

### INNOVATION SNAPSHOT

**From a thermally efficient t-shirt, and a thermodynamic mattress, to an 'ultra-white' paint that cools buildings and saves energy, these innovations promise to beat the heat while caring for the planet**

The first half of 2022 has seen heatwaves in countries across the world including India, Pakistan, China, Japan, Europe, and the US. In Tokyo, the government in June asked 37 million people to switch off lights, in part as a result of a surge in air conditioning use. And Seville became the world's first city to name and rank heatwaves.

With so many recent instances of extreme heat, discover six of the best innovations keeping people cool.



## Thermal Efficiency-T-shirt

USA

The Thermal Efficient t-shirt reduces the need for air conditioning.

Saving energy

Innovative strategy

Thermally efficient

Reduction of reliance

Recyclable

**3** GOOD HEALTH  
AND WELL-BEING



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**13** CLIMATE  
ACTION

