

EXPLORING RENEWABLE AND NON-RENEWABLE RESOURCES

BY : NAVJOT SINGH

INTRODUCTION

Both renewable and non-renewable energy sources must be used to meet the world's energy needs. As the demand for sustainable and clean energy increases, it is essential to comprehend the characteristics, advantages, and limitations of both sources of energy in order to plan and make decisions about energy effectively. This article provides a thorough analysis of various energy sources, highlighting their significance, availability, impact on the environment, and possibilities for the future..

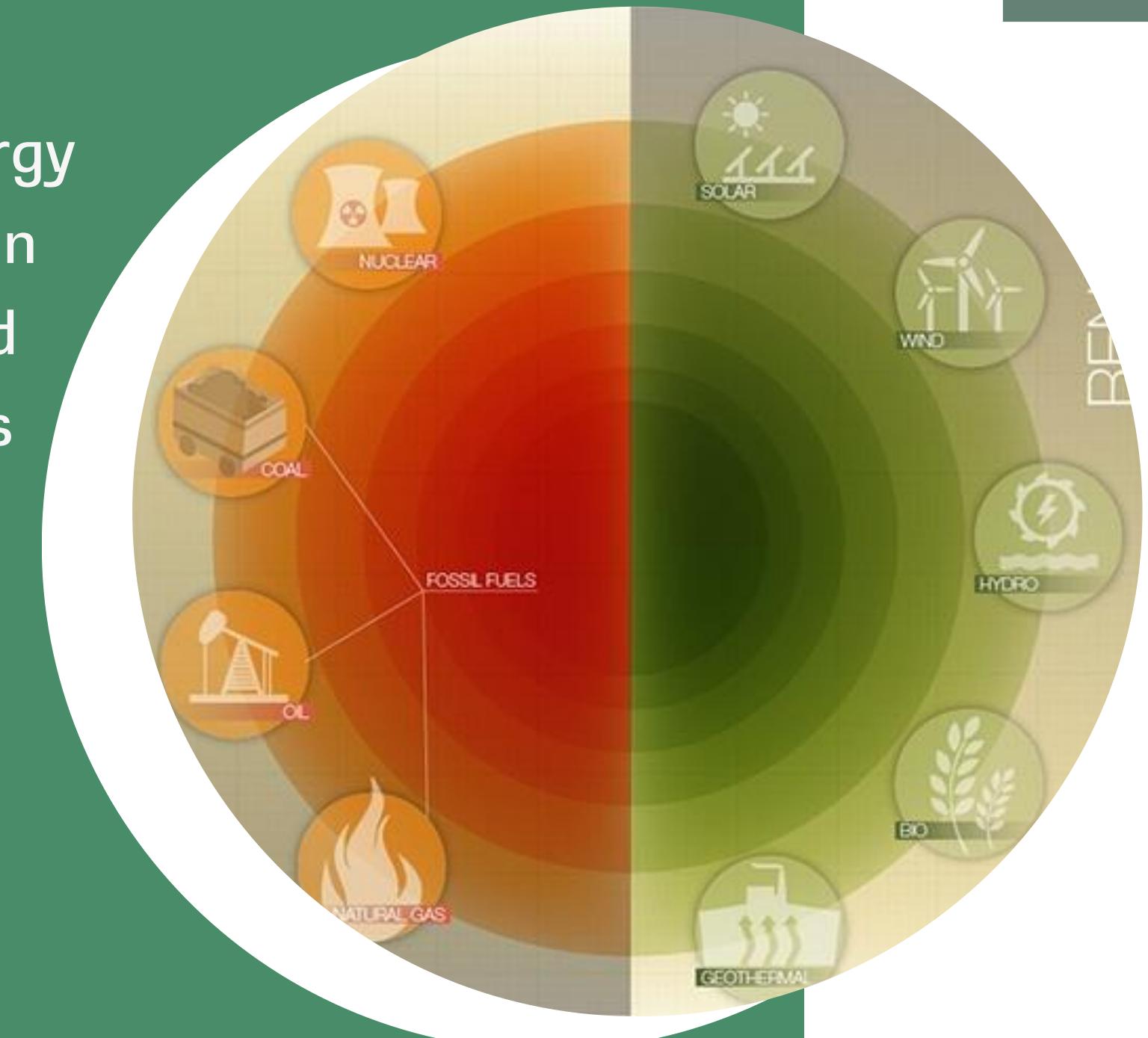


TABLE OF CONTENT

- Renewable and non renewable
- Advantages and Disadvantages
- Examples
- Role of individual and society
- Importance
- Future trend
- Demand for action



RENEWABLE RESOURCES

- Continuously replenished like sunlight, wind, and water.
- Fight against climate change
- Provide endless sources of clean energy.



NON-RENEWABLE RESOURCES

- Finite and can't be replenished
- Like coal, oil, and natural gas.
- Gave us the vitality we required to run our contemporary lives.



