



EnviroVigyan

Initiatives taken by Delhi Government to Manage Air Pollution

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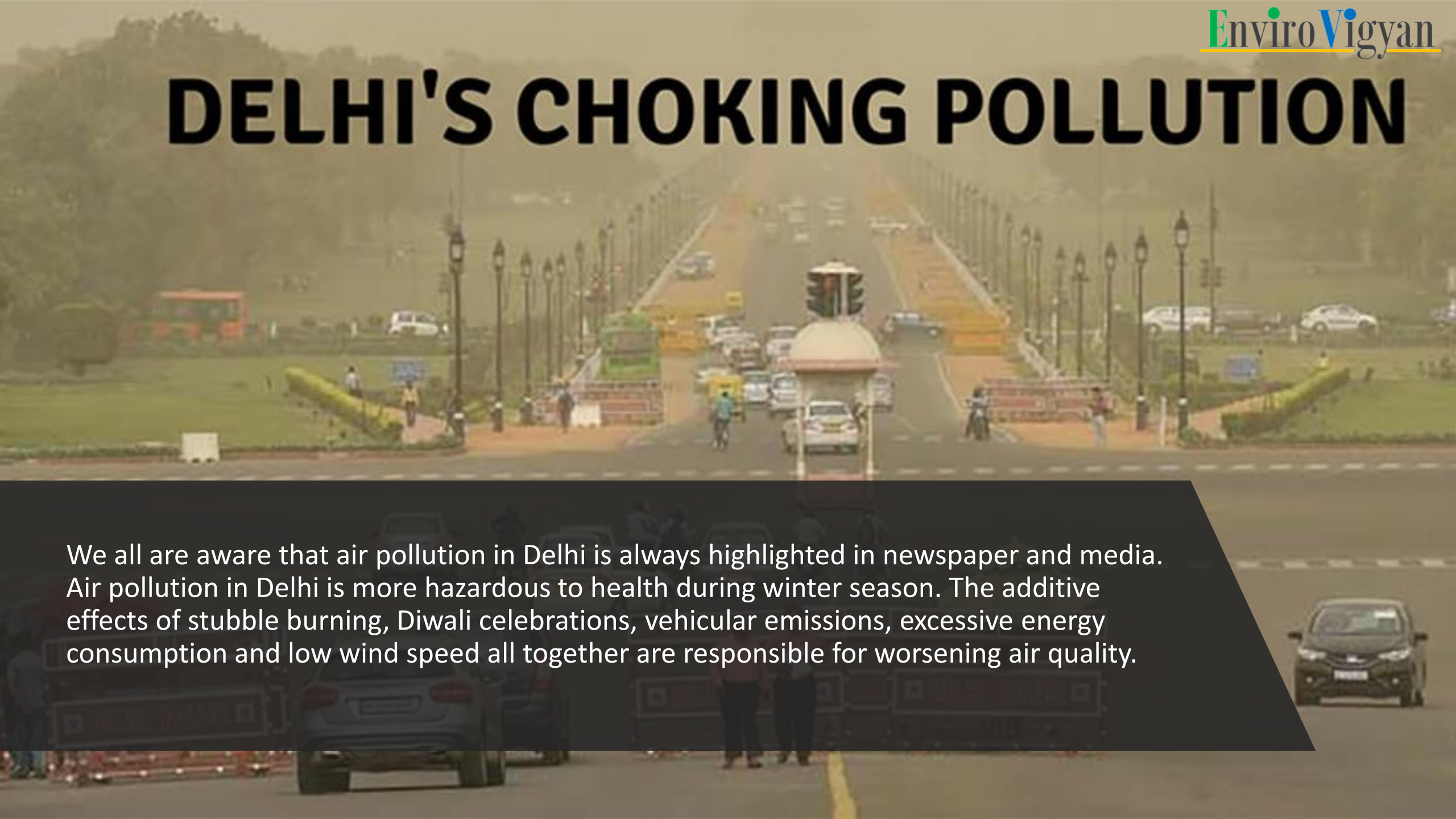


About EnviroVigyan

EnviroVigyan is a registered not-for-profit, non-government organization (NGO), founded by Dr. Anchal Garg in the year 2021. The scientific activities of this organization are supported by a dedicated team of experts drawn from academia and research institutions. The self-motivated dynamic group of experts works in multi-disciplinary areas of societal importance covering different issues of environmental concern. The research, training, and awareness programme focus on the thematic areas ranging from air pollution, waste management, water and sanitation, to climate change, ecosystem restoration, and associated public health.



