

Environmental sustainability

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Environmental Sustainability Challenges in Transport Industry

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Sustainability is a critical concept across different industries that present a specific understanding of specific factors that can help transform operations and build a robust performance platform. Environmental sustainability has been a significant challenge, especially when assessing green initiatives implemented in different industries to create a sustainable operational context (Lee et al., 2019). The transport and logistics have been mainly faced with varied challenges that limit environmental sustainability and integration of different approaches that help build a more diverse and clear structure.

According to the Environmental Protection Agency (EPA), air pollution is caused by the current mode of transportation. The transport and logistics industry forms a crucial part of organizational operations, especially concerning raw materials and goods. It is crucial to help develop better strategies to improve the level of commitment to environmental protection while building a robust platform. Motor vehicle companies have focused on energy-efficient engines, which have been primarily preferred considering the current high level of sustainability and focus on offering differentiated products that embrace change and allow for adequate consideration of positive performance measures (Lee et al., 2019).

However, despite the efforts that companies are making to embrace environmental sustainability approaches, there is also a more outstanding commitment to maintaining a favorable competitive advantage and allowing for critical integration and implementation of better processes that help define change and a more substantial operational context. There has been a more significant consideration of specific elements that define sustainability across different contexts.

Over the years, the transport industry has been mostly dependent on oil products, which negatively influences the environment. Thus, the overall consideration of critical

approaches that shape change and adoption of better processes improves transport sustainability and improves efficacy in defining competitive advantage. Companies heavily rely on road transport as a crucial part of their supply chain management. Developing a well-defined design in this context focuses on implementing a robust platform to help attain improved outcomes (Gupta et al., 2018).

According to Kumar Dadsena et al. (2019), the sustainability processes in this case, however, have been limited and create a problematic situation within which it is possible to attain improved performance. The transport industry has mainly emphasized the economics of congestion externalities. However, solving these challenges within the industry is easy, considering extending the infrastructure or ensuring that there is the successful management of the available infrastructure. However, it is vital to help in creating a more decisive context for improved change.

The environmental effects of the transport focus on the same issues within the sustainability and management of resources. The effective use of vehicles powered by fuel generates adverse side effects to the entire economy, considering the vital link that the transport industry plays in both business and underlying individual needs. The increased vehicle use has a detrimental influence on the environment, making it highly unsustainable in the long run. The environmental damage caused by the transport industry can be effectively controlled through the use of filter technology. However, filter technology does not effectively limit harmful emissions.

To help transform the transport industry and build a highly sustainable context, it is essential to help create a unique context within which it is possible to define improved outcomes. Green transportation is an essential strategy adopted in the transport industry to

maintain a more robust platform for improved change and development levels. However, it has been significantly difficult to effectively identify the underlying principles that define transportation while emphasizing green strategy (Kumar & Anbanandam, 2019).

The green supply chain management practices have effectively reduced the negative impacts of supply chain processes within an organizational context. These utilized practices focus on building a robust platform that helps embrace change and interaction of crucial processes that focus on environmental sustainability. Consumers have been mainly showing high interest in firms that focus on using environmentally friendly strategies to control harmful emissions. Thus companies have considered integrating green transportation approaches in their logistic activities (Evangelista et al., 2018). Transportation has primarily been associated with a high global warming level, emission of harmful gases, and health haphazard.

The adoption of fundamental changes that help understand different approaches to maintaining a robust platform where there is a difference in the level of consideration for successful management of these gases. consumers has played a robust platform that has focused on creating a strong performance. Thus, it is vital to develop specific approaches to help understand the integration of different green strategies.

Globally, the demand for green transportation has increased rapidly, although it is difficult to understand and implement processes that allow for integrating new successful approaches that build change and development. Green transportation is a significant development that has helped understand different strategies that allow for the adoption of new strategies. However, green transportation cannot be employed across all settings, which helps

maintain a promising and sustainable approach and integrates specific guidelines that promote change within the industry (Sayyadi and Awasthi, 2020).

The ability to build a stronger context in assessing the sustainability of strategies that shape change and effective consideration of underlying processes that define improved outcomes. On numerous occasions, companies are non-compliant on strict laws that govern their operations, leading to fines and punishment from stakeholders involved. One of the famous noncompliance cases involves Volkswagen and emissions compliance, as identified under the ²Clean Air Act of the Environmental protection agency (EPA). The act requires that companies regulate their emissions, which endanger public health and wellbeing. The automobile industry was significantly targeted, especially considering that the Environmental protection Agency (EPA) developed specific provisions that sought to reduce the diesel emissions onto the surface. Volkswagen was one of the automobile companies that integrated the enviable emission reduction strategy that became its primary selling point.

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