

## Why the future of Solar Energy is brighter than the sun?

### Creative writing task by Oliver H

I think that solar energy has a very bright future, and we should choose it because of the positive impacts it can have on the earth and especially in the growing concern of global warming and climate change. This is mainly because solar energy is a free energy source that never runs out and can always be harnessed globally.

The human race has always needed to adapt and progress and because fossil fuels (coal, oil, and gas) will eventually run out we will need an alternative for increasing energy demands. I think this is why so many scientists and environmentalists are working on and developing new ideas now, to maximise the amount of solar energy that can be produced. As the population increases and more countries are going to develop economically, they will need houses and larger cities which will require vast amounts of electricity and most of this will need to be provided by solar energy. I have heard that by 2030 3/5ths of new cars must be electric. This is a target set by the UK government in order to cut down the amount of carbon emissions produced. As a young person I am happy that the government has this target set in mind that they want to achieve, and I hope they set more in the future so we can eventually reduce our carbon emissions to 0%. Talking of electric cars, it is going to be people like Elon Musk that have the financial power to make positive impacts on the world using solar energy.

Solar energy has positive impacts socially such as creating jobs for people as more businesses are investing in solar energy for reasons now and in the future. This means, people will be needed for managing, engineering, and installing. Using solar energy will of course have a positive impact on people's health as well. Solar energy causes minimal pollution and without fossil fuels polluting the air and water this will increase people's health and hopefully increase their life expectancy.

Positive economic impacts of solar energy can benefit everyone as it is low cost, and a cheaper solution in the long term. In some countries the use of fossil fuels can be too environmentally damaging, and countries have to pay large amounts of money to help preserve the environment. However, if they use solar energy then the environment will not get polluted or damaged so money can be re invested instead into schools and hospitals to help the country develop. The adoption of solar technology by big companies and service providers lowers the cost of production. This translates to lower costs of goods and services, increasing affordability while maximizing profits. In addition, you can save more money if you choose solar energy because there is a significant decrease in the amount of money paid to the main grid power sources for the amount of power consumed. Producing your own power implies that you will utilize less from the utility provider. Also, installing a solar system on your home can increase the value of your home if you wish to sell it.



Although, these social and economic impacts are very important, I feel that the most important are the positive impacts environmentally. The first positive impact being reduced air pollution. Solar panels replace our energy reliance on power from the grid, which is normally produced by burning fossil fuels. Power generation from fossil fuels is highly polluting as it releases toxic carbon dioxide and methane into the air that we breathe in. This has a devastating impact on our health. Another positive impact is less water usage. Fresh, clean, and portable water is one of the most precious natural resources. We cannot live without it. However, there is not enough to meet all our needs. This means we have to use it wisely and carefully. Power generation using solar panels does not require water, thus reducing the pressure on the precious resource. The only water usage on a solar installation is for cleaning the solar panels, which is mostly done using rainwater. This means that water can be saved and used for more important needs. But overall, the main and biggest reason is that solar energy helps to slow down climate change and global warming. The greenhouse effect is a natural process in the environment. It helps in maintaining the earth's temperature in a comfortable range to sustain life. However, when it goes out of control, like what is happening now, it results in raising the earth's temperature. If we use more solar energy and burn fewer fossil fuels, then we can help many animals and habitats that are on edge of extinction survive. It can also help us humans as there will be less extreme weather such as drought and tsunamis which result in reduced amounts of food and millions of pounds of damage. This is why I believe we should choose solar energy now and in the future.

