

Fossil Fuel Use and Environmental Sustainability

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Fossil Fuels and the Sustainability Challenge

The current world we are living in is a dynamic world; technology has brought about various changes here and there. Therefore resulting in absolutes, new experiences from the impacts resulted from the developed measures introduced now and then. With this significant contribution of technology impact, various unsustainable products have contributed heavily to the environment whereby the animals, plants and human beings have experienced the effect created. There have been absolute climatic and environmental changes as a result brought by the use of sustainable products.

In this paper, I will focus on the use of fuel and fossils as the means of sustainable products heavily used for the past century. Fuel and fossils have played significant roles in the modern world from past decades up to now. With this, a lot of carbon emissions have been exposed to the environment^[1]. These emissions have, therefore, led to considerable degradation of the environment. Hence, new methods need to be implemented to assisting making the world a better place to live in without the existing health hazards experienced.

Transportation Emissions and Environmental Pollution

To start with, carbon emission is significantly produced heavily on the motor industry since the number of vehicles is rising every day. Since the industrial revolution days, fossil fuel burning has played a significant role in enhancing the greenhouse effects, which caused the earth's temperature to rise to almost 1°C. Therefore, this causes the global warming that is being experienced today. The burning of fossil fuels is the most crucial source of the emissions that increase the earth's temperature. Different places around the world have recorded the rise of melting ice sheets, glaciers, and permafrost, which is a primary cause of the increase in sea levels.

The increase in the number of motor cars, which are heavily dependent on fuel use, therefore contributes to a high percentage of exposure the poisonous gas in the environment. This has transpired the overall effect on the ozone layer which is the result; the ozone layer is no longer able to play its role in filtering the sun rays. This directly impacts changes in climatic conditions whereby some places are becoming so hot that others are experiencing massive flooding. Thus, just to be specific on the role of motor cars in the degradation of both the climatic and the environmental

conditions. Therefore, no fossil fuel is the fundamental environmental degrader in the current world.

Global Warming and Climate Disruption

Furthermore, the burning of fossil fuels has also contributed to global warming, which has led to changing the weather patterns in various places. These changes have, therefore, affected both human society and nature and seem to continually increase with worse effects in cases the gas emissions continue to be released.

The rise of gas release, therefore, is damaging the climate as well as the physical environment. Indeed, the most visible global warming effects can be recorded in permafrost, the Arctic, as glaciers and sea ice rapidly melt. Releases of these gases are thus endangering the entire environment in various forms that comprise sea level rise, desertification, tornados and stronger hurricanes, and intensified melting of both ice and snow. These changes bring up instability conditions in the world's climate, thus changing the healthy living conditions for living creatures and plants^[2].

However, the abnormally high levels of the accumulating gases encourage them to accumulate in the air, and hence, more temperature gets stuck, which then leads to the overall experience enhancement effects. The burning of fossil fuel triggered emissions, thus causing a significant increase in the environment condition levels whereby the levels are rising throughout the world temperatures and resulting in global warming. Without these gases' natural processes, the earth's surface would be very hospitable for both humans and other creatures for their existence^[3].

Scientific Evidence and Transition to Cleaner Transportation

Ideally, science has proven the so-called environment changes as a result of Sustainability products, fossil fuel being one of the key aspects, throughout the process of fuel burning to release the gases. The process involves fuel as a means of power products to help drive the engines. By burning all the rich materials in the fuel the remains and other extracts are released to the environment as exhaust gases. By this role, the gases released are not environment-friendly, and they, however, add the rate of carbon mixture in the air, hence risking the environment system that is heavily relied on by animals, plants and human beings life.

Naturally, the ratio mix of the air is adequately supportive to both the living beings and animals in the world, but with the added contribution, some effects are experienced whereby insufficient ratio and poisonous gases are highly putting the living at significant health risk to survive with the running motor industry that runs the fuel burning. The more the exposures of these gases, the more chance the environment is undergoing since even the vegetation is profoundly affected due to the changing climatic conditions, hence reducing the average and beautiful, magnificent outlook of the

environment. Therefore, the overall climate is becoming less supportive of plants, animals and human beings life. With this, great measures are therefore necessary to implement as soon as possible to help save the current and, more so, the future generation. By observing the essential means, this is the need to be subjective by the respective parties, e.g., government and other non-governmental organizations, to lay down accurate measures. By being keen on the fossil fuel industry, thus something crucial has to be done in time to help produce the significant impact of the environmental degradation. Therefore, new techniques and systematic technology that is better for fuel burning have to be enhanced in due effect.

First of all, the motor industry has to embrace the hybrid system. With this, the industry will conveniently manufacture all the vehicles driven by the electric power system, hence reducing the rate of carbon emission as experienced today. In efforts to achieve this, the various car models will be most recommendable and highly appreciated by a respective institution that governs the control of carbon emissions to the environment^[4]. All the stakeholders must work day and night to achieve this goal to enhance changes that will save a generation and not just one, but a sequence of them due to adaptable and habitable environments.

Emission Controls, Renewable Alternatives, and Conclusion

Nevertheless, before then, in case of any discomfort to implementing this, the manufacturers should also adopt some modifications to the catalytic converter system so as to reduce the rate of carbon released on the exhaust. The restriction and converting the poisonous gas into a consumable production of the environment will, therefore, reduce the rate of toxic emission. Thereby saving the environment and the entire life process.

By strategizing and being objective on the use of hybrid cars shortly, these activities will guarantee adequate safeguarding of the environment and thus reduce the effect of degrading it. By focusing on the fuel burning rate, therefore there is a sufficient need for respective farms to adopt and embrace the low or lower use of fossil fuels, which are the primary producers of carbon emissions that risk the environmental system. Hence more implementation of the motor car industry to sufficiently produce more cars which are environmentally friendly. By reducing these emissions, the lifespan for both animals and human beings might shift to a higher level and also reduce health hazards as experienced in the current world.

Additionally, the use of hybrid cars is efficient since the electric component might be compatible with almost every other electric vehicle since the electrical standard works the same under the standard unit. Performance and efficiency are aspects that are achievable by encouraging the use of hybrid motor cars, hence the rise in demand to the current situation. By this, hybrid vehicles are known for kicking leisurely, doing the acceleration at a point whereby the same type but a gasoline engine is usually weak. Therefore giving a better admiration for the services found in an electric motor car. The

electric vehicle is designed to be cheap and easy to operate. This makes it more user-friendly regarding operation environment-friendly.

In conclusion, regulation of the use of fossil fuel, since it is a sustainable product, will help to develop and naturalize the environment. Initiating several measures in the motor car industry will assist in reducing the rate of carbon emissions as experienced in the current world. This will reduce the entire experience of global warming that has resulted from the burning of fossil fuels, which leads to pathetic global warming. The health hazards from the rise of temperature and other similar conditions resulting from global warming will drastically reduce by embracing the reduction of the carbon released into the environment. Hence more habitable and accommodative atmosphere for the animals, plants and human beings' life process. Therefore, the motor industry should profoundly embrace the use of electric engines to evaluate the current disaster resulting from the billions of gallons burnt as a result of global warming. Great Tomorrow will be archived from effective measures as implemented by respective stakeholders to eliminate the heavy use of Fossil fuels, which, as a result, leads to releases of poisonous gas in the environment and thus the need for change shifting to electric car engines.

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