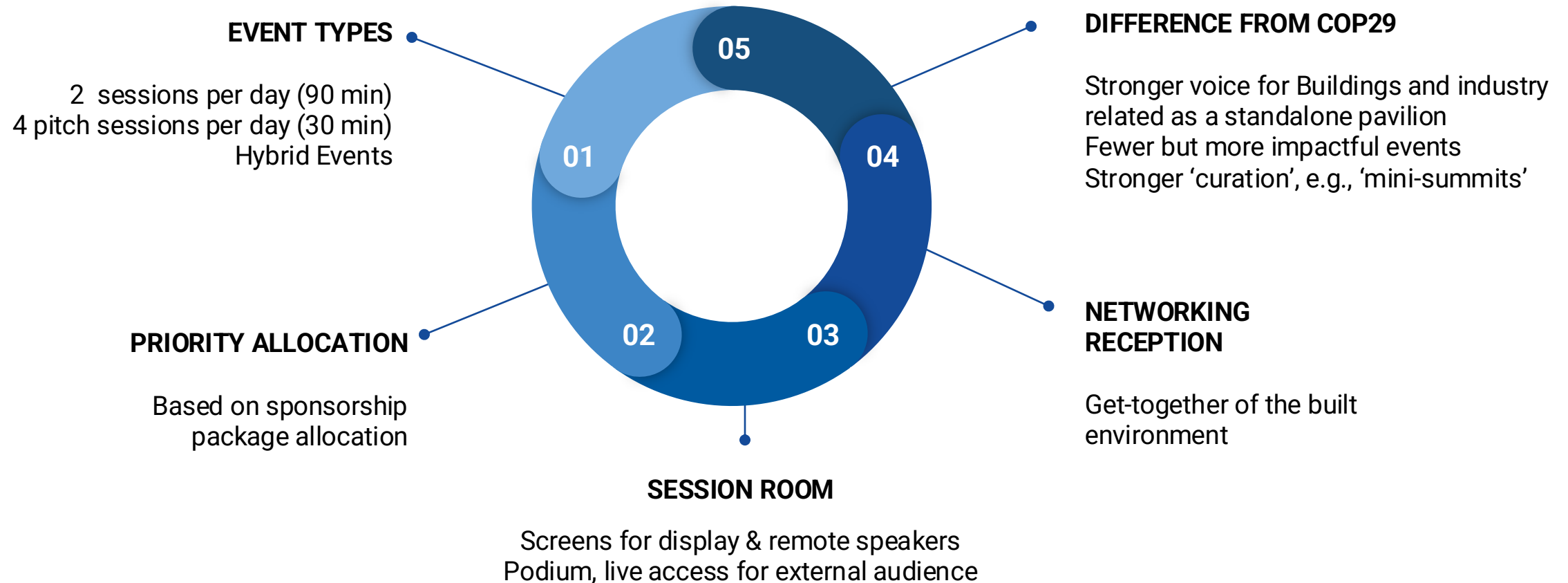
Associate Programme Officer,  
Buildings and Urban Energy  
**UN Environment Programme**

# Buildings and Cooling Pavilion

- **Since COP26**, the Pavilion has set out to be the centre of gravity for the buildings' community, igniting collaborations and partnerships, and showcasing solutions and implementation of climate action.
- **For COP30**, the pavilion plans to expand to the finance, materials & energy communities and related industry sectors.



# Sessions format



Global Alliance  
for Buildings and  
Construction



# Priorities

1. **NDCs**
2. **Financing resilient buildings and cities**
3. **Implementation of the Global Cooling Pledge**
4. **High decarbonisation-potential technologies, innovation and approaches**
5. **Buildings Breakthrough**
6. **Chaillot Declaration**
7. **Implementation**
8. **Multilevel implementation of national action, policies, and programmes**
9. **Further integration of the construction sector**
10. **Energy efficiency, cold chains, access to cooling, passive NBS**
11. **Global South Engagement and wider knowledge sharing through the "triple strategy"**
12. **Roadmaps to address to raise climate ambition in the context of the SDGs, Kigali Amendment and Paris Climate Agreement**





# Timeline

## Phase I April 2025

### GlobalABC Annual Assembly

Fundraising phase and presentation of sponsors  
MoUs with Finance, Materials, Energy and Industry related sectors

## Phase II May-June

### Programme Build-up

Call for interest to members to contribute  
Tentative agenda publication  
Decision on the lay-out and size of the pavilion

## Phase III July - Nov

### COP30

Promotion of the programme  
Design and lay-out of the pavilion





# **Buildings and Cooling Pavilion**

Submit your proposal now!