ADVANTAGES OF RENEWABLE RESOURCES

CLEAN



Abundant



sustainable



Advantage of non-renewable resources

- Proven technology
- reliable supply chain,

Disadvantages of renewable resources

- High initial costs
- Challenges with transitioning





Disadvantages of non-renewable resources

- Heavy reliance on fossil fuels
- Negative emissions
- Limited sources

Examples of Renewable Resources

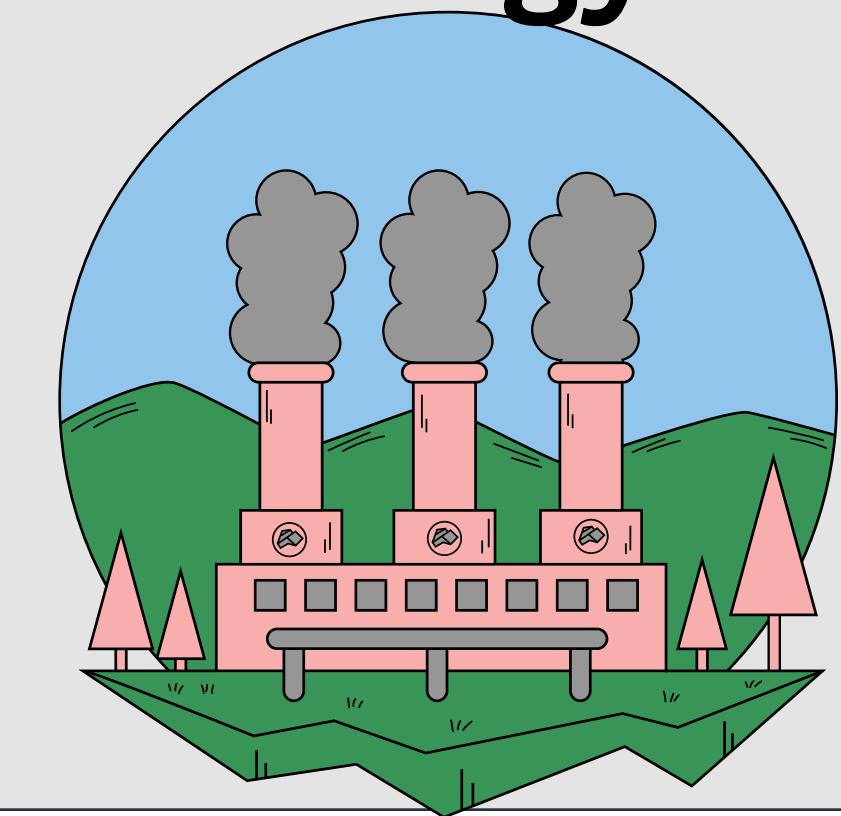
Solar Energy



Hydropower



Geothermal Energy



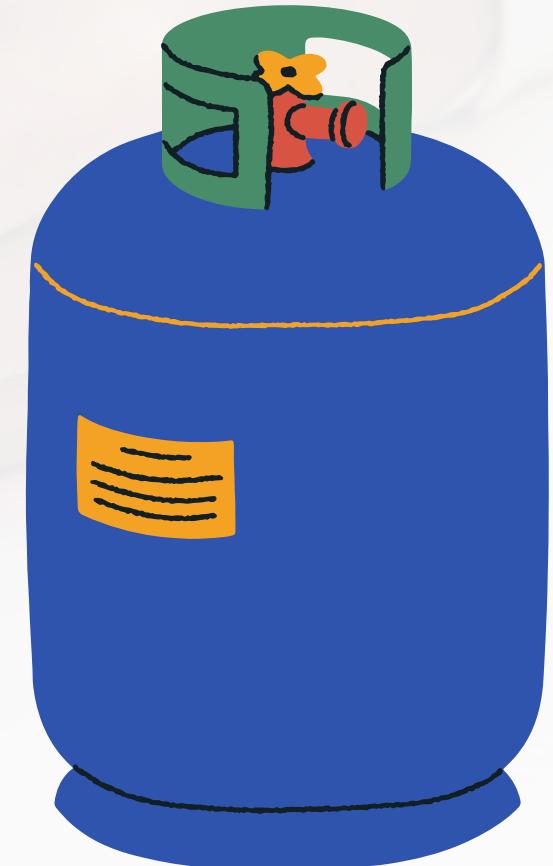
EXAMPLES OF NON-RENEWABLE RESOURCES



COAL



OIL



NATURAL GAS

The Role of Individuals and Society in Promoting Renewable Energy

1. Energy Efficiency

By developing energy-efficient behaviors, such as using LED light bulbs and installing smart thermostats, people can reduce their reliance on energy.

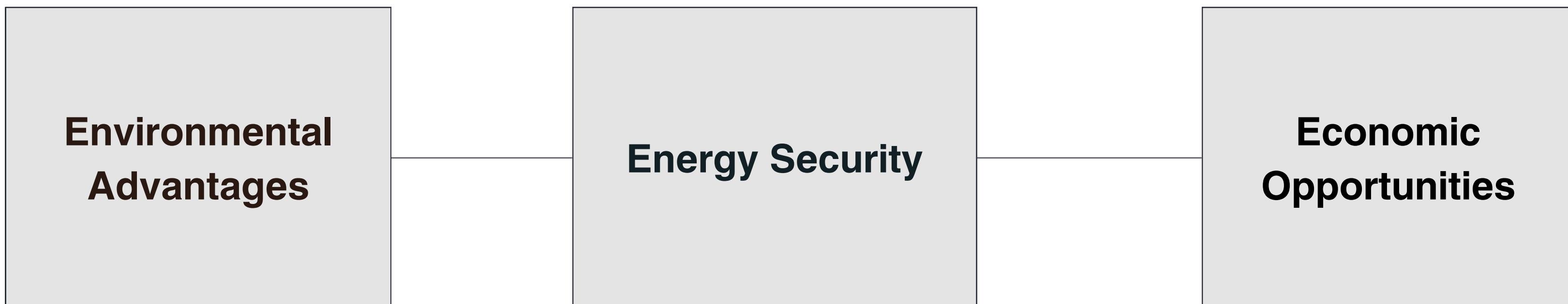
2. Policy Reform

The public can advocate for policy modifications that will make the switch to renewable energy sources simpler and more affordable.

3. Financial support

People and society can contribute to renewable energy projects and businesses that are working to develop affordable and sustainable energy alternatives.

Importance of Transitioning to Renewables



THE FUTURE OF ENERGY: TRENDS AND OPPORTUNITIES

- Energy storage options and emerging technologies
- Smart grids and digitalization's place in energy management
- Community-based projects and decentralized energy systems
- Prospects for investment and growth in the field of renewable energy



DEMAND FOR ACTION

Act right away

- Assist regional environmental activities
- Make investments in firms
- Promote legislative change

CONCLUSION

Energy's future is in our control. Together, let's create a future that is powered by renewable energy that is cleaner, more sustainable, and more efficient.





THANK YOU