



## Análisis de la conveniencia de sustitución de vehículos de combustión por tecnologías alternativas en el transporte público del área metropolitana de Cúcuta. [

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text (article)

Analítica

To analyze the advisability of substituting combustion vehicles for alternative technologies in public transport in the Cucuta metropolitan area. To constitute the current situations of the automotive fleet focused on the services provided by buses in the city of Cucuta, the amount of transport currently transiting in the website of the Cucuta metropolitan area was also established through the current inventory the market, with descriptive, documentary and investigative methodology through surveys. With these inquiries the present state of a sample of vehicles was established. The use of buses for daily use in the metropolitan area of Cucuta today are not compatible with the characteristics shown by the city to improve the environment, so the results confirm that with the implementation of new technologies for electric motors or clean energy for vehicles it will help to the reduction of pollution due to the convenience in the potential particularities in the environment, it also reduces the consumption of materials and energy made in the transportation of gasoline because eco-energy vehicles do not have the need to attend a fuel supply center. Since the nature of their electrical network already determined towards the distribution throughout the city, people have access without any complication to the electrical network.

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