[here](#)



Global Alliance  
for Buildings and  
Construction



Cool  
Coalition



# Panel Discussion

## Advancing Cooling Action through June Sessions and COP30



**H.E. Adalberto Maluf**

Vice Minister, Ministry of Environment  
and Climate Change of Brazil



**Martin Krause**

Director, Climate Change Division  
UNEP

**Moderator:**



**Lily Riahi**

Head of Cool Coalition Secretariat  
UNEP



15:30 – 16:30

# Session 4

## Intergovernmental Committee on Cooling (IGCC)



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety



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# Session Opening

## Intergovernmental Committee on Cooling (IGCC)



**Mozah Alnuaimi**

Director of Productivity and Demand  
Management Department  
Ministry of Energy and Infrastructure  
of the United Arab Emirates



# Presentation

## Intergovernmental Committee on Cooling (IGCC)



**Gulnara Roll**

Chair of the UNEP-led Cool Coalition Secretariat; and Officer in Charge, Climate Change Division Mitigation Branch  
UNEP

# Transitioning to IGCC

- ‘**Contact Group**’ set up in September 2023, to negotiate the Pledge text, Pledge launched at COP28
- In 2024, continued to lead governance: GCP Implementation Strategy/COP29
- Signatory countries expressed interest in a **more inclusive governance framework**.
- In response, COP28 UAE proposed transitioning the Contact Group to an Intergovernmental Committee on Cooling (IGCC).
- At the COP29 Annual Ministerial Meeting, countries welcomed the proposal of the Co-Chair (UAE) on the establishment of the IGCC, with Brazil appointed as the Co-Chair.



# IGCC: Governance Body

- IGCC - **primary governance body for the GCP.**
- **Builds on Contact Group**
- **Expands** the existing governance structure
- **Inclusive** engagement of all Signatories

## Inclusive Engagement

Extending the Contact Group to engage all Pledge Signatories

## Facilitating Implementation

Track, report, and support progress and implementation of the GCP

## Co-Chaired Leadership

Led by the UAE and Brazil initially, as the COP28 and COP30 Presidencies



# IGCC Terms of Reference (ToR)

1. Definitions
2. Context and mandate
3. Governance structure
4. Institutional structure
5. Review and modifications
6. Working language
7. Documentation handling and storage
8. Confidentiality and communications
9. Extrabudgetary resources



# Governance structure: members and observers

## The IGCC facilitates GCP implementation by

- Tracking progress and implementation
- Facilitating knowledge exchange
- Providing policy support
- Setting priorities
- Implementing outreach activities
- Proposing new commitments to the Pledge as relevant
- Catalyzing private engagement and investment



Track Progress



Share Knowledge



Develop Guidance



# Governance structure: Co-Chairs and Secretariat

- Initially co-chaired by the UAE (COP28) and Brazil (COP30)
- Transitioning to either a **nominated-based process** or **elected model** for Co-Chairs post-COP30
- UNEP Cool Coalition Secretariat manages day-to-day operations and coordination

## Co-Chairs

Lead priorities and collaboration

Call for Meetings and expansion of members

Host or Facilitate Annual Focal Point Meetings.



## GCP Secretariat

Manages logistics and administrative operations.

Supports implementation - progress and tracking of the Pledge, technical policy briefs etc.

Coordination of annual meetings.

# Meetings and decision-making

- The IGCC holds the **IGCC Annual Ministerial/High-level Meeting on the Global Cooling Pledge** and **bi-annual Focal Point meetings**.
- **"Reserved Business"** sessions are possible upon Signatory request.
- **Observer States and Non-State do not participate in decision-making.** Subnational Signatories may be invited to participate in decision making as decided by National Pledge Signatories and Co-Chairs of the IGCC.



