

Global issues from medical and power generation perspectives - Towards the 17 goals

1. Motivation behind Research Paper

We thought that thinking about world problems from the perspective of medicine would lead to the achievement of the Sustainable Development Goals (SDGs) and a sustainable society. We also believed that the use of renewable energy and power generation could solve the world's problems. Thinking about global problems from a medical perspective will lead to a sustainable society. Contributing to this should be top priority.

2. Introduction

The aim of this research paper is to raise awareness for sustainable power generation in the medical field. I want the world to move forward with 100% renewable energy towards zero carbon dioxide emissions. I will accomplish this goal by giving presentations, which include visuals, to Kokusai High School students and Nara City residents.

The data collected for this study will include websites and expert papers from world institutions.

3. Results and Analysis

I interviewed in a working hospital area. In April 2001, the law concerning the disposal of medical equipment was changed, and sterilisation work became necessary for reuse. Since 2008, sterilisation work has become mandatory, and the amount of carbon dioxide emissions has decreased slightly. Even if medical equipment is reused, the frame will melt, so it cannot be said that the amount of carbon dioxide emissions due to disposal has decreased significantly. In order to think about whether it is possible to donate old but usable medical equipment to impoverished areas, and in order to solve the problem, I contacted a support activity organisation (UNICEF) that supports impoverished areas (Africa, etc.) and asked if they could use donated medical equipment. As a result, UNICEF's answer was that it was unrealistic due to transportation costs, lack of electricity in poor areas, and a lack of chemical development and financial problems. There are many types of renewable energy, such as solar power, solar updraft tower, geothermal power, ocean thermal power, hydropower, wave power, wind power, and biomass power. It depends on securing the place, the position of the power plant, the weather, and costs. The disadvantage is that the amount of power generated by solar and wind power fluctuates greatly depending on the weather, making it unstable, and the cost of generating power using renewable energy is still high.

4. Conclusion and Future Problems

Due to many problems in the world, environmental problems that have been thought about for a long time have become neglected, and even today, global warming continues to progress, and rising sea levels due to the melting of glaciers,

icebergs, and hailstones. In conclusion, the goal of my research paper was to raise people's awareness for sustainable power generation in the medical field. Therefore, it is important for us to take care of our health so that everyone can receive medical care equally through sustainable energy. Power generation can be covered by renewable energy alone. Electricity is generated without destroying the landscape of tourist spots (creating power generation facilities underground), or depopulated areas are used as power generation sites and power is distributed to each region and municipality. In the future, environmental problems will be solved and renewable energy will spread to a degree that is unimaginable today.

5. Reflection

This research has changed my life. Firstly, I learned how to dispose of large medical equipment, the problems faced by people in areas who are struggling financially, and the importance of renewable sources of energy. In this research, I also learned that many things are being done to solve world problems, such as the spread of electric vehicles and the reduction of carbon dioxide emissions through renewable energy, such as eco-friendly vehicles created by new technologies.

6. Work Cited

Asene Media. "Reasons for delay in spread of renewable energy in Japan and status of initiatives." 19 May. 2021. Web 15 Jun. 2022.

<https://earthene.com/media/50>

Ggoddo. "What are the advantages and disadvantages of renewable energy?" 16 Apr. 2020. Web 15 Jul. 2022.

https://gooddo.jp/magazine/clean_energy/renewable_energy/8651/

Ministry of Economy, Trade and Industry Ministry of Natural Resources and Energy.

“What is renewable energy?” Web.

https://www.enecho.meti.go.jp/category/saving_and_new/saiene/renewable/outline/index.html

Nittou energy. Happiness magazine. 2015. Web.

<https://www.nittoh-e.co.jp/special/hapimaga/?p=651>