

## What brings about more Greenhouse gases?

In this new era (the age of industrialization), the earth is full of industries. Millions of vehicles, aeroplanes and engines are produced every year. A lot of artificial things have been produced and have ended up in waste dumps. Humans produce much more waste than ever before.



They all produce a lot of smoke, fumes and water vapor!

Energy production is still a major driver of GHG (greenhouse gas) emissions. For instance, in 2010, the energy sector emitted approximately 35% of GHG, followed by Agriculture, forests and other land uses (24%), Industry (21%), Transport (14%) and Building sector (6.4%).

Simply put, human's reliance on artificial things, including all the things that make us comfortable at home, has contributed immensely to the emission of more greenhouse gases than before. These gases in the atmosphere have trapped more heat on the earth's surface and made it warmer. This is Global Warming.

YOU and I also produce  $\text{CO}_2$  and other greenhouse gases in a way, by the things we use at home. Do you have some of these items in your house?



It is very **IMPORTANT** that you turn off all electrical appliances when they are not in use. This is good practice, and you end up saving some money too.

Everything humans have at home or workplace need power to work. This power comes from burning fossil fuels and other natural sources. The more fuels are burnt, the more **CO<sub>2</sub>** are produced into the atmosphere.

This means each time your dad drives his car, or you turn on an electric appliance, you are indirectly adding to the greenhouse gases in the atmosphere.