



GLOBAL COOLING PLEDGE ASSEMBLY

SINGAPORE 15 - 18 SEPTEMBER 2026

Global Cooling Pledge Implementation Mechanisms

11:17 – 11:45



**Cool
Coalition**
a UNEP-convened initiative



Ministry of Sustainability
and the Environment
— SINGAPORE —



Global Cooling Pledge Implementation Mechanism



Lily Riahi

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Making the Global Cooling Pledge a Reality



NATIONAL ACTION

EPIC DEPLOY

In-country demonstrations

- Dedicated requests that require technology demonstration
- Links demonstrations to finance and business models

EPIC

Clearing house for country support requests

- Covers policy, feasibility studies, guidelines, plans and capacity building
- 25 country requests received to date

NATIONAL DIALOGUES

Ensure impact of support is sustained over time

- Coordinate government actors to deliver the request
- Match government with partners to deliver the requests
- Give governments ownership over partners and delivery

SUB-NATIONAL ACTION

BEAT THE HEAT

Connects national commitments to subnational action

- Translates national goals to subnational level
- Works with national governments to ensure subnational barriers are addressed

INDUSTRY ACTION

MANUFACTURING PLATFORM

Links government commitments to manufacturers

- Delivers energy efficiency and refrigerant transition commitments
- Accelerates market deployment for sustainable cooling

EPIC FACILITY – Snapshot of country needs



27

countries

53

requests



MEPS and sustainable procurement	Building codes and passive cooling : Integrating Passive, energy efficiency & NbS, linking to HAPs	NCAPs : Development, expansion, multi-level operationalization and investment assessment	NDCs : integrating cooling, developing NDC implementation plan and investment assessment	LRM	Sustainable Cold Chains	Renewable powered cooling and district cooling
10	9	15	4	4	5	6

EPIC FACILITY – Country & Partner Dialogues



Country-led engagement programme that matches government priorities articulated through EPIC Requests with UNEP technical support, Cool Coalition partner ecosystem, and donor support.

National Convening

- Cross-ministry convening including sub-national authorities where relevant
- Government agreed workplan for implementation
- Leverage UN Resident Coordinator and UN Country Team



Partner Convening

- Donors, Cool Coalition partners, including MDBs and financial partners
- Focal ministry and local partners
- Match priorities to finance and technical support

This ensures that the policy or programme will be grounded in local priorities and build a local ecosystem for sustainable implementation after the EPIC intervention.

Supporting countries and cities through Beat the Heat



Countries prioritized: policy, financial and technical support

- Armenia (5 cities)
- Burkina Faso (1)
- Brazil (87)
- Cambodia (3)
- Ethiopia (5)
- Ghana (5)
- Grenada (2)
- India (40)
- Kenya (14)
- Nigeria (17)

Cities

Local action /
Implementation

Community
Buy-in

Stakeholder
mobilization

Capacity
building

UNEP Cool Coalition and Partners

- Matchmaking needs to expertise
- Pipeline creation
- Multi-level Government and Partner Convening and Coordination
- Global Advocacy

Global Cooling Pledge Implementation Mechanism



Myriem Touhami

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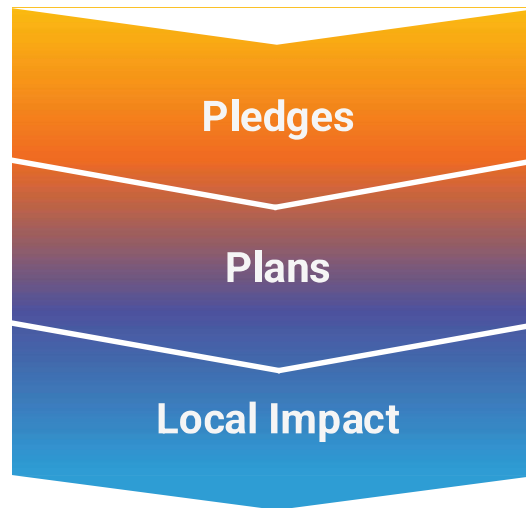
EPIC Deploy

Enabling Pledge Implementation for Cooling



Objective

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



Epic Deploy

How

by **supporting pilot projects** with high potential for environmental impact, improvements in **energy efficiency**, and **long-term sustainability**.



