

Sharing economy is expected to grow in excess of \$300 billion by 2025. We should point out that, of the largest players in sharing economy, Uber and Airbnb have grown to become global companies. Their worldwide importance is shown by the fact that every day Uber manages 25 million rides globally on an average day in 70 countries. The Republic of Belarus keeps up with the global trend. Uber is also one of the leading companies in the car sharing niche in our country. Companies such as Anytime and Hello compete with it.

Sharing economy enables businesses and consumers to reduce risk, achieve greater flexibility, cut costs, and become more sustainable.

References

1. Problems the Sharing Economy is Solving [Electronic resource] // Business Because. – Mode of access: <https://www.businessbecause.com/news/in-the-news/6678/sharing-economy-problems-solving>. – Date of access: 09.11.2023.
2. *Vaughan, R.* Assessing the size and presence of the collaborative economy in Europe / R. Vaughan, R. Daverio // Analytical paper on the economic scale and growth of the collaborative economy. – 2016. – Pp. 8–9.
3. *Osztovits, A.* Sharing or paring? Growth of the sharing economy / A. Osztovits, A. Kőszegi, B. Nagy. – PriceWaterhouseCoopers, 2018. – P. 12–13.
4. Uber Investor [Electronic resource] // Uber. – Mode of access: <https://investor.uber.com/home/default.aspx>. – Date of access: 09.11.2023.

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THE DEVELOPMENT OF ELECTRIC TRANSPORT IN MECHANICAL ENGINEERING AS A TREND IN THE GLOBAL ECONOMY

Развитие электротранспорта в машиностроении как тенденция в мировой экономике

The main goal of our work is to look at how electric vehicles affect the global economy. The results of the study reveal the development of the electric vehicle today. In the global economy, electric transport is currently considered one of the valuable directions in the formation of the mechanical engineering industry. In this industry, electric vehicles have gained the greatest development and popularity in the past years. The creation and development of electric transport, which is based on

factors such as environmental friendliness, economy and safety, directly affects the formation and development of the global economy.

Currently, more and more people prefer electric vehicles, but they have their advantages and disadvantages. Compared to conventional cars, electric cars have many advantages:

- expenses. Compared to a conventional car, there is a low risk that an electric car will fail, since it has fewer parts that are subject to breakdown.
- safety. Traveling in an electric car is characterized by less harm to health: more silent, comfortable, complete silence in the cabin.
- environmental friendliness. No exhaust gases – less harm to the environment.
- efficiency. Saving money on fuel. You can charge your electric car from a regular outlet.
- simple maintenance. The simple design of the electric vehicle makes it easy to use.

These advantages of an electric car constitute its positive characteristics and are the basis for attracting and purchasing this model.

However, there are also disadvantages to be noted, such as:

- high price. Currently, the price of an electric car is the main barrier for the buyer. After all, a classic car costs twice as much.
 - charge. It takes seven or more hours to charge an electric car. Another problem at the moment is the insufficient number of charging stations in big cities and their absence in small towns.
 - limited mileage
 - limited mileage. Battery capacity depends on weather conditions. In good weather conditions, you can travel 200 to 400 km on one charge. Bad weather conditions reduce battery capacity and, therefore, reduce mileage.
 - small sizes. Currently, electric cars are made compact, but they are small in size.
- To correct deficiencies the following measures must be taken:
- increasing the number of charging stations;
 - improvement of batteries;
 - fast charging of the battery, which will not be afraid of heat and cold;
 - preferential financing for the purchase of electric vehicles;
 - level of consumer awareness.

As a result, in the near future it is planned to popularize and widely develop this sector of the economy. More than 500 models of electric vehicles have already been presented and these models are constantly being improved.

Europe strives to become a leader, to be the first in the transition to electric transport, to a life with zero emissions. The development of electric vehicles and investing money in this industry is a current development strategy for many companies today. Many brands are seriously planning a complete transition from classic cars to electric vehicles. It is expected that by 2030, electric vehicles will

make up more than 20% of all transport, and by 2050 - approximately 50%. The leader in the production of electric vehicles is China; it is here that more than 50% of electric vehicles are produced and this figure is constantly increasing. Along with the production of electric vehicles, the road to the production of electric buses and electric trucks is planned.

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ENVIRONMENTAL ASPECTS OF THE WORLD ECONOMY

Экологические аспекты мировой экономики

The world's modern economy can't be considered in isolation from environmental aspects. Over the years, industry and economic growth have been brought to the fore, resulting in uncontrolled use of natural resources, pollution and a change in the Earth's climate. Recently, however, the world community has become aware of the need to move towards sustainable development that takes into account environmental aspects and preserves the balance of our planet's natural environment. The transition to sustainable development in the economy involves methods and approaches that make the economy more environmentally sustainable, conserving natural resources and making economic systems competitive.

Sustainable development in the economy is becoming increasingly popular worldwide and is supported by Governments, environmental and international organizations, the business community and the public. This is linked to issues such as climate change caused by greenhouse gas emissions; the destruction of ecosystems and biodiversity; air pollution, water and soil pollution; depletion of natural resources. An example is the Paris Convention on Climate Change, which has been signed by more than 190 countries, or a modern set of European Union policy initiatives called the European Green Deal, which aims to reduce carbon emissions and create new economic mechanisms that help move towards sustainable economic systems. The two agreements focus on innovation, intellectual capital and waste management, creating new markets and jobs.

It is important to make society aware of environmental problems and the need to preserve them. Modern lifestyles are often accompanied by excessive resource consumption, inefficient technologies and large amounts of waste. In this regard, many people are aware of the need to change their habits and contribute to the preservation of the environment.