

Pollution, Global Warming and Sustainability

When we hear the terms Global Warming, mere thoughts rushing into our minds are on pollution. We live in a world where no one could ever think of their existence without vehicles, machinery, equipment, containers many more mechanical devices which consume and emit various carbon compounds to operate.

Does this mean that people do not care about environment? Do people pay less concern about the consequences on the surroundings because of their behavior?

It is true that we live in 21st century, the needs and wants of every human being have multiplied by greater magnitudes and we have to make decisions daily to satisfy them. If we take a vehicle, it has become an integral part of one's life at present to perform his/her daily chores. But have we thought about how it can impact the air we consume, plants we feed on and water we drink?

Lack of attention to these resources due to human activities has led to rising concerns on global warming. Global warming is an effect caused by increasing levels of greenhouse gases like carbon dioxide, methane, nitrous oxide etc. This is causing climate change and disastrous effects on the ocean depleting the icebergs in northern and southern hemispheres resulting rise in sea levels. Aquatic flora and fauna are endangered while making threats to life on land too. These harmful gases get trapped in our atmosphere depleting the ozone layer due to human activities like excessive use of old vehicles which are not roadworthy, industrial activities, forest clearance and many more.

With the latest trends in technology, there is high concern on shifting towards new means of transportation as well as performing industrial activities in a more sustainable manner. Renewable energy sources come into play as a solution for exceeding levels of pollution and temperature levels of the atmosphere. It often provides energy in four main areas: electricity generation, air and water heating/cooling, transportation, and off-grid energy services with the use of natural resources wind, sunlight, rain, waterfalls, tides, biomass, waves and geothermal heat.

For example there has been new developments especially in transport sector, trains/trams run by electricity generated by solar panels, hybrid vehicles driven by electricity power, machines operate through power generated by windmills. Every country is now serving its community through renewable energy sources to meet the needs at competitive prices, serving mother nature at the best possible way.

The final question in every responsible citizen would be:

Will the actions are sufficient to end pollution or global warming at the pace of degradation of natural resources, compared to the rate of current shifting towards renewable energy?

With the rapid industrialization happening around us, we must take more remedial actions through education, training, awareness as well as investing more in technology to pave the way towards a sustainable future for many more years to come.

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