EPIC Deploy applications are open

Deadline: 31 October 2026



Who can participate

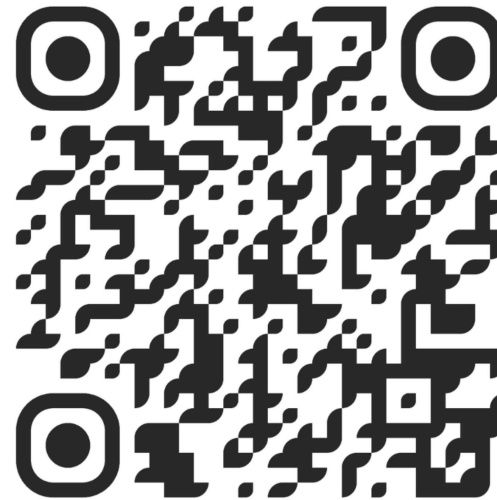
Support provided

Eligible costs

Eligible projects

Geographical scope

Timeline



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Who can participate	International Consortia	Consortium lead	Mandatory partnership
Support provided			
Eligible costs			
Eligible projects			
Geographical scope			
Timeline			

International Consortia

**PUBLIC, PRIVATE, NON-
GOVERNMENTAL AND
RESEARCH ENTITIES**

with **proven
experience** in the
sustainable cooling
sector

Consortium lead

must be the entity
with full
contractual and
fiduciary
responsibility.

Mandatory partnership

1. **A strong level of local content or local presence,**
2. **A Letter of Intent or a Memorandum of Understanding (MoU)** signed by all consortium partners needs to be presented.

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Type of support

GRANT

Time for implementation

36 MONTHS MAX.

OPERATIONAL IN 24 MONTHS,

+ min 12 months for

MONITORING performance.

Amount

Min. USD 200,000,
(excluding co-funding).

Max. USD 1,000,000.

Co-funding

- Minimum **20% of the grant amount**
- Cash and/or in-kind
- May come from various sources, including PPPs, development finance institutions, and international donors.
- Not all consortium members are required to provide co-funding.

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- **Overheads** – maximum 20%
- **Project management** – maximum 7%
- Hardware purchase
- Software costs (including any permits/licenses)
- Installation costs
- Working hours (staff and consultants)
- **Training cost**
- Costs for meetings and events
- Cost of **spare parts** and **maintenance** (O&M), subject to discussion on number of years
- Communication activities
- External services
- Other eligible pre-operational expenses, subject to approval
- Indirect taxes and duties, including VAT
- Travel expenses

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Type I. Tertiary sector

Hospitals, Universities and Public Facilities

- RE Integration: High-efficiency, low-emission cooling technologies
- HVAC Retrofit strategies & System Upgrading
- Building Envelope & Passive cooling solutions
- Smart Building Management and sustainable technologies
- Performance assessment of plant & facilitate fault detection
- Facility Operations & technical capacity: maintenance, training, spare parts

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Type II. Industrial Sector and Cold-Chain Especially in ports, food value-chains and logistics

- Upgrading and optimization of industrial refrigeration systems
- Strengthening cooling storage/infrastructure in ports and logistics
- Reliable, scalable and sustainable food cold chain solutions (i.e. post-harvest and pre-processing)
- Climate-resilient cooling systems capable of maintaining adequate performance under extreme temperature conditions
- Smart Monitoring & Predictive Maintenance ensuring service continuity

