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Research Article

STRATEGIES FOR PROMOTING THE SALE AND USE OF ELECTRIC TRANSPORTATION VEHICLES IN UZBEKISTAN

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ABSTRACT

Of course, promoting the sale and use of electric transport vehicles in Uzbekistan is one of the important issues. As mentioned above, this issue is gaining importance in the world as well. Electric transport vehicles are at the forefront of new trends in developing ecological safety and transportation. Uzbekistan also aims to increase the use of these special transport vehicles and accelerate their development. Therefore, the government of Uzbekistan has decided to adopt a state policy of "green energy" and new investments are being made in this direction. To promote the widespread use of electric transport vehicles, several ways are available such as reducing their prices, corporate loans, cooperation and research, independent energy use, and infrastructure development. All of these are essential for the development and promotion of electric transport vehicles, which is crucial for solving ecological safety issues and further developing the transportation sector.

KEYWORDS

Electric transport vehicles; ecological safety; green energy.

INTRODUCTION

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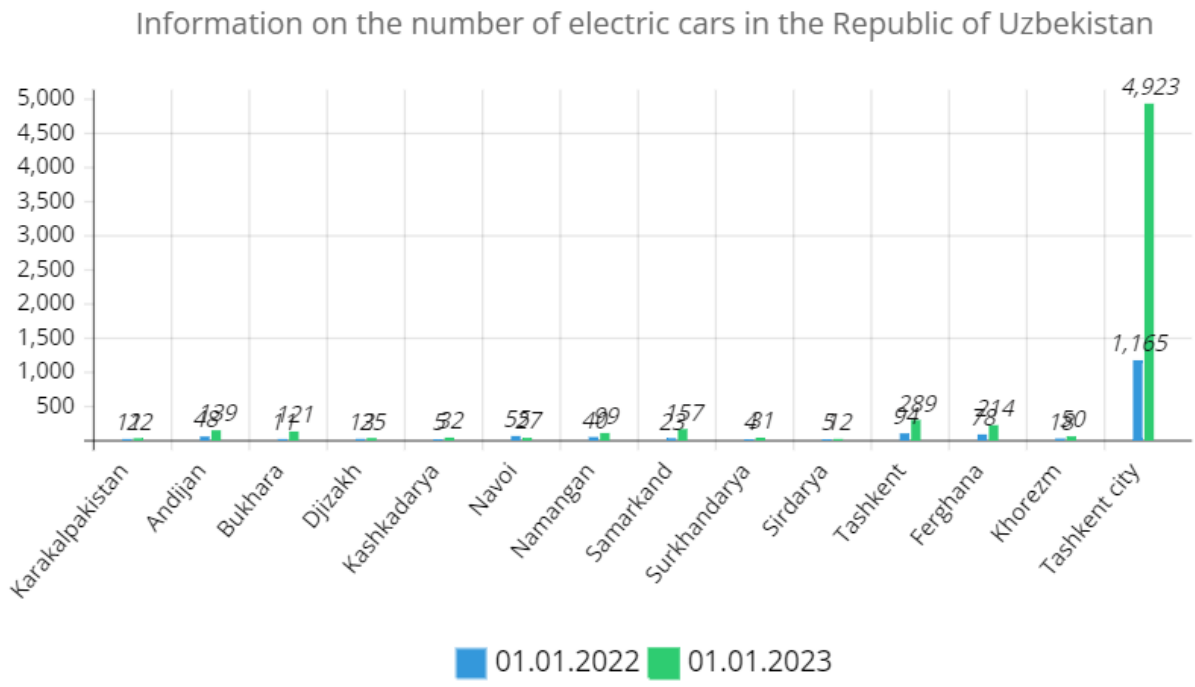
The effectiveness of using electric transport vehicles in Uzbekistan is increasing year by year. Although electric vehicles have been introduced to the Republic less than two years ago, their sales volume has significantly increased compared to the first year. Electric transport vehicles are considered to be ecological and efficient means of transportation because they consume less energy compared to conventional vehicles that move according to the internal combustion principle. However, the high price of electric transport vehicles currently prevents many people from purchasing them, making them only a good solution for larger cities. This can also be seen in the advantages diagram mentioned below.



According to this information, as of January 1, 2023, a total of 6,151 electric cars were sold in the Republic of Uzbekistan. This number is more than four times higher than the 1,536 electric cars recorded on January 1, 2022. Since 4,923 electric cars are registered in the city of Tashkent alone, this accounts for 80% of the total number of electric cars registered in Uzbekistan. This suggests that the sales of electric cars in Tashkent are likely to be high compared to the rest of Uzbekistan.

