**Transportation and Climate Change**

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Transportation is one of the critical elements that contribute to people’s access and mobility to specific locations. While this is critical, evidence shows that transportation highly affects climate change which is a cause of concern. The following are the roles of transportation in climate change: Transportation, primarily by using cars and sport utility vehicles, contributes to high emissions of toxic gases into the atmosphere, which is detrimental to climate change because they cause global warming. Transportation is also responsible for the carbon monoxide released into the air, contributing to greenhouse gases that lead to global warming. Transportation also is responsible for environmental pollution, which eventually leads to climate change because the pollutants change some aspects of the environment. These are some of the adverse effects of transportation on climate change, raising the need to adopt a more sustainable transportation system.

Based on interviews watched, it is evident that they have positively impacted California’s Carbon emission in the following ways: By encouraging people to use alternative means of transport such as walking, riding a bicycle, or taking transit, they have significantly cut on the carbon emission. The move to encourage people to reduce the emissions from personal vehicles, since the majority have started adopting new ways to cut fuel use on the roads, has significantly reduced greenhouse gas emissions. Brazil, for instance, in volunteering and encouraging people to use various means of commuting like biking or even walking, he cut carbon emissions significantly. The move has reduced the number of vehicles causing air pollution, which has created sustainable transportation that still addresses the needs of the people without affecting the environment. Therefore, in ensuring that people use sustainable transportation, the overall carbon dioxide released from vehicles that use oil has significantly reduced, leading to a better, safer, and sustainable transport system.

Career choice is critical in determining people’s later lives. Based on the interviews watched, I would encourage a friend or relative to choose planning because poor planning may negatively impact the environment and climate, for that matter. Even though planning may take time, as Brazil mentioned, the results ensure a sustainable environment. The previous planners planned based on population increase and traffic due to the increased number of vehicles. Yet, they failed to project their plans on a sustainable environment which has caused high carbon emission rates. Therefore, choosing planning as a career is essential because the individual who is mindful of the environment will ensure that there are lanes to accommodate those walking or riding bicycles for their safety—not to get entangled with those in personal cars. The planners also will ensure that those who chose buses find them conveniently without waiting for many hours to catch their buses to work. Even though all the interviewees I watched said that having the desire, volunteering, and willingness to work in the transportation sector to create sustainability was essential, choosing to be a planner would be great.

In conclusion, transportation is a sensitive sector that affects climate change. The various emissions into the air lead to global warming, thus creating the need to adopt a sustainable transportation system. One of the ways to ensure sustainability is encouraging alternative transportation. These include commuting using buses instead of personal cars, riding bicycles, or even walking to work; these methods save the environment and ensure people have good health.

**References**

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