

# Environmental and Renewable Technologies - Sustainable and Green Technologies

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**Abstract:** *Green tech is an umbrella term that encapsulates any technology that is created to be environmentally friendly from its production line all the way to its usage. It is a continuously evolving form of technology which aims to be less taxing to the natural resources as humans are consuming the resources faster than it can be replenished. The major goal of green technology is to help control climate change, protect the natural environment, reduce our dependence on Non-Renewable resources such as fossil fuel, and heal the damage done to the environment. Few sectors that are actively investing in this technology are Transportation, Energy, Waste Management Sectors. While there are many advantages of using this technology, it needs to cross some hurdles before it can become a new normal. Over the years' green technology has become one of the employment sectors with the fastest growth. Day after day it is getting more obvious that we need to invest more in green solutions for the survival of mankind and the necessity of green tech lies in reducing the risks posed to the environment and in conserving natural resources. As discussed in this paper, even if we have now emerging technologies for reducing emissions are available for implementation, including wind power, improved solar cells, and electric vehicles, we still need to deal with the issue of technology transfer as the developing countries produce majority of the world's pollution, particularly CO<sub>2</sub> and other greenhouse gases due to the careless environmental policy implemented*

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