

## **MODERN WAYS OF MAINTAINING AND ENSURING A HIGH LEVEL OF MULTIMODAL TRANSPORTATION DEVELOPMENT IN UKRAINE AND THE WORLD**

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In our time - the era of continuous technological development and innovations, to imagine the modern world without the participation of transport - is almost impossible. Transport is the key driver of the system, which leads it to movement, creates new market trends, expands the range of services, and adjusts planning strategies. In order to maximize the basic level of the logistics system efficiency, in recent years, incredible efforts have been made to solve the problems of one of the most promising and financially profitable areas, namely - the development of multimodal transportation.

Multimodal transportation ensures not only the optimal functioning of the transport system, but also a fair pricing policy of companies, rapid development of various services, constant high demand and market stability. Now, just to imagine or even call a modern transport network of the country - quite difficult, if its multimodal transportation system is underdeveloped [1].

The system of multimodal transportation spreads its influence in all regions of the world, creating a single reliable system of operational transport routes. Their development allows countries, in the shortest possible time, to ensure high-quality integration of several transport systems into one, with minimal financial, economic and operating costs. The goods transportation concept «door-to-door» has been able to find its golden place among customers who value maximum comfort. The multimodal transportation importance can be observed now, as the introduction of mass quarantine measures, due to the global response to the «Covid-19» pandemic, has significantly increased the demand for this type of service. Thus, they provide full coordination of all basic elements of supply chains, high operational interaction, technological affinity and logistical quality [2].

This issue is so important because it directly affects the speed and quality of cargo delivery, logistics services system reliability increasing, civilian satisfaction and further improving security. Thanks to analysis of a huge number of scientific articles and open Internet sources, it was found that the key advantages of multimodal transportation include: delivery speed, relatively low competitive transportation cost, convenient maintenance, high transportation safety, convenient «door-to-door» and «just in time» services, a simplified inspection procedure and many others.

That is why, in order to ensure and maintain the highest possible level of international transportations, people should pay more attention to the creation of a high-quality multimodal transport network on the European model. Especially big importance this plays for Ukraine, as country has an incredibly advantageous geographical position, being located between Europe and Asia. This fact makes it very important in the preparation and implementation of international transportations, in which Ukraine can act as a very powerful and cost-effective transport hub. Additional advantages include: direct access to the sea, as well as the fact that the relief of Ukraine is mostly plain (95% - plains, 5% - mountains) [3].

Unfortunately, now the prospect of transforming Ukraine into a key transport hub is still not achieved, as only in accordance with the plans of the National Transport Strategy of our country, it will become possible until 2030. To speed up this process as much as possible, it is necessary to intensify the development of an autonomous transport system of international and state routes, pay more attention to container traffic optimization, ensure their regularity, work on rail transport improvement in accordance with European standards, reform the tariff system by making it more competitive and increase overall basic transport capacity. Not less important will be measures for the complex development of transport infrastructure, speed up introduction of modern technologies and creation of new control operational services of logistics centers [4].

The first steps to solve the key problems of multimodal transportation development in Ukraine should be: introduction of a reliable electronic declaration system; reforming the regulatory framework; simplification of the border control system; increase of basic competitiveness; adjustment of tax pricing policy; development of the legal basis; fight against corruption; more depth technological integration with neighboring countries and transport industry general development [5].

So, we can conclude that nowadays, importance of multimodal transportation is really huge, as it ensures the development not only of the transport industry, but also the country as a whole, affecting all available market sectors, as we have repeatedly seen from this research. In order for Ukraine to achieve significant success in the implementation and development of multimodal transportation, it is obliged to ensure high-quality reformation of the legal framework, support the creation initiative of cargo handling powerful logistics centers, simplify legal and administrative formalities for customs clearance.

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