

EXPECTED POTENTIAL FOR TRANSPORT LOGISTICS

Kosinova A. N., student

Sobol Y. D., student

Scientific supervisor – Slesaryonok E.V., senior lecturer

English language department №1

Belarusian National University of Technology

Minsk, Republic of Belarus

The development of logistics infrastructure plays a huge role in maintaining sustainable and balanced economic growth at the national level. This key factor influences a country's long-term prosperity by ensuring the efficiency and speed of movement of goods, materials and information throughout the territory. Thanks to a developed logistics system, companies can improve their competitiveness and stimulate economic development by attracting investment and new business opportunities. Well-organized logistics not only reduces costs and increases productivity, but can also optimize the use of resources, reduce the negative impact on the environment and improve the quality of services for consumers. All this together contributes to the sustainable and balanced economic growth of the country, allows it to successfully compete in the international arena and ensure the well-being of its citizens. It is evident that the transport logistics industry is facing new challenges and opportunities as technologies evolve, consumer behavior changes, and markets globalize. Digitization and process automation are key trends that will shape the future of transport logistics. The implementation of modern digital technologies such as transport management systems, Internet of Things, and artificial intelligence allows companies to optimize delivery routes, improve demand forecasting, and enhance the efficiency of logistical operations.

Another important direction in the field of transport logistics is sustainable development. With growing societal awareness of environmental issues and strict regulations on environmental protection, companies are increasingly focusing on implementing environmentally sustainable approaches in logistics.

The use of electric vehicles, adoption of alternative energy sources, and route optimization to reduce emissions are just a few examples of

steps towards more environmentally responsible transport logistics. The impact of globalization on the development of transport logistics is undeniable. The expansion of international trade volume increasingly pushes towards the creation of efficient international logistics networks and strategies capable of guaranteeing prompt and reliable delivery of goods worldwide. One very promising direction for expanding capabilities in the transport industry today is the promotion of multimodal transportation.

The advantages of this approach, which involves successful integration of various modes of transport - road, rail, sea, and air, including the ability to form the most optimal logistical chains, accelerate delivery times, and minimize costs.

In conclusion, the expected future potential for the development of transport logistics are closely linked to the integration of cutting-edge technologies, sustainable growth, progress in multimodal transportation, and adaptation to global market changes. Only companies willing to embrace change and accept innovations will be able to achieve a new, unparalleled level of competitiveness and efficiency in this field.

References

1. Yu. V. Plokhikh, M. E. Gubich, Prospects and problems of development of the market of transport and logistics services // Young scientist, 2015. V. 9. P. 684-686.

2. Decree of the Government of the Russian Federation dated December 5, 2001 N 848 (as amended on October 13, 2016) "On the Federal Target Program "Development of the Russian transport system (2010 – 2020 YEARS)" [Electronic resource] – Mode of access: http://www.consultant.ru/document/cons_doc_LAW_8f . – Date of access: 12.03.2024.

3. Federal State Statistics Service: Transport and communications [Electronic resource] – Mode of access: www.gks.ru/wps/wcm/connect/rosstat_main/rosstat/ru/statistics/e. – Date of access: 12.03.2024.

4. Kurochkin D.V. Logistics: course of lectures / D.V. Kurochkin. – Minsk: Amalfeya, 2017. – 492 p.

5. Kurochkin D.V. Logistics and supply chain management: practical allowance / D.V. Kurochkin. – Minsk: Alpha Book, 2016. – 784 p.