

The high percentage of urban and built-up land cover in Bucuresti is a significant contributor to the urban heat island effect. To reduce the temperature and mitigate the impact of urban heat islands, several solutions can be considered:

1. **Increase Green Spaces:** Encourage the establishment of more green spaces, parks, and urban forests within the city. These areas can help absorb heat, provide shade, and reduce surface temperatures.
2. **Implement Cool Roofs and Pavements:** Promote the use of cool roofing materials and pavements that reflect more sunlight and absorb less heat. This can help lower surface temperatures and reduce the overall heat island effect.
3. **Urban Agriculture:** Support urban agriculture initiatives to increase vegetation cover within the city. Rooftop gardens, community gardens, and green roofs can help reduce heat and improve air quality.
4. **Tree Planting Programs:** Launch city-wide tree planting programs to increase the tree canopy cover. Trees provide shade, absorb carbon dioxide, and release moisture through transpiration, which helps cool the surrounding area.
5. **Sustainable Urban Design:** Encourage the use of sustainable urban design practices, such as green infrastructure, permeable surfaces, and strategic building orientation to minimize heat absorption and maximize natural cooling.

Advice for Citizens:

- Plant trees and maintain green spaces