

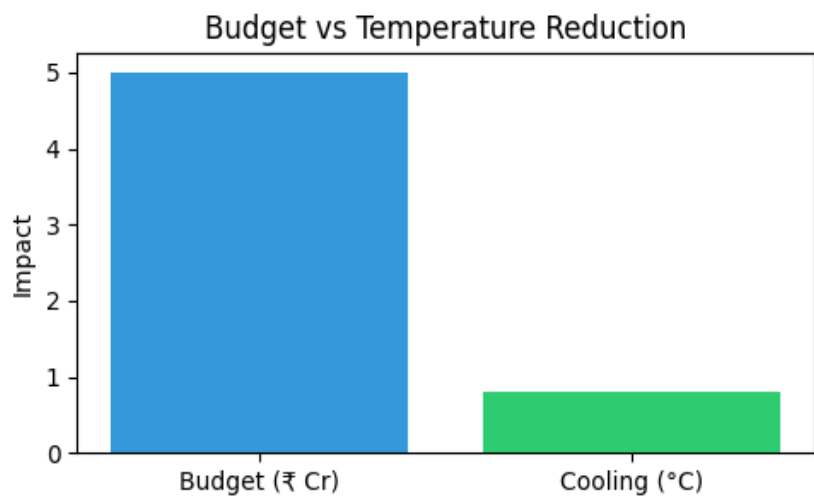
Pune Heat & Pollution Action Plan

Executive Summary

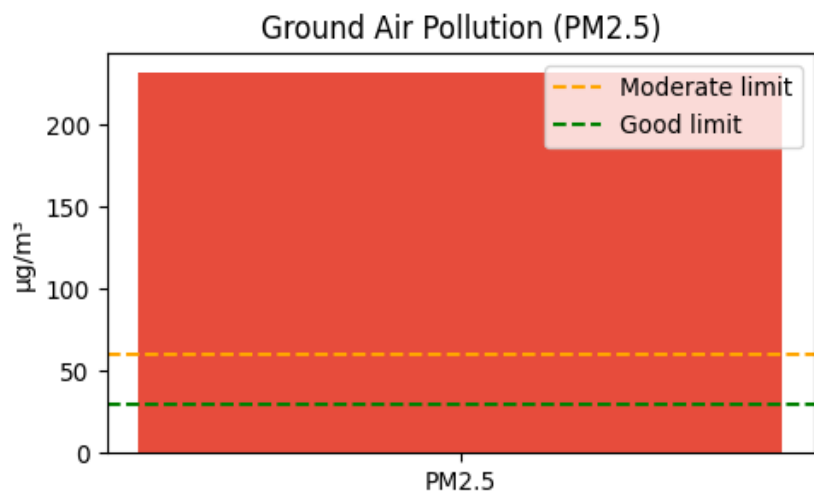
This plan integrates satellite-based urban heat assessment with ground-level air pollution monitoring to guide climate and health policy for **Pune**.

- Average surface temperature: **32.3 °C**
- High-risk heat zones: **0%** of the city
- Average PM2.5 level: **232.0 µg/m³**
- Proposed policy budget: **₹5 crore**
- Expected average cooling: **0.8 °C**

Budget vs Cooling Impact



Air Pollution Status



Recommended Cooling Interventions

Intervention	Estimated Cost (■ Cr)	Cooling Impact (°C)
Green Cover 10	1.0	0.5

City-Specific Focus (Pune)

- Protect hill slopes and green buffers from construction
- Promote rooftop gardens in IT corridors
- Increase tree cover along major roads
- Target industrial PM2.5 hotspots

Implementation Guidelines

1. Focus interventions in wards with highest heat & pollution overlap
2. Prioritize schools, hospitals, and slum areas
3. Integrate heat action plans with AQI advisories
4. Use satellite data annually to update hotspots
5. Track health impacts during summer seasons