



Air Pollution

Mitigation Plan-2025



MITIGATION OF DUST POLLUTION FROM ROADS AND OPEN AREAS



1. Innovation to control Pollution

1. Pilot project of cloud seeding through IIT Kanpur to study its effectiveness in dust mitigation. Historic Pilot Project of Cloud Seeding Through IIT Kanpur .
2. To promote innovation, MOU with leading experts, organisations and scientists for effective evaluation of various innovative ideas and to test their efficacy in dust and pollution mitigation.
3. First Time in Delhi, Start-up challenge/innovation challenge to bring out the most effective and economic ideas for dust and pollution mitigation.
4. Mandating the use of tested and proven technology in MRS and Anti-smog guns, etc.
5. Replicating Best Practices from other states.

2. Sprinkling Water to curb dust

1. Mega deployment of up to 1000 water sprinklers and 140 anti-smog guns across Delhi throughout the year—except monsoon season.
2. Monitoring such sprinkling and road sweeping using GPS, Cameras, Sensors and dash-boards.
3. Using mist spray/similar system on electric or other poles located in central verge along the road stretches in or around the 13 identified air pollution hotspots in Delhi in the first phase, to curb dust.
4. Massive Deployment of up to 200 MRS and other road sweeping and water sprinkling machines coupled with 20 dump vehicles, 70 electric litter pickers and 38 water tankers to fight against dust.
5. All commercial high rise buildings with an area of more than 3000 sq. m including all mall, hotels, etc., will install anti-smog guns on top of the building - throughout the year - except monsoon season.

3. Repairing Roads for Dust Control

1. **Survey**-Comprehensive Road condition surveys to ensure that no road is left out.
2. **Planning**-Development of action plan with a strategy to map all roads.
3. **Repair**-Repair of all roads, greening and paving of road shoulders and central verges.



Management of Construction and Demolition Waste



4. Effective Monitoring of Compliances with C&D Projects using AI and Digital Interventions

- 1 Compulsory Registration of all projects above 500 sq.m. with DPCC. Online linking of building plan sanctions of ULBs with the web portal.
- 2 Mandatory display of registration certificates of DPCC at the site of the construction and demolition projects.
- 3 Automatic AI-based notice and imposition of penalty on pollution parameters exceeding predefined limits.
- 4 ULB to include 14-point dust mitigation guidelines to be adopted as a standard clause while sanctioning building plans in Delhi.
- 5 Toolkit/handbook for cleaner building construction methods to be compulsorily provided with each building plan sanction.
- 6 The beta version of DPCC's AI-enabled C&D web portal 2.0 to launch including geo-tagging, interactive dashboards and reports, an automated alert system, a streamlined user interface and autogenerated compliance documents.

5. Ensuring 100% processing of C&D waste and promoting reuse of recycled products

- 1 Increasing C&D waste processing capacity by 1000 TPD by completing C&D waste processing facility at Tehkhand.
- 2 100% off-take of CD recycled products by govt. construction agencies and creating policy to increase off-take of C&D waste in private projects.
- 3 Efforts to waive off or reduce GST for C&D waste products to promote its use.

6. Cleaner Government Construction

1. The use of C&D recycled products to be made mandatory in all government projects.
2. Adoption of standard tender clauses mandating cleaner construction practice by all construction departments and autonomous agencies in Delhi.



Control of Vehicular Pollution

7. Getting End-of-Life vehicles out of Delhi

1. ANPR Cameras equipped with digital display screens to be installed at Delhi's border entry points to identify End of Life Vehicles.
2. SMS messages to End-of-Life vehicles registered in neighboring states warning them not to enter Delhi.
3. Enforcement on identification of all EoL vehicles through the ANPR cameras or other such systems installed at the fuel pumps stations w.e.f. 01.07.2025.
4. Billboards on either side of the border entry points shall be installed publicizing entry restrictions on non-destined.



8. Ensuring entry of cleaner goods vehicles in Delhi

1. Enforcing a strict ban on the entry of all transport/commercial goods vehicles viz. LGVs, MGVs and HGVs, other than BS-VI, CNG and EVs, into Delhi w.e.f. 01.11.2025, except such vehicles registered in Delhi.

9. Easier seamless entry in Delhi to Control Pollution

1. Establishment of automated RFID-enabled cashless toll/cess collection at all major border Entry Points of Delhi, ensuring coverage of 95% of incoming traffic in Delhi.

10. Revamping PUC Centres

1. Issuance of an order of Mandatory half-yearly audits of all PUC Centres.
2. Amending PUC regulations to ensure better and easier pollution check.
3. Creation of infrastructure for material recovery and disposal of end-of-life vehicles in Delhi.

11. Promoting Electric Mobility

1. Deployment of battery-operated vehicles like E-Rickshaw/E-Cart in various hubs in Delhi, ensuring last-mile connectivity.
2. Deployment of 2299 e-autos by Delhi Metro at metro stations.
3. Develop a charging network-creating 18,000 public and semi-public charging points.
4. Steps to increase electric charging points in commercial complexes like malls, airports, bus-stations, railway stations, commercial parkings of Municipal Corporation of Delhi, New Delhi Municipal Corporation and other private entries.
5. Audit on usage of existing EV infrastructure and plan to revamp the same.
6. Assessing the location and requirements of new swappable battery stations in Delhi and creating policy to promote their establishment.
7. Transitioning 80% of Government vehicles to clean fuel.
8. Bringing new EV Policies to Promote and increase sales of EV vehicles.
9. Allowing Use of only EV vehicles and phasing out non-essential EV vehicles in Forest and Protected areas of Delhi.

