

Project management context

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Introduction

Every team and project need to be organized in order to work prominently. Managing a project can help to execute a work and track it in an organized way. Project management can help a team to work specifically in a categorized way to achieve a specific goal within the deadline. Project management tools help to share the progress report and give the feedback in a more collective way. This can also help to centralize file details, plans of the ongoing project and synchronize the multi-functional work. In several parts of the globe, project management offices have been raised in order to help different organizations in their work. *In this study a detailed report will be presented on the benefits, different criteria and effect of project management on Clean energy projects.*

Discussion

Effects of portfolio management on Clean Energy

The main perception of Clean energy projects is to reduce the use of carbon and enhance the use of green energy in daily life. It generally can be a renewable form of energy that ensures less emission or no emission of carbon in the air. Tidal energy, biogas energy, hydro energy, wind energy, solar energy all can be the part of clean energy (Jabeen *et al.* 2021). *Managing the portfolio in any project can give the project managers the ability to reach the team members and easy access to the ongoing project.* Similarly, in a clean energy management project, it can be helpful to understand the possibilities, decision making and more efficient supply of energy. Portfolio management in any project can help the organization by ensuring the efficient return from it. It will also brush up the awareness of the general public by creating a sense of importance and by decreasing the organizational risk. *Portfolio management will also help in regular monitoring of the resources, analysing the risk factors and daily communication with the investors in order to maintain smooth going of the project.*

Benefits of the project

¹ Renewable energy is the new source of energy in the near future that can replace the current status of energy empowerment. The clean energy resources or the renewable energy can help in fuel diversification and power supplies (Rodriguez *et al.* 2018). *In any nation it can be helpful for the conservation of natural resources that in turn help in the financial growth of that nation.* In order to reduce the harmful effects on the environment, clean energy resources

can be the answer to the global problem. Clean energy can reduce the production of greenhouse gases in the environment that has an unwholesome effect on health and nature. Clear energy sources or renewable sources of energy have a clear effect on the economy (Afonso *et al.*2017). It amplifies the energy security by lowering the probability of fuel spills and also reduces the needs to import the fuel. Not only by reducing the cost but clear energy projects but also help the economy of a nation by providing several jobs to the people. ***According to the reports of the International Renewable Energy Agency (IRENA), the clear energy projects employed as many as 10 million people in the last two years (Dhabi,2020).*** As well as the economic development, it also helps in the price stabilization as the implementation cost or transportation cost is less and also no implementation for fuel cost. ***One of the most striking features of the clear energy is that it will never run out of availability.*** This technology basically runs on the sources that are present in nature and less chances are there for the resources to run out. The maintenance cost for these kinds of energy is exceptionally low. This energy literally does not rely on the combustion sources of fuel to operate it and it solely relies on sunlight or wind or hydropower for operation. Clean energy can have a long-term benefit in saving money as the operation cost and maintenance cost are extremely low. No need to pay for refuel as it operated with help of the energies that are present in the environment or through natural processes. The clean energy sources can act as a protection shield for nature as it lowers the carbon footprint that is harmful not only for nature but also for the living beings. Clean energy can make humans more self-dependent as in case of solar energy, humans can make their own electricity from the grid. It will lower the expense of buying or paying for electricity. These sources of energy are beneficial not only for individuals but for the community, as it has a positive effect on the public health also (Howie,2020). Inhalation of pure and fresh air can improve the public health and lower the risks of different life-threatening diseases.

Criteria of selection of the project

The developed and developing countries are on the edge of global warming. Population of these countries, unnecessary usage of modern amenities all can be the cause of global pollution. In that case usage of clean energy sources can give them a relief from the consequences of global warming. Nations such as the UK, USA, India, China should start the implementation of clean energy projects. For the sustainable development of the nation, clean energy sources are taken by the nations. In UK, the electricity is mainly provided by scorching of 43% of fossil fuel, the is dangerous for the environment.in case of India, 80% of the electricity is provided by burning up of fossil fuel. Adopting the clean energy resources will be beneficial for these nations. It

will help in maintaining the economy as these are the fastest growing nations in the context of population also. With the increasing climatic and environmental issues and in order to maintain the pressure of intercontinental energy supply, different countries vigorously develop the clean energy sources and implementing it. *In order to maintain the economic context different regions have chosen renewable energy on the basis of their need and based on their environmental condition.* As different regions have different needs on the basis of the economical and geographical contexture, the need for the energy resources is also different from region to region.

Conclusion

There is always an outweigh of positivity in the uses of Clean energy resources. It can be a milestone for the future generation as the demand is increasing with time. The use of clean or renewable sources of energy can promote healthier and cleaner environments in future. It is also clear from the above discussion that lower carbon energy transition can help in maintaining a good public health and a safe environment in near future. Sustainable transition of energy can also help in the safeguard of natural resources and social disparities. Climate change being the reason for global problems, responsibilities are there on the hand of the people to maintain good health and make the earth safe for life. That can only be possible by adopting clean energies.

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