

PGC – Day 25 – Energy – Greenest – 2021

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ENERGY

CHALLENGE

First, go on a short walk around your neighborhood. Look around and take photos (or screenshots)! Are there empty spaces in which green energy could be implemented? Do you see any forms of green energy that already exist? Based on my investigation, due to mass construction, the only spaces left to make use of are the roofs, but it does not mean that there are no rooms for improvement! The municipality, if it gets enough funding from the government, can for example make traffic lights with the ability to use solar energy.

Then, do your research:

- What kinds of renewable energy systems exist in your area?

Because of the climate position of my city, wind and geothermal energy does not work, but we can take the most advantage of solar and biomass energy.

In terms of solar energy, some households spontaneously have installed solar panels and make use of it. Moreover, there are few private companies which have installed solar panel to provide the energy the company needs. One is founded by the daughter of Dr. Beski. Dr. Beski was an obstetrician environmental activist who was known as "Father of Iran's Nature". He was from the city I am living in, and recently his daughter started a project in suburban areas and one part of the project is installing solar panels.

Regarding biomass, since a lot of people in my city raise livestock, this idea can be implemented and the municipality can easily save and earn money while turning what is harmful to the earth into something useful.

- How can you improve them?

Since I am still a teenager, besides planting trees, I can share news about renewable energy specially to younger people in order to plant the idea that "we must use renewable energy and there is no other option on the table" in their mind. Furthermore, I can at least encourage my own family to turn to renewable energy, which I have already did it as they are now convinced to pay a bit more to install solar panels on the roof of the house we are going to build in the village but benefit from lifelong advantage of sun.

- What clean energy apparatuses might be feasible in your area?

As I told before, solar and biomass energy is the best fit for my community.

- What types can you see being installed in your neighborhood?

Based on the photos attached on the last page of this document, roofs are the best spaces ripe to install solar panels on.

- How can you imagine more green energy being used in your area?

More green energy, in my mind, is associated with more green spaces, I do not know why. Thus when I think of using renewable energy and sustainable lifestyle, to me, the consequences seem like: Greener Environment, Cleaner Nature, and Happier Humans!

Share your findings and thoughts with any friends and family. Write a summary and reflect on the reaction and thoughts of those you spoke with.

I talked about this issue with my parents and I proposed the idea of installing solar panels on the roof of the house we are building in village. Fortunately, I managed to convince them by informing them about the benefits of doing so, and they welcomed it and told me they would do so as soon as they earn a bit more money to set up the panels. It is as easy as this.

Post some of your photos and thoughts about renewable energy in your specific neighborhood on Instagram!

Link to my Instagram post:

[/https://www.instagram.com/p/CVfaZw0Mx24](https://www.instagram.com/p/CVfaZw0Mx24)



Caption:

This is my neighborhood.
Look how many roofs are there!
Why not take advantage of the roofs, right?

We can set up solar panels on the roof to cover a proportion of our daily energy consumption freely!

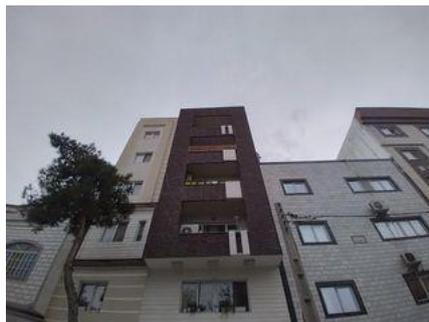
I know you will be like, why should I invest a lot of money on installing solar panels while I can have access to electricity at a very low cost?
The answer is, because you are just measuring the short-term consequences of the story.

Generally the electricity we use comes from burning fossil fuels, which

aboviusly leads to global warming, and the rest of the disasters come into being automatically, as they are already here.

Together Towards a Better World 🌍🙌

My photos:





Thank you!