

Green Technologies

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Abstract: The value of green technologies lies in the fact that they are environmentally friendly technologies developed and used in such a way as not to violate the environment and preserve natural resources. Some people call green technologies green technologies and clean technologies. Currently, this area is expected to bring innovative changes to everyday life, similar to the scale of information technology. Green technologies are built on four pillars in different sectors. The Government is taking steps to promote green technologies.

1 INTRODUCTION

The government has introduced many tax incentives that allow electricity to be produced from renewable sources. Exemption from import duty and sales tax for solar systems, exemption from sales tax when buying solar thermal systems from local manufacturers. The Ministry of Energy also held an annual national month to raise awareness about renewable energy sources and promote environmentally friendly technologies. The goals of green technologies are as follows: Meeting the needs of society in such a way as not to damage or deplete the natural resources of the earth is the main goal of green technologies. The idea is to meet current needs without any compromises. The emphasis is shifting to creating products that can be completely recycled or reused. By changing production and consumption patterns, measures are being taken to reduce waste and pollution, which is one of the important goals of green technologies. It is important to develop alternative technologies to prevent further damage to health, as well as the advantages and disadvantages of green technologies (Egorova, 2013). Green technologies, environmentally friendly technologies, are developed and used in such a way as to protect the environment and preserve natural resources. As part of the renewable energy industry movement for green technologies, the importance of green technologies cannot be ignored. We have come to a point where we need to stop and think about the growing importance of "green" technologies and why they will matter to humanity. Given the numerous reasons for the importance of "green" technologies, volumes could

be written and told on this topic. Whether it's the growing importance of green technologies in industry or at home, it's clear that everything needs to be done quickly. You don't need to be a rocket scientist to say that humanity should do something for a clean environment and energy savings. Environmental friendliness can only help us get out of the current difficult situation. Before the situation changes for the worse, we need to realize the importance of "green" technologies in solving this problem (Egorova, 2013; Ralph, 2011).

2 MATERIALS AND METHODS

The ecological component of all human activity has an impact on the environment. On the other hand, the relative state of the environment will determine and contribute to the nature and scope of activities in the other main areas of this plan: economic, cultural and social. Earlier in this plan, we considered some of the major global environmental problems: climate change, depleting non-renewable resources, loss of natural habitat, loss of biodiversity, ocean acidification; and increased pressure on the population. It is obvious that all these issues have an economic, social and cultural component (Egorova, 2015; Porfiriev, 2010)

The Social Equity component will help social institutions and residents to raise awareness of social needs and involve citizens and community partners in planning and taking measures in response to these needs. The end result will be an improvement in the well-being of the whole society. Together we will

create social capital in the community between individuals and groups to ensure joint activities on projects of common interest. At the same time, we emphasize the importance of individual and collective well-being and security, including full access to effective medical care, housing, food and educational services - these are important elements for full participation in cultural, environmental and economic activities.

The economic component is aimed at attracting new businesses and people to India. This is crucial for the growth and sustainability of the city and helps us create a strong and dynamic local community. Attracting talented people to India's public, private and non-profit sector is key to achieving this goal (Nikoláeva, 2018) Existing enterprises and the jobs they create are important components of a strong and sustainable economy. Together we can succeed and become what matters.

Energy Harvesting An important foundation of green technologies is energy harvesting, which seeks new innovative ways to extract useful energy from useless by-products and develops new technologies to maximize energy use. Energy efficiency has proven its profitability in achieving savings by minimizing the amount of energy used (Ralph, 2011).

There are many goals of green technologies. Meeting the needs of society in a way that does not damage or deplete natural resources on earth is the main goal of green technologies. The idea is to meet current needs without making any compromises. You have come to the right place to learn all about the goals of green technologies (*Recent Research in Science and Technology*, 2014; Antulet, 2019). The emphasis is shifting to the production of products that can be completely recycled or reused. By changing production and consumption patterns, steps are being taken to reduce waste and environmental pollution, which is one of the important goals of green technologies. It is extremely important to develop alternative technologies to prevent further damage to health and the environment.

Accelerating their implementation can benefit our environment and really protect the planet. Explore the goals of green technologies by implementing a sustainable lifestyle, developing renewable energy sources and reducing waste. The emphasis on "green technologies" is the right approach to solving environmental problems and economic growth (Leogrande, 2019; Leogrande, 2022). This is also in line with the agenda of Governments around the world, which are currently prioritizing environmental issues, in particular the phenomenon of climate change. We, the people of the whole world, must bear

the responsibility to jointly play our part in making the world a better place to live (Egorova, 2015; Costantiello, 2021).

3 RESULTS AND DISCUSSION

When using green technologies, the greatest benefit is to improve the quality of life by ensuring a more sustainable quality of the environment. Air pollution, water pollution, noise, etc. will affect the quality of life if the problem persists. When using "green" technologies, the negative impact on the environment is minimal. Green technologies also have great potential in stimulating the development of the country. Industries that use or develop environmentally friendly technologies can provide employment opportunities for the local population (Porfiriev, 2010).

The program is conducted to raise public awareness. In addition, the Ministry of Energy annually holds a national month to raise awareness about renewable energy sources and promote energy efficiency methods in the public and private sectors. Energy Month events include lectures on energy efficiency, the publication of household energy efficiency guidelines, and the publication of a number of articles in newspapers and mass media promoting energy efficiency (Fukuda, 2020).

In the future, the Ministry will conduct a campaign on the use of environmentally friendly technologies with relevant stakeholders, including the public and the Ministry/State Department, NGOs and other reputable institutions, to educate and raise awareness of all parties about the importance of environmentally friendly technologies in our lives. . This is done so that the programs to be implemented by the Government to promote and develop local green technologies can be effectively implemented and evaluated by all segments of society (Nikoláeva, 2018; Porfiriev, 2010).

Advantages of green technologies 1. Does not emit anything harmful into the air 2. Can bring economic benefits in certain areas. 3. Requires less maintenance, so you don't need to spend a lot of money to operate it. 4. Renewable energy sources, which means that they will never run out. 5. Can slow down the effects of global warming by reducing CO2 emissions. Disadvantages of the introduction of "green" technologies • High cost of implementation. • Lack of information. • No known alternative chemicals or raw materials; • Lack of known alternative technological processes; • Uncertainty

about the impact on productivity. Lack of human resources and skills (Wang, 2021).

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4 CONCLUSIONS

Using green technologies, we help maintain a green environment and our well-being by reducing costs, reducing waste and saving energy. Green technologies are not only green processing, but also the mechanisms used in computers. Green technologies are relevant in discussions about global warming. Currently, all companies are guided by the concept of "green" IT. Green technologies lead to significant energy savings, reduction of CO₂ and CFC production, which leads to environmental protection. The green economy has the hidden potential to ensure sustainable development and eradicate poverty on an extraordinary scale.

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