









WELCOME REMARKS













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PRESENTATION

NOT PASSING ON PASSIVE COOLING:

HOW PHILANTHROPY CAN HELP ACCELERATE

THE CLIMATE BENEFITS





NOT PASSING ON PASSIVE COOLING:

HOW PHILANTHROPY CAN HELP ACCELERATE PASSIVE COOLING SOLUTIONS AND THEIR CLIMATE BENEFITS

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Passive cooling is the practice of using non-mechanical technology, design elements, and/or nature-based solutions to keep a space cool without using energy







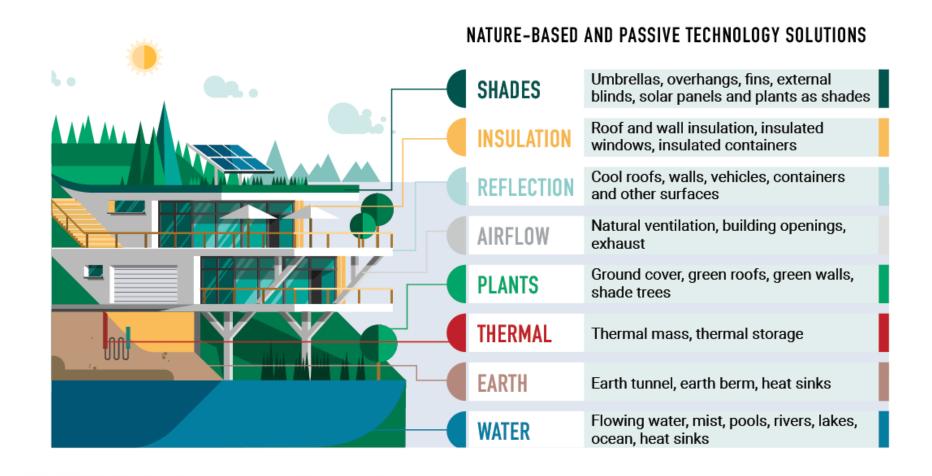




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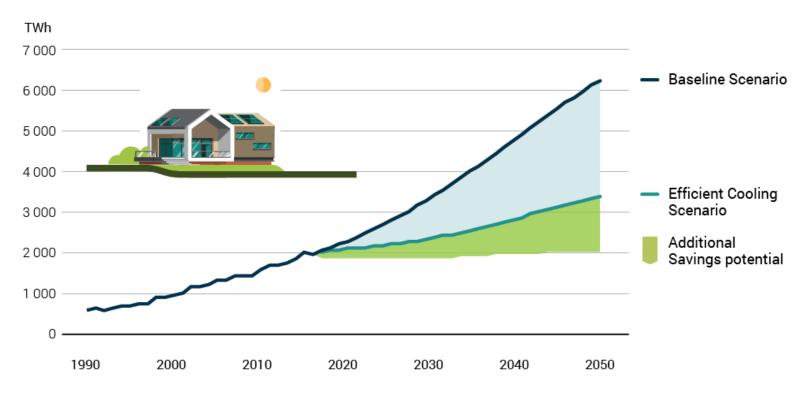
Many passive solutions can be incorporated into building, container, or environmental design and adapted to local climates







Passive cooling solutions can have an enormous mitigation potential in addition to efficient ACs



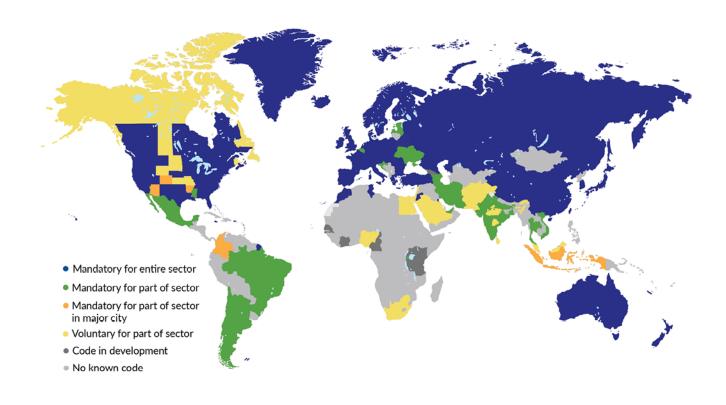
Additional energy savings potential from improvements to the building envelope

IEA 2018





1. Support the development of building codes that incorporate passive design elements



Map of building energy codes by country, state, and province in 2017

Global Alliance for Buildings and Construction (2019)







2. Promote access to cooling through passive solutions, focusing on heatwaves and net-zero cold chains











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3. Raise awareness of passive cooling solutions through awards, challenges, and education







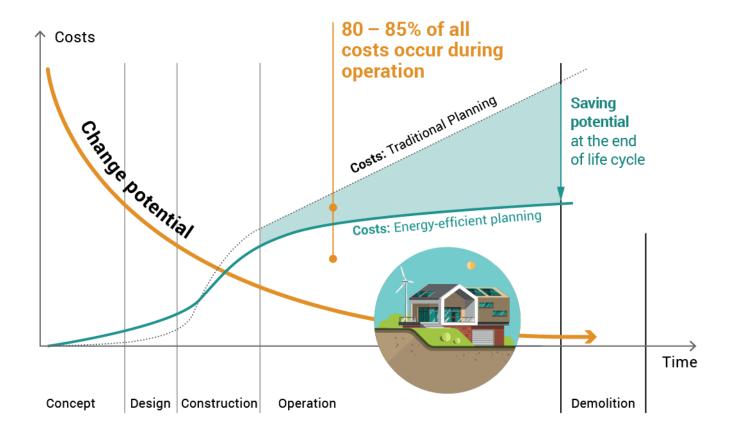








4. Build financial mechanisms to fund and de-risk passive cooling projects



Building design costs and change potential over time

Programme for Energy Efficiency in Buildings (PEEB) 2019; based on: Kovacic and Zoller (2015)







Philanthropy can collaborate with governments, development agencies, and the private sector to lock in passive cooling wins











HIGH-LEVEL PANEL



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CLOSING REMARKS

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THANK YOU

NOT PASSING ON PASSIVE COOLING

#THISISCOOL WEBINAR SERIES

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