# Meetings and decision-making

## UNFCCC - COP

### Annual Ministerial Meetings at COPs as per Pledge's commitments

- Endorses IGCC recommendations and common statements
- Adopt strategic priorities and direction for Pledge implementation
- Launch initiatives (Programmatic, financial, multi-lateral etc.)
- Adopt annual Progress Report; highlighting progress and gaps
- Welcome incoming Co-Chairs
- Announcement of new-Signatories

## Virtual Teams Meetings and In-person

### Bi-Annual Focal Point Meetings

- Share best practices, and policy successes
- Track progress on commitments
- Capacity building and technical trainings
- Identify common priorities
- Governance decisions and amendments



# IGCC timeline

- **Mid-July (by 17 July):** Receive feedback from countries
- **Early September (by 10 September):** Share revised IGCC Terms of Reference with countries
- **November:** IGCC adopted at COP30 High-Level Ministerial Roundtable
- **January 2026:** IGCC becomes operational





# Open discussion

## Intergovernmental Committee on Cooling (IGCC)

### Moderators:



**Graime Maidment**

Lead Technical Adviser, UK Department for  
Energy Security and Net Zero



**Hubert Nsoh Zan**

Assistant Manager, Energy  
Commission, Ghana



16:30 – 16:45

# Coffee-Break

16:45 – 17:20

# Session 5

## Cool Champions for Pledge Implementation



Federal Ministry  
for the Environment, Climate Action,  
Nature Conservation and Nuclear Safety



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# Session Opening

## Cool Champions for Pledge Implementation



**Gulnara Roll**

Chair of the UNEP-led Cool Coalition Secretariat; and Officer in Charge, Climate Change Division Mitigation Branch  
UNEP

# Presentation

## Cool Champions for Pledge Implementation



**Graime Maidment**

Lead Technical Adviser, UK Department for Energy Security and Net Zero



# Why Cool Champions?

- Recognises and elevates **leadership** in advancing sustainable cooling globally.
- Inspires **collective action** to deliver the Global Cooling Pledge.
- Drives **visibility, political momentum, and peer learning** across countries and sectors.
- Signals **high-level alignment** with Paris Agreement, Montreal Protocol, and SDGs.





# Champions profiles

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## Who are the Cool Champions?

- One developed GCP Signatory (national/subnational)
- One developing GCP Signatory (national/subnational)
- One non-GCP affiliated individual, recognized for advancing sustainable cooling

## How long do they serve?

- **One-year term**
- **Cool-down rule:** no consecutive terms, eligible again after two years

# How are Cool Champions chosen?

## Nominations

- **GCP Signatories** may nominate themselves or others during a 60-day nomination window before the annual GCP Focal Points Meeting.
- Nominations or self-nominations for the **individual Cool Champion** are made at the same time, during an open call to the public.

## Evaluation

- Seven-member **independent Evaluation Committee** selects Cool Champions.
- Committee has **rotating membership**: two UN representatives, two reps from broader development sector, one academic, one civil society, one from the Cool Coalition Secretariat.

## Designation

- **Final designations** confirmed by **31 August**.
- Cool Champions **announced** at the annual UN Climate Change COP **Cooling Ministerial** (November).
- **Term begins 1 January**.



# What do Cool Champions do?

## Functions include

- **Convening high-level roundtables** or dialogues to advance cooling policies and standards.
- **Organizing ministerial-level or bilateral engagements** to expand Pledge Signatories and commitments.
- **Hosting peer learning visits** to showcase successful cooling solutions.
- **Leading global advocacy campaigns** or public innovation challenges.
- Participating in **joint outreach activities**.
- Submitting **mid-year and end-of-term progress reports**.



# Open discussion

## Cool Champions for Pledge Implementation

### Moderator:



**Graime Maidment**

Lead Technical Adviser, UK Department for Energy Security and Net Zero

17:20 – 17:30

# Day 1 Closing Remarks



Federal Ministry  
for the Environment, Climate Action,  
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# Day 1 Closing Remarks



**H.E. Adalberto Maluf**

Vice Minister, Ministry of Environment  
and Climate Change of Brazil



**Mozah Alnuaimi**

Director of Productivity and Demand  
Management Department  
Ministry of Energy and Infrastructure  
of the United Arab Emirates



**Martin Krause**

Director, Climate Change Division,  
UNEP



# Thank you!

Global Cooling Pledge Signatories Focal Points Meeting

June 13 - 14 2025 | Bonn, Germany