

# Emissions & Air Quality

- There are many sources of air pollution, including power stations, road transport, household heating, agriculture and industrial and construction processes.
- Air pollution can be quantified in two ways – the amount of air pollutants released into the atmosphere by a source (**emissions**) and the concentration of air pollutants in a location (**air quality**).
- Air pollution is real and harms the health of millions but there are lots of simple things we can do to improve air quality and look after our own and other people's health;
- Use your feet, leave your car at home and walk!
- Use public transport or car share.
- Maintain your car - Having well inflated tyres and an empty boot helps use less fuel!
- Getting a new car soon? Look into alternative options such as hybrid, electric or LPG - With cars, vans and lorries responsible for so much air pollution, low-emission electric vehicles (EVs) are the future - and their costs over a lifetime are cheaper than you might think. (you'll save on your road tax too)
- Offices, plant, machines and dust suppression - Ensure plant and machineries are well maintained, not left idling, dust suppression in place using water saving techniques and use natural ventilation over forced ventilation (air conditioning).

## Did you Know?

There are several health issues linked with poor air pollution including, such as;

- Asthma, coughs and bronchitis
- Reduced birth weight of babies and premature births
- Links to Lung Cancer
- Increased risk of death from cardiac and respiratory issues



Q: Can you name three health issues related to emissions and poor air quality?

Q: Can you name three sources of emission pollutants from our own project and work site?

Q: Can you name three things we can do to prevent it?