

Third Annual Cooling Ministerial: Heat Resilience and Sustainable Cooling

Date	16 November 2026
Time	18:30-20:00 local time (UTC/GMT+2) 90 minutes
Venue	Special Events Room 1, Uzungol, Blue Zone, Antalya Expo Center, COP31
Format	In-person (<i>The meeting will not be livestreamed; it will be recorded and available at YouTube after the meeting</i>)
Convened by:	The Government of Singapore, host of the Global Cooling Pledge Assembly 2026, and the United Nations Environment Programme Cool Coalition Secretariat; and the Co-Chairs of the Intergovernmental Committee on Cooling: Brazil (COP30 Presidency) and the United Arab Emirates (COP28 Presidency)
Hosted by	The Ministry of Environment, Urbanisation and Climate Change of Türkiye (COP31 Presidency)
Participation	Ministers and heads of delegation: National governments, subnational authorities and partner organizations. Participation does not imply endorsement of the Global Cooling Pledge or membership of the IGCC
Related event	Singapore Pavilion, 17 November: Heat Resilience and Sustainable Cooling from COP31 to COP32

Context

Extreme heat is one of the defining development and resilience challenges of the twenty-first century, affecting health and well-being, labor productivity, education, food and water security, infrastructure, energy systems, ecosystems and economic stability. The Singapore Global Cooling Pledge Assembly 2026 sent a clear message: **heat resilience and sustainable cooling must be addressed together** to reduce heat exposure and cooling demand, while bringing together efforts by governments to deliver on climate and development commitments.

The [Singapore Global Cooling Pledge Assembly 2026](#), hosted by Singapore from 15 to 18 September 2026, brought together more than 230 delegates, including representatives from 60 countries, subnational governments and partners. Its [Outcome Document](#) set out three main priorities: an ecosystem for supporting heat resilience and sustainable cooling; a shared agenda on heat resilience and sustainable cooling; and turning priorities into country led delivery.

Held as an COP31 event, this third Cooling Ministerial meeting builds on the [Belém Communiqué on Extreme Heat adopted at COP30](#), and carries the outcomes from the [Singapore Assembly Outcome Document](#) from the Global Cooling Pledge Assembly 2026 to Antalya. It brings together Pledge signatories and other participating national and subnational governments and partners to take stock of progress on heat resilience and sustainable cooling, launch the country-led development process for the Global Heat Resilience Roadmap for a Warming World, and invite collaboration through the thematic action coalitions of the Workplan 2027 to 2028. The Ministerial meeting welcomes the Antalya to Addis Heat Resilience Declaration and opens endorsement to be consolidated with the launch of the jointly developed Global Heat Resilience Roadmap at COP32 in Addis Ababa.

The COP31 Presidency has set two headline objectives: reducing building sector energy intensity by 25 per cent by 2035 and increasing the share of electricity in final energy consumption to 35 per cent by 2035. Passive and highly efficient cooling sits at the intersection of both.

The Ministerial meeting will reinforce the need for urgent action on heat resilience and sustainable cooling together, including through the co-development of the Heat Resilience Roadmap for a Warming World, strengthen the Global Cooling Pledge as a key international platform for heat and sustainable cooling, and accelerate integrated action through enhanced international cooperation, technical support, and investment in heat resilience and sustainable cooling solutions. The Ministerial meeting also positions heat resilience and sustainable cooling as a central sectoral contribution to the next phase of Paris Agreement implementation and the second Global Stocktake dialogue, which opens at COP31.

Objectives

- Launch a country-led process to co-develop together the Global Heat Resilience Roadmap for a Warming World, open to all governments, for endorsement with its Antalya to Addis Heat Resilience Declaration at COP32.
- Showcase country leadership in the action areas of the Workplan 2027 to 2028; and invite Pledge signatories and participating countries and partners to join the thematic action coalitions.
- Take stock of progress by countries on heat resilience and sustainable cooling, including implementation of the Global Cooling Pledge by its signatories, and carry forward the Singapore Assembly Outcome Document.
- Strengthen contributions to the second Global Stocktake and coherence between the Paris Agreement and the Montreal Protocol and its Kigali Amendment.

Expected outcomes

- A joint development process under way, with a framework agreed and the countries signed up to build the Roadmap, the Antalya to Addis Declaration welcomed at the Ministerial, and endorsement opened for the year ahead with the launch of the Roadmap at COP32.
- Thematic action coalitions of the Workplan 2027 to 2028 taking shape, with countries and partners signaling which they will lead, including an industry and advisory grouping linked to the Manufacturing Platform, and participating countries.
- A shared picture of where countries stand on heat resilience and sustainable cooling, as the basis for the next phase of workplan.
- Heat and sustainable cooling reflected in the opening of the second Global Stocktake dialogue, with a stronger coherence between the Paris Agreement and the Montreal Protocol and its Kigali Amendment.

