



All about Air Pollution

What is air pollution?

A number of different substances suspended in the air that are harmful to human, animal and plant life.

Petrol vehicles are the largest contributor to air pollution in East Herts.

How do cars create pollution?



Cars produce Nitrogen oxides (NOx) from their exhaust pipes.

NOx is made up of inorganic gases formed by combination of oxygen with nitrogen from the air. One part of NOx is NO2.

NO2 causes **detrimental effects to the bronchial system.**

Particulates



Particulate matter (PM10 & PM2.5) are microscopic particles of solid or liquid matter suspended in the air. These particles are small enough to penetrate deep into the lungs and so potentially pose **significant health risks** to people exposed to them.

Cars create this type of pollution from friction between their tires and brakes against the road. This means that even electric cars create this damaging type of pollution.

Why is it bad?

Poor air quality affects many things. It is detrimental to a person's mental and physical health. It is also bad for the environment, being a large contributor to climate change.



Breathe Clean
in East Herts



In collaboration with
Let's clear the air Hertfordshire

 Department
for Environment
Food & Rural Affairs