12. Ensuring Cleaner Public Transport

1. Bringing 5004 new electric buses to Delhi to promote public transport and control vehicular pollution.
2. Revamping of all bus-stops and depots in Delhi and increasing their all-weather usability by exploring innovative solutions like mist spray etc.
3. Attempt to lift the ban on e-rickshaws and auto-rickshaws and to rationalize their use through effective transport policies.



13. Abating Air Pollution Through Effective Road Traffic Management

1. Intelligent Road Traffic Management to reduce waiting times on Red Lights with intelligent traffic lights and synchronizing of electronic monitoring for traffic violations.
2. Comprehensive assessment of Parking Requirements in Delhi and enforcement of parking area management plan in Delhi.
3. Diversion of non-destined truck traffic to prevent congestion.
4. Operation of MRS and Water Sprinklers at night and non-peak hours to avoid congestion during peak-traffic hours.
5. Strict Enforcement against illegal parkings and road obstructions and encroachments.
6. Implementation of Street Design Guidelines with special mobility zones to promote walking, cycling and electric mobility in Delhi.

14. Curbing Air pollution through DG sets

1. Strict enforcement against non-compliant DG Sets.
2. Enforcement allowing only DG sets meeting CAQM directions (running on cleaner fuels and retro fitment of DG sets) to operate.
3. Planned phasing out of use of DG sets in cellular towers and to promote use of alternate power.

REDUCING WASTE TO REDUCE POLLUTION



15. Bio-mining of legacy waste

1. Ensuring zero landfill fires by 100% liquidating legacy solid waste through biomining at sanitary landfill sites. Okhla by March 2027 and Bhalswa and Ghazipur by December 2027 and September 2028, respectively.

17. Increasing Waste Processing Capacity to Ensure a Future without Landfills

1. Expansion of existing waste-to-energy plant at Okhla from 1950 to 2950 TPD by March 2027.
2. Establishment of a new waste -to-energy plant at Narela-Bawana with a capacity of 3000 TPD by November 2028.
3. Completion of One Bio-Gas Plant at Ghogha Dairy of 100 TPD by July 2025.
4. Completion of One Bio-CNG Plant in Okhla of 300 TPD by July 2025.
5. Ensuring Net-zero waste to any landfill by September 2028.

16. Managing Waste

1. Reaching 85% waste segregation at source (separating out days for collection of wet and dry waste, incentivizing collection and transportation of segregated waste, and making bulk waste generators liable for segregation and processing) to reduce waste production and increase waste recycling.
2. Target 100% of bulk waste generators for segregation.

18. Curbing Biomass Burning

1. Mandating RWAs, MTAs, government, and private offices to provide electric heaters to security, horticulture, and misc. staff to prevent biomass/MSW burning in winters.
2. Campaign with RWAs to distribute electric heaters to security guards/labourers and to discourage open burning of garden waste, and through security guard agencies registered with the Home department (continuous).
3. Special Provisions in Landfills to reduce incidences of fires and pollution.



Monitoring Pollution for Effectively fight It

19. New Monitoring Stations and Equipment

1. Addition of 6 new locations for monitoring air quality.
2. Real-time source apportionment study of air pollution-operation of one supersite laboratory along with one mobile van.

20. Re-inventorisation of major and minor air pollution sources in all identified hotspots in Delhi.

Abating Industrial Pollution

21. Strict Enforcement against polluting industries

1. Fresh one-time survey and closure of polluting industries in notified industrial/redevelopment areas.
2. Implement online Continuous Emission Monitoring System (CEMS) across all targeted and applicable polluting industries and putting the same in public domain.
3. Strict implementation of the approved fuel list including strict ban on coal for industrial application.
4. Enforcement action by cross-functional teams on illegal e-waste hotspots through weekly special drives.

22. Improving Infrastructure in Industrial Areas

1. Deployment of Water Sprinklers and Anti-smog guns in all industrial areas.
2. Improving road and other infrastructure in Industrial Areas to curb dust pollution.
3. Bringing new industrial policy. Substituting polluting industries with service based industries to reduce pollution. Incentivising clean production.
4. Creation of E-waste Eco-park.

GREENING DELHI FOR HEALTHY DELHI



23. Comprehensive Greening Initiatives

1. Replace all existing petrol, diesel, and CNG vehicles-such as trucks, jeeps, cars, motorcycles, and utility vehicles in the forest area-with electric vehicles (EVs).
2. Planting more than 61 lakh trees, shrubs, bamboo and hedges and distributing more than 9 lakh saplings free of cost for a cleaner and greener Delhi.

24. Regulatory framework for Green Initiatives

1. Tree cutting SOP to protect our trees.
2. Effective implementation of Delhi Preservation of Trees Act 1994.
3. Bringing amendments in Delhi Preservation of Tree Act to make it more responsive to changing needs of Delhi.

Converting Mitigation to Mass Movement

25. Public Participation for spreading environmental awareness

1. Involving masses in organizing and celebrating events like Environment Day, VanMahotsava, etc., to be a part of government initiatives.
2. Roping in Citizens of Delhi to act as environmental Messengers and partners in fight.
3. Effective use of mass media, social media and print media to spread awareness about pollution issues and mobilize participation of residents of Delhi in mitigation efforts by challenges like Life without a poly bag challenge.