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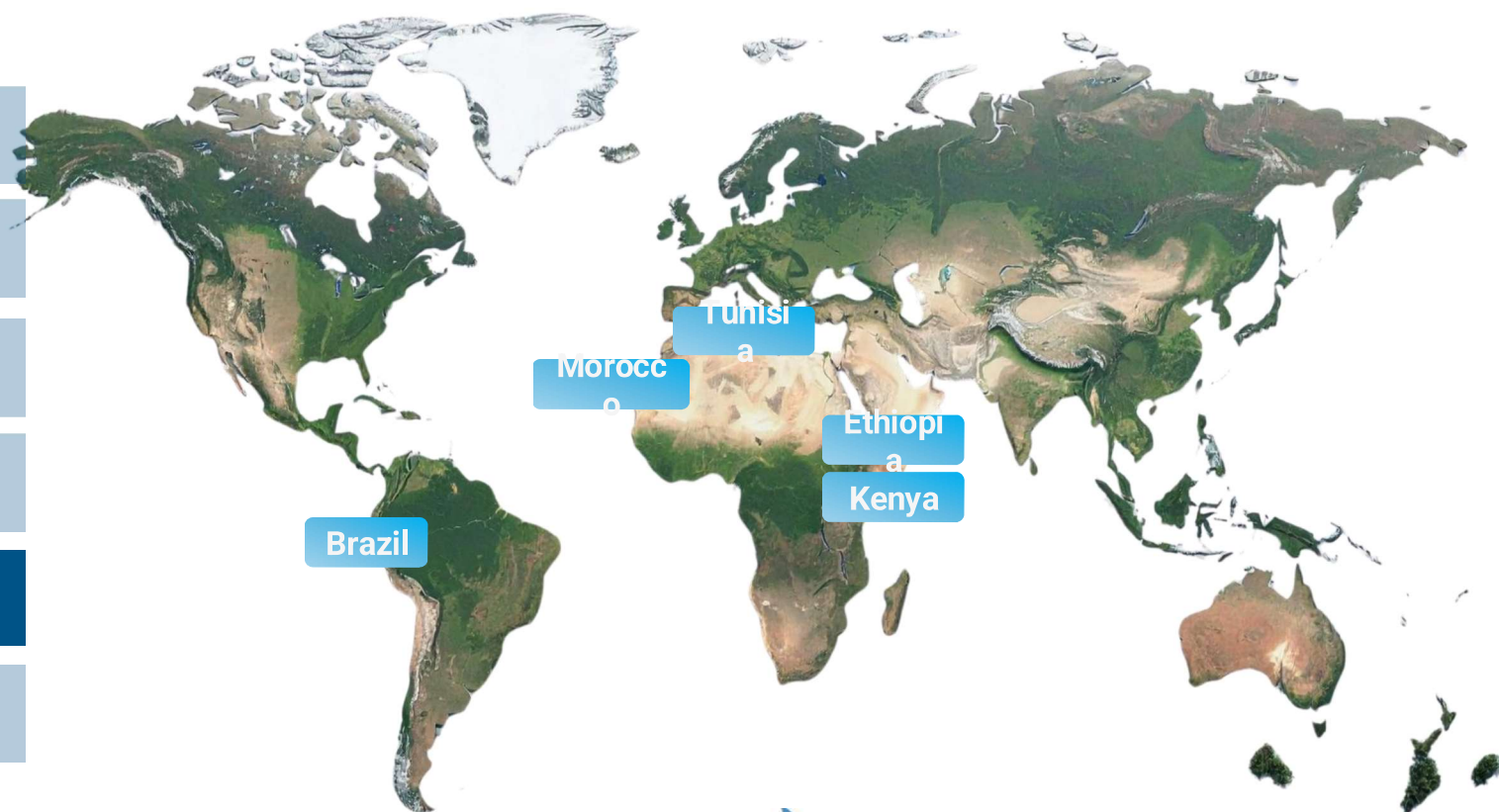


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2026				2027		
Q1	Q2	Q3	Q4	Q1	Q2	
Assessment		Call for Proposals		Project selection		Grant
• Partner engagement • Preliminary studies • Feasibility analysis		• Webinar • Launch of the Calls for Proposals, 21st July		• Preliminary screening • Assessment • Shortlisting and Due diligence		

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