

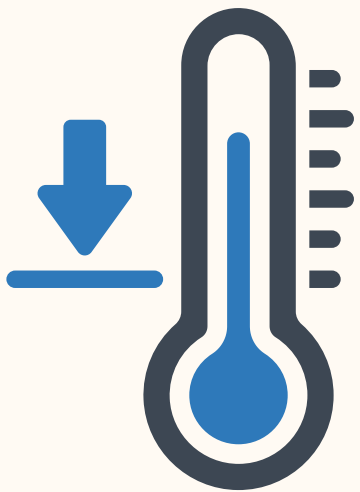
COMMUNITY ADAPTATIONS TO CITY HEAT

URBAN HEAT ACTION AND POLICY DATABASE

How are Los Angeles,
Philadelphia, and New York
City using cool pavement to
help cities beat the heat?



Traditional pavement absorbs heat and can contribute to the urban heat island effect. Cool pavements use lighter or more reflective materials designed to absorb less heat and keep surfaces cooler.

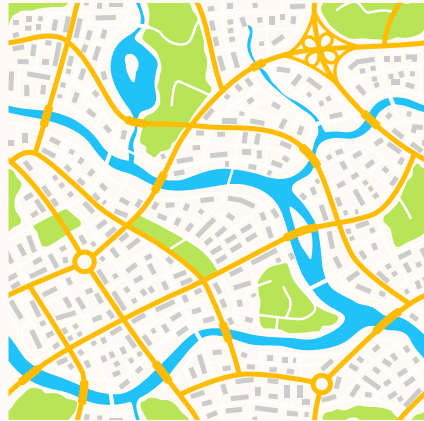


Cities are testing how these materials could reduce heat exposure, particularly in neighborhoods experiencing some of the highest temperatures.

The following examples highlight how Los Angeles, Philadelphia, and New York City are using cool pavements to help communities adapt to a warming climate.



Scroll to learn more!



Los Angeles

Los Angeles' Cool Pavement Pilot Program tested reflective pavement coatings across approximately 700,000 square feet of city streets. The pilot allowed the city to evaluate how cool pavement performs at a larger scale and its potential to reduce surface and neighborhood temperatures.



**Scan to read more
about the pilot program!**

 Reflective streets can help reduce heat absorbed by the built environment.



Philadelphia

Philadelphia is testing cool pavement in Hunting Park, one of the city's hottest neighborhoods due to large amounts of pavement and concrete and low tree canopy. Initial results found that treated pavement stayed cooler during the day, helping researchers evaluate its potential as a neighborhood heat mitigation strategy.



**Scan to read more
about cool pavement in
Hunting Park!**



Pilot projects can reveal both the potential and limitations of cooling strategies.



New York City

New York City enacted a cool pavement pilot program that will test at least two types of cool pavement in park pedestrian spaces near playgrounds. The program will operate in at least one heat-vulnerable community in each borough and monitor hyperlocal temperatures to evaluate its effectiveness.



**Scan to read more about
the cool pavement plan!**



Heat vulnerability data can help
target cooling investments.

Heat protections vary widely across cities — with major gaps in coverage and enforcement.

Do you know if your city has heat protection laws? Tell us!

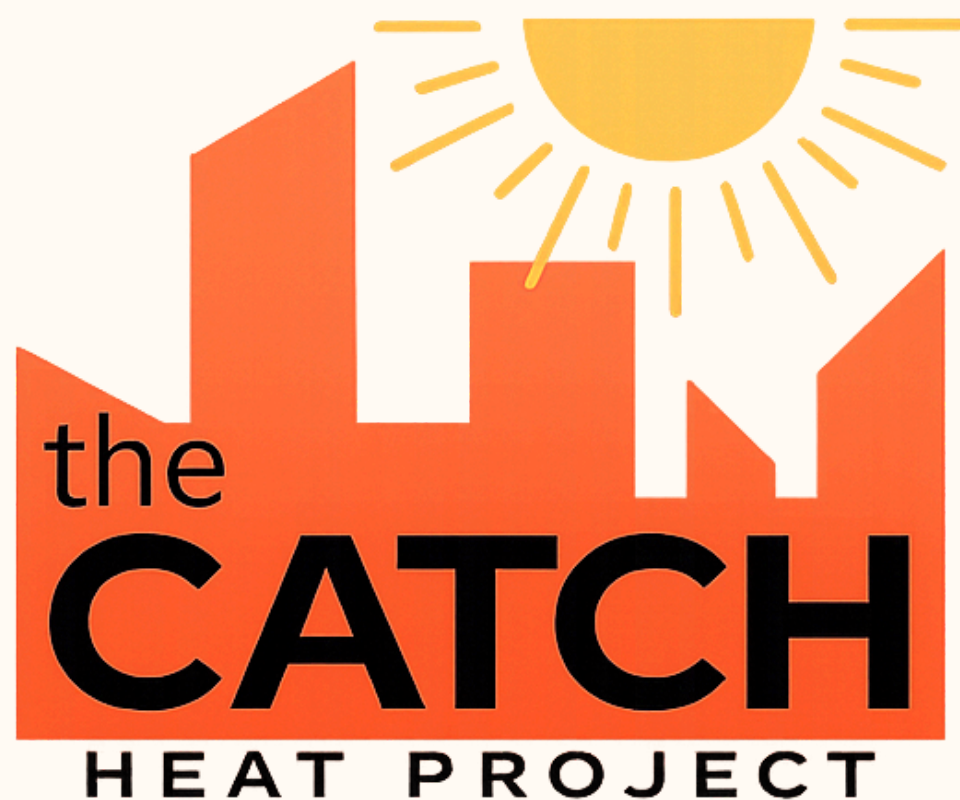


Check out our database to learn more about heat action and policies!



Making **extreme heat** impacts
visible in **frontline communities**.

Working in Boston, Phoenix, and
New Orleans.



A project at Boston University School of
Public Health funded by a Climate Impact
Award from Wellcome Foundation.



<https://www.catchcityheat.org/>