

HOW TO REDUCE AIR POLLUTION

Sarthak Mishra

Freelance Content Writer

Air pollution is the undesirable presence of impurities in the atmosphere. Air pollution can be defined as the contamination of the atmosphere with anomalous concentrations of harmful substances. It is a serious health and environmental concern since it can cause several life-threatening respiratory diseases and also disturb the ecological balance. Air pollutants are fine particulate matter that is released in the atmosphere as the by-product of different human activities. Some typical air pollutants are sulphur dioxide, carbon monoxide, nitrous oxides, ammonia, chlorofluorocarbons (often abbreviated to CFCs), and methane. According to the World Health Organization (WHO) in 2019, based on the concentrations of PM2.5 emissions, India, was ranked the fifth most polluted country. Also, 21 among the top 30 polluted cities were in India. Below discussed are some ways through which air pollution can be reduced in India

Recycle Everything

You can recycle almost everything, from batteries to paper to cars. Before you throw it away, take a minute to find out if you could recycle it instead.



Replacing diesel and gasoline-powered vehicles with electric vehicles:

A decade ago, it was extremely troublesome to change your fossil fuel-driven car with an electric vehicle. Purchasing an electric car was too expensive. In 2021, there are some good electric/hybrid vehicle options. In the coming years, this market is only going to increase.

Make use of Renewable Energy: Renewable energy is a much cleaner version of power generation. Technology has made such great progress in the last few decades. There are many affordable options and programs available for the residential use of renewable energy nowadays. Like solar power can save a ton of energy for you and, on top of that, it could also end up saving you a lot of cash in the long run as well.

Eliminating uncontrolled diesel, emissions:

A key development in preventing harmful emissions has been the Diesel Particulate Filter (DPF), which traps soot particles. All new diesel cars in the EU have been fitted with this technology since 2011. Retrofitting older diesel vehicles with systems that reduce nitrous oxide emissions is a viable solution to today's air pollution challenges.

Preventing crop burning: Stubble burning is the intentional burning of crop residue. This burning causes emissions of harmful gases in the atmosphere. The current machine used for crop harvesting leaves behind a large residue. Improvements should be made in the technology used in such machines so that minimal residue is left behind. The use of machinery like Happy Seeder to remove the stubble should be promoted. The government should make these machines available and economically viable for farmers.

Avoiding the burning of garbage: Due to the lack of systematic waste collection, waste burning is a widespread practice in India. The only way to deal with this is by ensuring the municipal corporation work properly.



Source: Medium.com

To stop air pollution, we need to harness scientific and social expertise to develop and promote eco-friendly technologies in construction, energy, water management, industrial production and transportation. Scientific innovations need to be complemented by legislative change as well as by change in social behaviour.



GO LOCAL Grow your own vegetables as it is a great way to cut down your carbon footprint and be eco-friendly. Buy local things, from clothes to food, the closer to home these products are made and bought, the less carbon is created with their transportation. Not only that, but you'll be supporting the local things.