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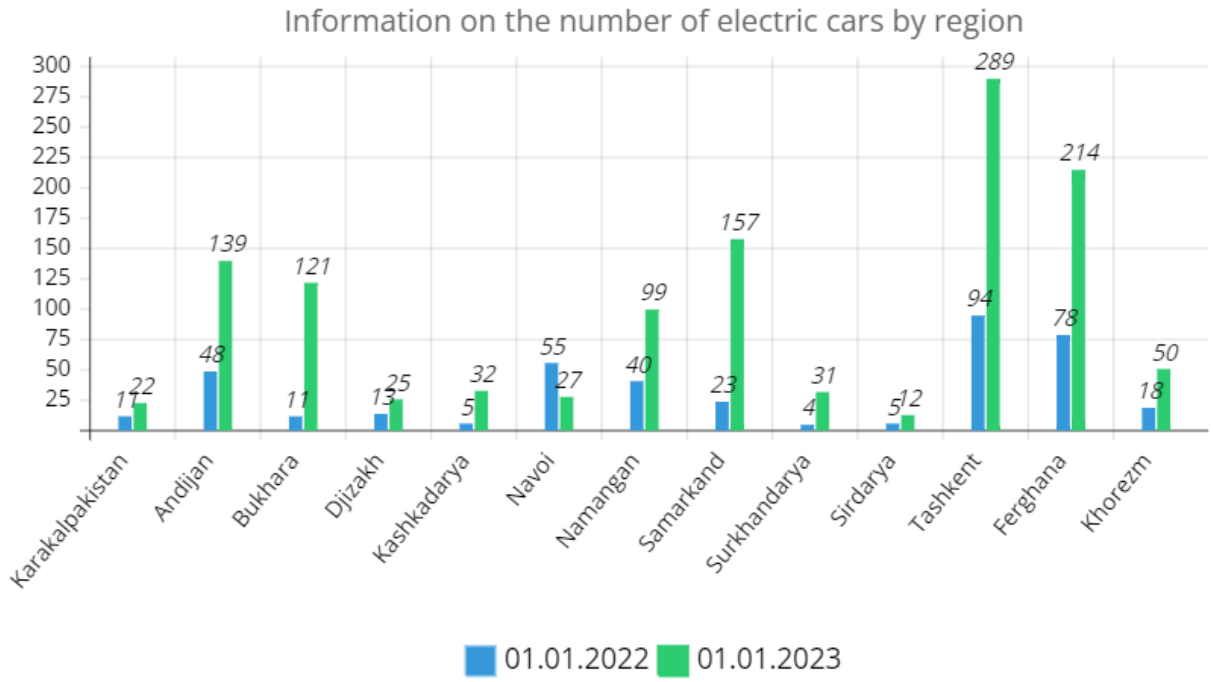

According to this information, a total of 157 electric cars were sold in Samarqand province as of January 1, 2023. This indicates an increase in the sales of electric cars in Samarqand province and a greater investment in this area.

The autonomous republic of Karakalpakstan and the Surkhandarya region are still lagging behind in the sales of electric cars. However, as in other regions where they are more commonly used, electric cars can also see a rapid increase in these provinces in a short period of time.

Moreover, the increasing demand for electric cars has led to a rise in investment by companies producing electric cars in Uzbekistan to increase their production capacity and meet the growing demand. In addition, there has been a rise in personal demand for electric transportation vehicles. The Uzbekistan government is taking steps to develop and improve the quality of its electric energy infrastructure to meet this growing demand.

Therefore, the article is about further exploring the increase in popularity of electric cars in Uzbekistan, their efficiency, useful features, and the latest news about them. Additionally, recommendations should be given to individuals and organizations responsible for expanding electric car usage.

Compared to developed countries, the growth of electric cars in Uzbekistan is relatively low. The increase in the number of electric cars faces several challenges, such as the lack of convenient conditions for reducing harmful emissions and the necessity for the development of battery and electric energy distribution systems.

Furthermore, it should be noted that Uzbekistan needs to strengthen its capacity for producing vehicles that run on alternative fuels, as it is the case in countries such as Russia or Japan.

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Despite all the challenges, there are significant opportunities for the growth of electric transportation in Uzbekistan, which can contribute to making travel more efficient and environmentally friendly.

We can provide the following recommendations on the topic, showing the practical importance of the policy aimed at promoting the sale and use of electric vehicles:

A) To promote the adoption of electric vehicles, it is necessary to reduce prices. For this purpose, methods such as increasing imports or utilizing corporate credits that include long-term leasing and other methods used in other countries can also be employed.

B) To increase the usage of electric vehicles among the general population, it is important to provide easy access to them. This includes informing frequent visitors about where they can find charging stations and providing them with opportunities to use electric vehicles for the first time in areas where they frequently visit.

C) To develop and manufacture electric vehicles, more research and development is required. Therefore, it is important to increase collaborations between scientific research institutions and major transportation companies, and investments should be made in this field.

D) In order to support electric transport vehicles, it is necessary to prepare the necessary infrastructure. This

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includes installing essential objects such as electric charging stations for multi-use city roads used by cargo vehicles, battery exchange stations and power supply stations.

E) Learning about best practices being implemented in the creation and usage of electric vehicles in foreign countries and collaborating with various international companies in this field is necessary.

F) To further develop and increase the widespread use of electric transport vehicles, it is necessary not only in Uzbekistan but also in other countries to cooperate with major transportation companies and governments. This helps to promote mutual influence and power-sharing.

A proposed solution to encourage the sale and use of electric transport vehicles includes reducing prices, promoting long-term leasing options, creating necessary infrastructure, educating the public on the benefits of electric transport, partnering with academic and research institutions and large transportation companies, and investing in the industry. Electric transport vehicles are a great solution to ecological problems, and their high sales and usage are dependent on the public's concern for the environment. Therefore, it is necessary to implement these proposals to solve the challenges of encouraging the sales and usage of electric transport vehicles.

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