

The role of renewable energy in mitigating global warming

Outline

I - Introduction

Thesis statement: Renewable energy is the beacon of light in this era ~~where~~ ^{in this age of rising global warming} global warming is prevalent. The transition of burning of fossil fuels, green house gases emissions with renewable energy can mitigate global warming.

II - ~~Importance of mitigating global warming~~ ^{is interlinked with use of global warming}

III - The role of renewable energy in mitigating global warming

- 1- Decarbonization of energy systems
- 2- Reduction of green house gases emissions by renewable energy

2.1 Solar energy in California, USA

3- Wind energy technology

3.1 Offshore wind farms in the UK

4- Hydro Energy technology

5- ~~Solar Energy~~ ^{enhanced role of solar energy}

6- Geo-thermal energy

7- Biomass energy

7.1 Biomass energy in rural India

IV - Ways to promote the usage of Renewable energy for global warming mitigation

- 1- Implimentation of policies and regulation for renewable energy
- 2- Finance Renewable energy
2-1 Green bonds in China
- 3- Public Awareness and Education
3-1 Public Awareness campaigns in Japan
- 4- Grid integration and Infrastructure
4-1 Smart grids in Korea
- 5- International Cooperation and Agreements
- 6- Energy storage and backup power

V - Conclusion

The Essay

"We must harness the power of renewable energy to create a better future for us. It is the only way we can ensure a sustainable and equitable future."

(Kofi Annan)

Global warming is one of the most pressing issue of our time, with far reaching destructive consequences for

the environment, human health and globally for economy. Human activities such as burning of fossil fuels, green house gases emissions, deforestation, industrial process and landfill emissions are deteriorating conditions. In the last 25 years,

the global temperature has raised to 1.5°C. Further increase may result in severe weather. To avoid these results,

renewable energy is ultimate weapon against this chaos. Renewable energy sources such as solar, wind, geothermal biomass and hydro energy can

Human mindless activities

with far reaching destructive consequences for

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there is spark rise in temperature

to stop or discourage this trend

save ~~our~~ planet ✓ from far reaching
consequences. ✓ The replacement of all
those sources, ✓ contributing to global
warming with ✓ renewable energy
can ✓ mitigate global warming.
~~This easy would delve into the
role of / renewable energy in
mitigating global warming and
potential ways for its promotion.~~

no need
of such self
commentary

kindly provide detailed feedbacks. only
ticked questions are not enough for improvement .