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ACTION ON EFFICIENT, CLEAN COOLING - POLICY PERSPECTIVE

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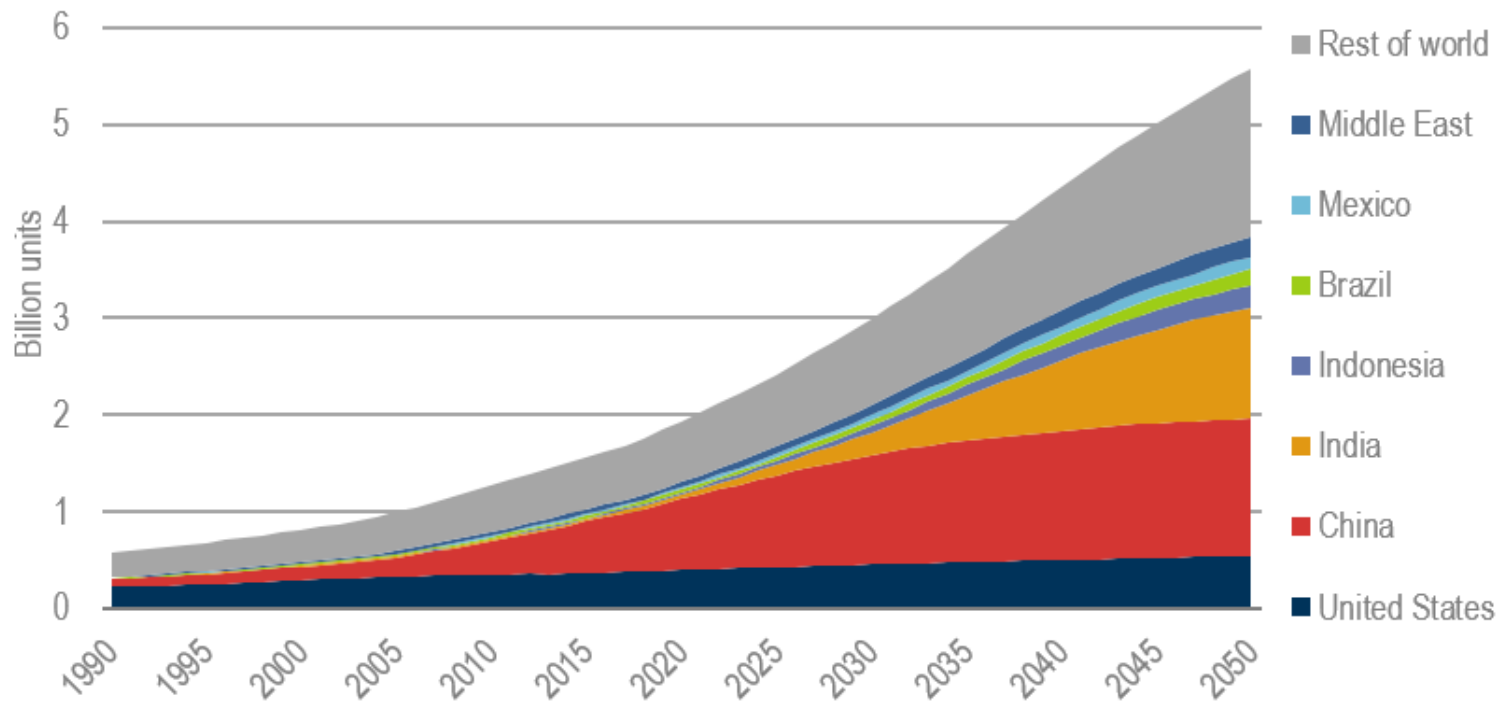
THE CHALLENGE



1.6 billion in use today
Could rise to
5.6 billion by 2050.

12GtCO₂e in 2050.

Global air conditioner stock





RENEWABLES TO ADDRESS GROWTH IN DEMAND?



ABOUT THE COOL COALITION



The Cool Coalition addresses a major ‘blind spot’ in the energy transition by creating a unified effort of governments, businesses and civil society on clean and efficient cooling. It takes a cross-sectoral approach to cooling systems, including building design, energy efficiency, renewables and energy storage.

The Cool Coalition will combine the global resources of its co-leads and champions – UN Environment, Rwanda, Chile, Denmark, World Bank Group, Danfoss, ENGIE, Arcelik, IEA, K-CEP, SEforALL, CCAC, C40, RMI etc. – to support governments to develop comprehensive and cross-sectoral national cooling action plans, to be included in NDC enhancement, while, setting ambitious targets, tracking results and monitoring impact.



A UNIQUE OPPORTUNITY

The GHG reduction potential is large▶▶

Action on energy efficiency to accompany the HFC phase down could amount to more than doubling the climate benefits from phasing out high global warming potential refrigerants



It links the Sustainable Development Goals



And Kigali Amendment and Paris Agreement Goals



COOL COALITION PARTNERS

The Cool Coalition currently includes:

GOVERNMENTS	BUSINESSES	CIVIL SOCIETY*	INTERNATIONAL ORGANIZATIONS AND AFFILIATED
 Chile  Denmark  Rwanda + LOCAL GOVERN:ENTS	Arcelik, Carbon Trust, Danfoss, ENGIE, Schneider Electric, Electrolux, Empower, International District Energy Association, International Copper Association, Velux	ASHRAE, Basel Agency for Sustainable Energy, Carbon Trust, C40, Care Without Harm, CLASP, Energy Foundation China, Environmental Investigation Agency, Global Cool Cities Alliance, K-CEP, Natural Resources Defense Council, REN21, Rocky Mountain Institute, International Solar Alliance, Shakti Sustainable Energy Foundation, TERI - The Energy and Resources Institute, University of Birmingham	Climate and Clean Air Coalition, International Energy Agency, Sustainable Energy for All Initiative, UN Environment, World Bank Group

EXAMPLE OF INDUSTRY PLEDGES

Pledge to make, sell, use, promote, or install efficient clean cooling solutions that are smart, climate-friendly, affordable.

Support innovation to develop and demonstrate new efficient cooling technologies and solutions

Offer Cooling as a service (leasing and maintaining equipment rather than selling) to encourage adoption of efficient equipment and improve o/m servicing

Company/Association XY will encourage policymakers to adopt and start enforcing – by 2023 – robust minimum energy performance standards with refrigerant gas requirements in legislation; and introduce for sale products that meet the requirements of this national legislation .