Provisional Agenda

Moderator: Martin Krause, Director, Climate Change Division, UNEP

Timing	Agenda Item	Speaker
	Opening Remarks	
7 min	From Singapore to Antalya: Key Outcomes of the Global Cooling Pledge Assembly 2026 and the development of a Global Heat Resilience Roadmap	<ul style="list-style-type: none"> • H.E. Grace Fu, Minister for Sustainability and the Environment, Singapore • Inger Andersen, Executive Director, UNEP
7 min	Special Remarks	<ul style="list-style-type: none"> • H.E. Murat Kurum, Minister of Environment, Urbanisation and Climate Change, Türkiye (COP31 President) [TBC] • Simon Stiell, Executive Secretary, UNFCCC [TBC]
7 min	Opening Addresses by the Co-Chairs	<ul style="list-style-type: none"> • H.E. Dr. Amna bint Abdullah Al Dahak, Minister of Climate Change and Environment, UAE (COP28 Presidency) [TBC] • H.E. Adalberto Maluf, Vice Minister of the Environment and Climate Change, Brazil (COP30 Presidency)
6 min	Country Spotlights on Heat Resilience and Sustainable Cooling	<ul style="list-style-type: none"> • Ministers/Head of Delegations of Countries
	Ministerial Interventions of up to 2-3 minutes by Participating Governments and Invited Partners	
50 min	<p>Q1. Heat Resilience: Does the Roadmap resonate with your needs to address extreme heat and implement solutions?</p> <p>Q2. Progress: What progress has your country made on heat resilience and sustainable cooling, and what can others learn from it, including the Roadmap?</p> <p>Q3. Collaboration: In which thematic action coalition of the IGCC Workplan would your country like to engage? National Cooling Action Plans; Manufacturing Platform; Heat Resilience Roadmap etc.</p> <p>Q4. Global agenda: How can heat resilience and sustainable cooling be reflected in the second Global Stocktake, and how can Paris Agreement and Kigali Amendment implementation reinforce each other?</p>	<ul style="list-style-type: none"> • Ministers/Heads of Delegation of Countries
5 min	From Antalya to Addis: Continuity of the heat resilience and sustainable cooling agenda across COP Presidencies to COP32	<ul style="list-style-type: none"> • H.E. Gedion Timothewos, Minister of Foreign Affairs, Ethiopia (COP32 President) [TBC]
5 min	Closing Remarks	<ul style="list-style-type: none"> • Co-Chairs, Brazil and UAE
Group Photo		



Annex

Background:

At COP28 in 2023, the United Arab Emirates and the UNEP Cool Coalition launched the [Global Cooling Pledge](#), the first global political commitment to cut cooling-related emissions by 68% by 2050, while rapidly expanding access to sustainable cooling. Since its launch, the Pledge has become the leading international platform for advancing sustainable cooling through coordinated policy action, implementation support, and international cooperation.

At COP29, ministers convened for the [first Annual Cooling Ministerial meeting](#) to review progress under the Global Cooling Pledge. They adopted the first [Annual Progress Report](#), endorsed the [2030 Implementation Strategy](#), appointed Brazil as co-Chair of the Pledge Contact Group, and welcomed the proposal to establish the IGCC to strengthen governance and coordination of the Pledge.

The [second Annual Cooling Ministerial](#) at COP30 in Belém marked the transition from political commitment to implementation. Ministers formally established the IGCC as the governance body of the Global Cooling Pledge, adopted the [Global Cooling Watch Report 2025](#) and its [Annual Pledge Progress Section](#), endorsed the [Belém Communiqué on Extreme Heat](#), and welcomed the operationalization of the [Enabling Pledge Implementation for Cooling \(EPIC\) Facility](#) as the Pledge's implementation mechanism. COP30 also launched [Beat the Heat \(Mutirão contra o Calor Extremo\)](#), jointly led by the COP30 Presidency of Brazil and the UNEP Cool Coalition, as the implementation drive of the Global Cooling Pledge to accelerate coordinated national and local action on extreme heat resilience and sustainable cooling.

IGCC convened its first meeting of national focal points during the [2026 Global Cooling Pledge Assembly](#). The meeting discussed priorities for the next phase of the Global Cooling Pledge, advanced the development of implementation support through EPIC, and laid the groundwork for the strategic decisions and deliverables to be considered by ministers at COP31.

Additional information:

Global Heat Resilience Roadmap for a Warming World: An advisory framework to bridge existing heat resilience and sustainable cooling efforts, support countries to assess heat and cooling risks, identify implementation priorities and strengthen cross sectoral coordination, co-created with countries and building on existing national plans and institutions, for launch at COP32.

Workplan 2027 to 2028: A workplan for cooperation among willing Pledge signatories and other participating countries and partners, facilitating knowledge exchange, collaboration, implementation support and resource mobilisation in a flexible, demand driven manner, through thematic action coalitions on the Heat Resilience Roadmap, national and multilevel planning, market transformation and finance.

Manufacturing Platform: A voluntary initiative that brings together governments and manufacturers to increase the availability of efficient cooling equipment and accelerate the transition towards low and ultra-low GWP refrigerants.