

Adoption of Electric Vehicles for Logistic Service Providers in Indonesia

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Abstract

Current logistics and transportation systems include heterogeneous fleets consisting of common internal combustion engine vehicles. Transportation is an important role in conducting trade business where there is a process of inbound and outbound logistics to distribute goods or services to the consumer. The transportation problem includes the convenience of getting a product or services anytime and anywhere. The other problem is the Transportation in Indonesia is connection and integration line. And the next issue for the transportation is a Tariff for customer and cost operation. Ease of getting This item contains an opportunity cost, namely the opportunity commercial vehicles transportation services. The Electrical Vehicle is one option to reduce things like cost, pollution, and tariff. The implementation of electric vehicle policies in Indonesia is still at an early stage to achieve the government's target in 2025. For this reason, we will research adoption of electric vehicle for logistic service providers in Indonesia.

Keywords

Cost-Benefit Analysis, Electric Vehicles, Energy Transition, Logistics, Operational Efficiency

Biography

¹**Achmad Gunawan Wibisono** is bachelor's degree of Electrical Engineering at University of Indonesia. He is a student of master's degree in the Industrial Engineering at University of Indonesia, Jakarta, Indonesia. He is interested in the field of Project Management and Operation areas and has work as Base Metal Operation Excellence Division, PT Antam, Tbk.

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