

Will Technology Be The Destruction Of The Earth?

In the modern era, technology continues to advance at alarming rates, which in most fields, is a positive advance. Expanding our knowledge and creating new solutions and possibilities for the human race provides us with more opportunity to grow and prosper. However, when left unchecked, can also instigate detrimental effects onto our environment. To ensure we can continue to prosper at our current rates, we must enforce various regulations to ensure that our environment is not damaged. There are many methods of reducing environmental impact towards the, some employed by the government, and some on the personal level by specific people.

Many of the impacts caused by technological advances originate from the high levels of emissions that are released by technologies such as vehicles, power plants, and even some large computers used by large corporations and facilities. In order to reduce the environmental impact of these technologies, the government implements various strategies and goals to reach in order to succeed. The Canadian government's main goal is to reach net zero emissions by 2050. While this is a daunting task, they have plans to achieve it. It will be approached gradually, by 2025, 40% of the emissions will be reduced, and later, by 2050, at the very least 90% of emissions will be omitted. One of their other commitments include assisting transportation. In terms of transportation, the government will encourage companies to utilize low-carbon forms of transportation. On-road fleets will all be converted into electrical (zero emission) or hybrid vehicles, so that we are able to reduce the high level of greenhouse gas emissions, aiding our environment. When constructing new buildings, they are planning to ensure that all federal buildings are also zero emission, and for pre-existing buildings that contribute high levels of

greenhouse gas emissions, they plan to put a cost based on how much they emit, motivating these companies to decrease their carbon footprint.

Now, many people wonder, what can I do to help? In response, there are many ways that exist that everyone can do to benefit the environment. For example, keeping personal tech devices for an extended period of time rather than replacing them with every new update, such as phones, tablets, laptops, computers, TVs, and more. Spending less time on devices is also another way to aid the environment, as well as the user. Following suit, lessening the amount of universal cloud storage used is another way to reduce the energy consumption of our devices. Listed above are only some minor ways we can help to reduce energy consumption to aid the environment, and with little research, anyone can find more, and anyone can help.

There are various programs in place by the United Nations to retain sustainability. For example, the Paris agreement, where 196 parties agreed on lowering their emissions so that greenhouse gases can be reduced, fighting global warming. This program and their various others are brought to life at summits, including the 2019 Sustainable Development Summit.

We can see that due to the high levels of care that must be taken in reducing emissions, we know that our emissions are currently unfavourable. We, as a race must learn about this, and all do our part so that we can protect our home while our technology is still able to flourish.

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