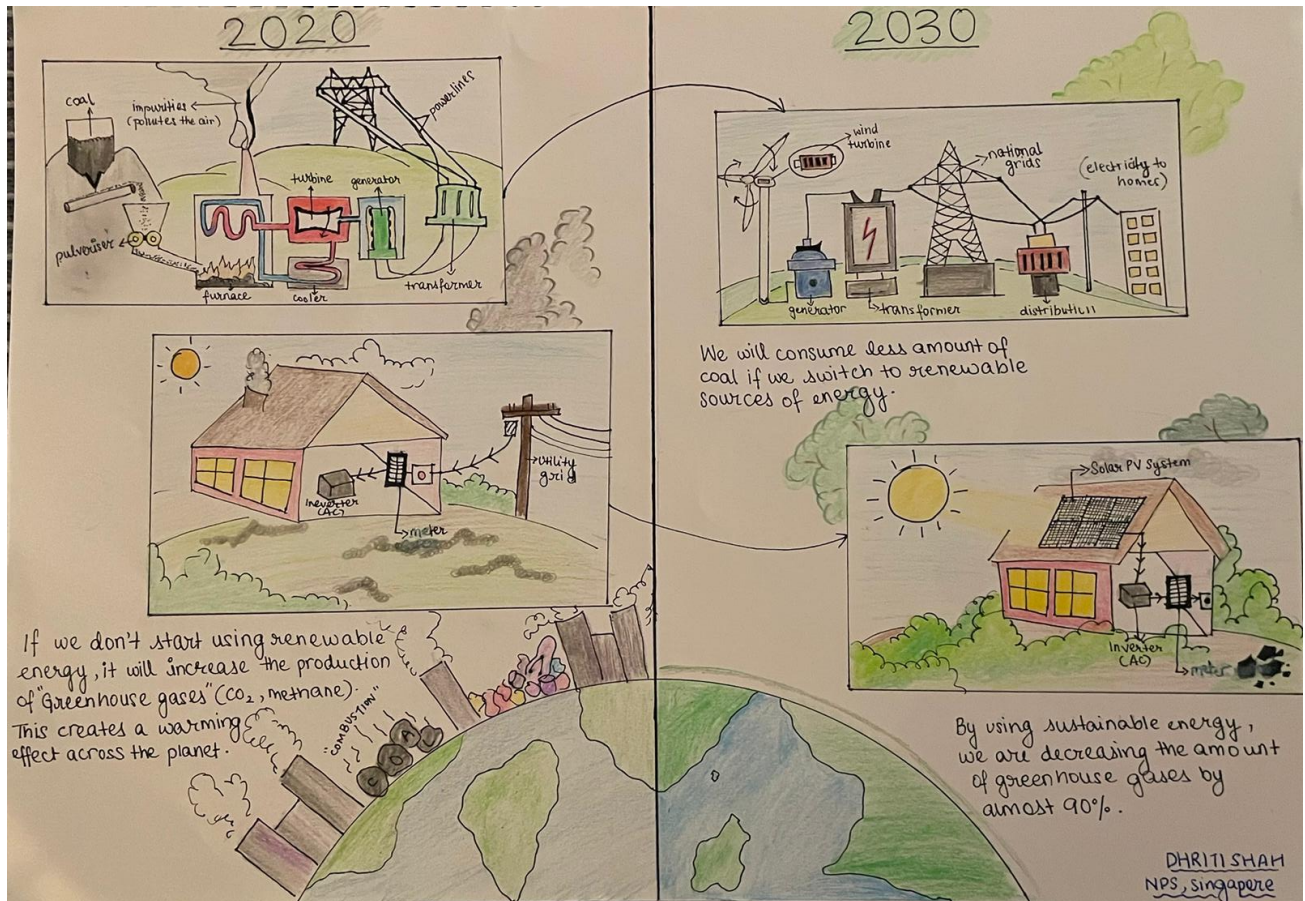


What would 2030 look like if we adopted sustainable energy solutions? What can you do or are you going to do to drive this change?



As greenhouse gas emissions continue to increase, global temperatures and unpredictability in weather have also increased. The rate and type of climate change has made it obvious that the world will face a series of disastrous consequences.

My drawing is about how we can change our sources of energy in our everyday life so that we can save our environment. It also shows how 2020 can be different by 2030 if renewable energy is used.

In my first picture the source of electricity is through coal, which is true today in many of the countries in the world. Coal is limited. When burnt to make fuels etc. it contains many dangerous chemicals which should not be inhaled and it adds to the heating effect of the planet. Whereas the picture opposite shows how coal

can be replaced by renewable sources of energy like wind energy. Instead of using coal wind energy can be used. This will save coal as well as it will not harm the environment. When the wind blows it turns the blades due to which the rotor moves and then the shaft spins the generator. The generator then produces electricity which can be used in the households.

The second picture is an alternative to reduce greenhouse gas emissions. It shows how instead of using thermal power based utility grids we can use solar energy. The solar energy is absorbed by the cells. Which is then converted to electrical energy and can be used in various machines.

If we don't start using renewable energy now it will be too late. It will increase the production of greenhouse gases like CO₂ and methane. This will also increase the rate of warming effect across the globe.