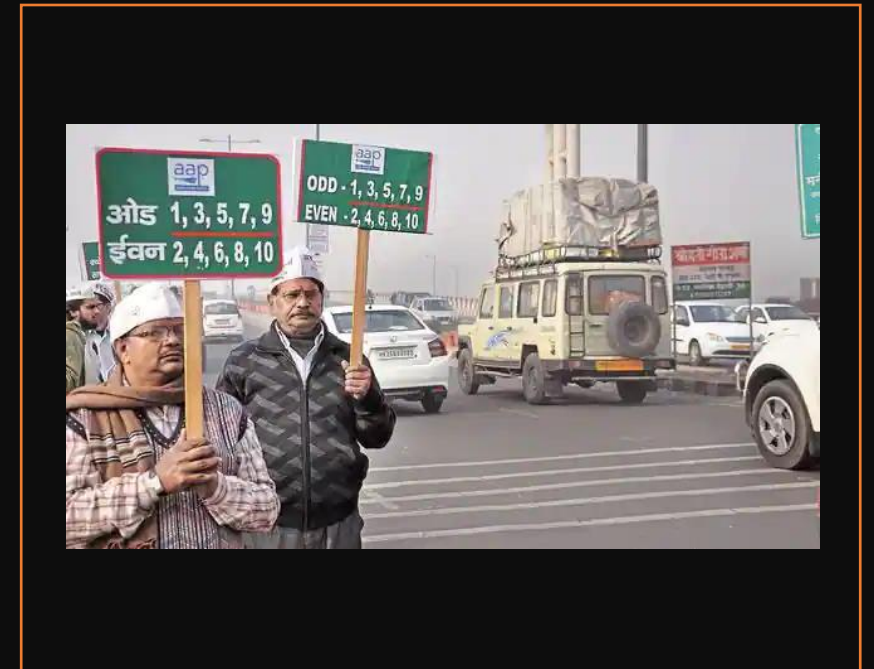
DELHI'S CHOKING POLLUTION



We all are aware that air pollution in Delhi is always highlighted in newspaper and media. Air pollution in Delhi is more hazardous to health during winter season. The additive effects of stubble burning, Diwali celebrations, vehicular emissions, excessive energy consumption and low wind speed all together are responsible for worsening air quality.

Odd-Even Policy on Vehicles

In January 2016, Delhi government has launched odd even policy for the vehicles. This policy was applied on private and non-commercial vehicles. These vehicles are allowed out on road on alternate days. The vehicles which are having end digit as odd on its license plate are allowed to run on odd days, whereas which end up with even digit are allowed on even days.



Tree Transplantation Policy

This policy by Delhi government mandates 80% of the trees affected by construction and development activities must be transplanted. Under this policy, it is mandatory to plant 10 saplings, if you cut down one tree. It will help in increasing the green cover area of Delhi, thereby reducing air pollution.



Enhancement in Parking Fees by four times

Delhi authorities including Municipal Corporations of Delhi (MCD), Delhi Development Authority (DDA), Delhi Metro Rail Corporation (DMRC) hiked the parking fees by four times Delhi to encourage the use of public transportation and reduce the vehicular pollution on roads.

'Red Light On, Gaadi Off' idling



In city like Delhi, having more than 10 million vehicles, it is very difficult to control vehicular emission. Due to this, Delhi's government has taken a small initiative 'Red Light On, Gaadi Off' campaign, to turn off your vehicle when traffic red light is on. For making this campaign more effective, over 2500 volunteers have been working over 100 traffic signals for raising the awareness.



Anti-Dust Campaign

Various studies have reported that constructional activities are the major source of dust particles in Delhi's air. For solving this problem, Delhi government has raised an anti-dust campaign for strict monitoring of construction sites across the city. All major sites, operating in an area over 2,000 sqm, were ordered to mandatorily install two antismog guns, for regular water sprinkling.

Bio decomposer to turn stubble into manure

The farmers of Delhi's nearby states Punjab, Haryana, Uttar Pradesh are always blamed for increasing Delhi's air pollution by burning of stubble. To solve this, the government, in early October, started spraying bio decomposer, developed by the Indian Agricultural Research Institute (IARI), on crop stubble to turn it into manure.



Banning of waste burning and restriction of industrial activities

National Green Tribunal (NGT) has banned on industrial activities and entry of trucks in Delhi, when air quality is worsening. This activity is coming under Graded Response Action Plan (GRAP) launched by Central Pollution Control Board (CPCB) to solve the problem of air pollution.





Promoting use of public transportation

Since transportation sector has been considered as major responsible source for air pollution in Delhi, hence use of public transport in place of private vehicles is more preferred. The Metro rails, and buses services are increased in Delhi to promote the use of public transport.

Delhi Electric Vehicle Policy

Delhi government has launched this policy on August 7, 2020, with a vision to promote adoption of electric vehicles in the city and to make Delhi, the EV Capital of India. This policy aims to improve Delhi's air quality. The policy also intends to deploy 25% of all new vehicles to be battery-operated vehicles by 2024.




दिल्ली सरकार

आप की सरकार

Delhi Electric Vehicles Subsidy Scheme 2020



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The background image shows a large, multi-tiered structure, identified as a smog tower. It has a dark grey or black exterior with a prominent row of large, white, circular fans. Above the fans, there is a balcony-like structure with a railing, decorated with orange and yellow garlands. The top part of the tower is a bright green color. The sky is overcast and grey.

India's first Smog Tower in Connaught Place, Delhi

The smog tower is designed to transform polluted air into clean air. India's first smog tower has been placed in Connaught Place having approximately 24 metre-high structure fitted with fans and air filters. The tower also has 40 big fans and 5,000 filters to clean the polluted air.

EnviroVigyan's 6E Working Framework



We EDUCATE
People



We ENGAGE
Community



We EMPOWER
Women



We EXPLORE
Solutions



We conduct
EXPERIMENT



We ESTABLISH
Facts

Working Areas:

Air Quality Assessment and Control (AQAC)
Water Quality Assessment and Management (WQAM)
Waste Management and Health (WMH)
Climate Change and Sustainability (CCS)
Biodiversity and Conservation (B&C)
Natural Resource Management (NRM)
Public Health and Hygiene (PHH)

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