

Given the high percentage of urban and built-up land cover in Bucuresti, there are several potential solutions for reducing the urban heat island effect and lowering the overall temperature in the city. Here are some suggestions for both citizens and the administrative council to consider:

1. **Increase Green Spaces:** Encourage the planting of more trees and creation of green spaces within the urban areas. Trees provide shade, absorb carbon dioxide, and release oxygen, which can help cool the surrounding areas and improve air quality. The city could consider incentivizing property owners to plant and maintain trees on their properties.
2. **Implement Cool Roofing and Pavement:** Encourage the use of cool roofing materials and pavement that reflect more sunlight and absorb less heat. The administrative council could offer incentives or regulations for new construction and renovations to use these materials, which can significantly reduce surface temperatures in urban areas.
3. **Promote Green Roofs and Walls:** Encourage the installation of green roofs and walls on buildings to provide additional green space and natural insulation. Green roofs and walls can help reduce the heat island effect, improve air quality, and provide habitats for wildlife.
4. **Enhance Public Transportation and Active Transportation Infrastructure:** Improve public transportation options and infrastructure for walking and cycling to reduce the number of vehicles on the road,