



GLOBAL COOLING PLEDGE ASSEMBLY

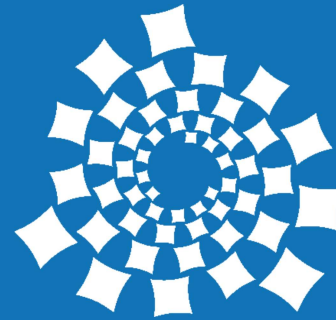
SINGAPORE 15 - 18 SEPTEMBER 2026

IGCC Session 2B



Ministry of Sustainability
and the Environment
— SINGAPORE —





GLOBAL COOLING PLEDGE ASSEMBLY

SINGAPORE 15 - 18 SEPTEMBER 2026

IGCC Sessions 2B

MARKET TRANSFORMATION TO SCALE PASSIVE COOLING SOLUTIONS

15:30-17:00



Ministry of Sustainability
and the Environment
— SINGAPORE —

Facilitator Framing



Benjamin Hickman

Programme Management Officer, UNEP

COUNTRY CHALLENGES

Passive, nature-based, low-energy and hybrid solutions can deliver nearly two-thirds of the potential cooling emissions reduction by 2050 and affordably deliver thermal comfort for billions.



MAJOR CHALLENGES · DIFFERENT STARTING POINTS

Low awareness and consumer demand

Lack of local skills and ecosystem

Price is not right, incentives absent

Limited local evidence and proof of concept

Lack of political buy-in and confidence

Governance gaps and limited institutional capacity

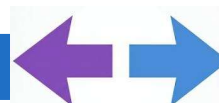
Fragmented projects not yet programmes



CHANGING GEAR ON PASSIVE: WORK PLAN FOR SCALING



POLICY FRAMEWORK AND ECOSYSTEM



DRIVING MARKETS TO SCALE

Demonstrations and proof of value

Tailored passive cooling guidelines, templates and checklists

Large-scale skilling programs and ecosystem building

Passive cooling in building codes and standards. Pathway to enforcement

Procurement specifications and cost norms

Large-scale awareness and campaigns

Financial and non-financial Incentives

Aggregated project pipelines, institutional portfolios

Blended/concessional finance to de-risk adoption

Carbon finance and credits

Adaptation and disaster-linked finance

Taxonomy for passive cooling

SOUTH-SOUTH-NORTH EXCHANGES -- REGIONAL ROADMAPS AND PLATFORMS -- ALIGNED TECHNICAL ASSISTANCE

Rapporteur reporting back



Satish Kumar

President and Executive Director,
Alliance for an Energy Efficient Economy (AEEE)

Cool Spotlight



Peter Rimba Maneno

Deputy Director Climate Change,
**Ministry of Environment, Climate Change and
Forestry, Kenya**



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IGCC Discussion: Delivery Challenges and Priorities for scaling passive cooling

Moderated by Benjamin Hickman, Programme
Management Officer, UNEP



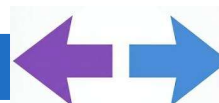
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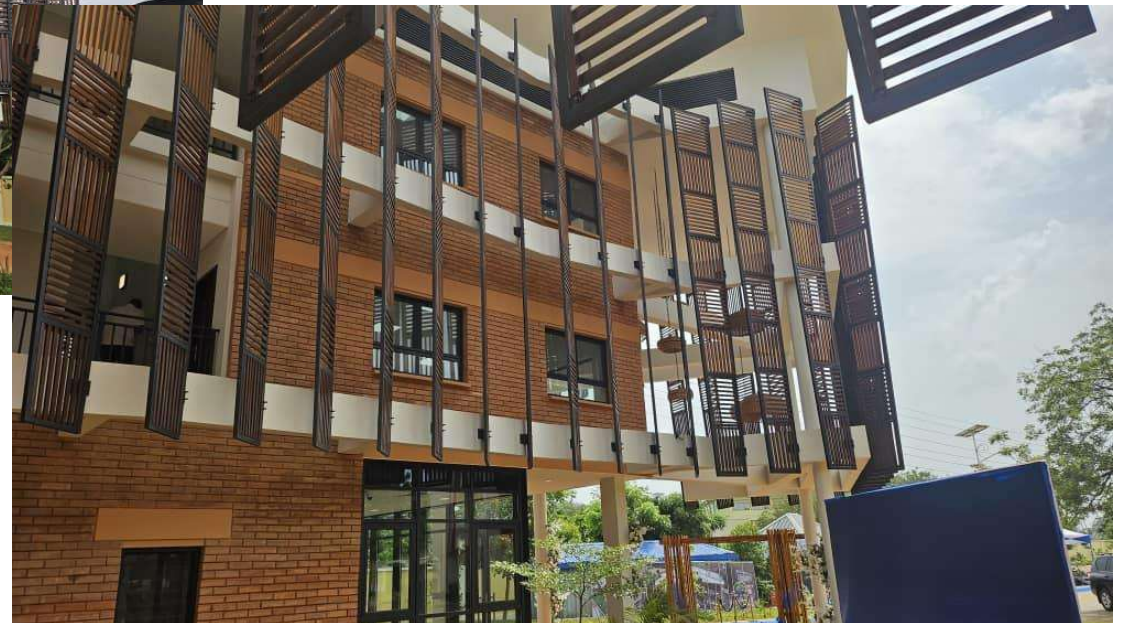
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Taxonomy for passive cooling

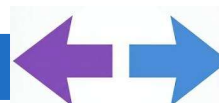
SOUTH-SOUTH-NORTH EXCHANGES -- REGIONAL ROADMAPS AND PLATFORMS -- ALLIGNED TECHNICAL ASSISTANCE



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Closing and Key Takeaways



Benjamin Hickman

Programme Management Officer, UNEP