

**СЕКЦІЯ
ПИТАННЯ СУЧАСНОГО РОЗВИТКУ ТРАНСПОРТНИХ ТЕХНОЛОГІЙ.
НАУКОВІ ЗАСАДИ ІЗ ЗАБЕЗПЕЧЕННЯ ОРГАНІЗАЦІЇ ТА БЕЗПЕКИ
ДОРОЖНЬОГО РУХУ.**

**GLOBALIZATION AND PROBLEMS OF SUSTAINABLE
DEVELOPMENT OF TRANSPORT**

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Recently, the situation in the transport and road complex of Ukraine has significantly worsened. A series of socio-economic problems are associated with transport, which increase with the degree of economic development and the growth of transportation volumes. These problems include: the increase in road accidents; growing negative impact of transport on the environment and health of the country's population; the growth of losses associated with traffic jams during transportation; growth of emissions of gases that cause the greenhouse effect, consumption of oil products, etc.

Motor transport is the main consumer of fossil fuels (it consumes about 65% of diesel fuel used in the country, more than 95% of gasoline and almost 90% of liquefied petroleum gas). At the same time, motor vehicles are one of the main polluters of atmospheric air.

At the moment, the development of transport infrastructure, service, as well as the technical condition of the transport industry in our country is at a relatively low level. As a result of the imperfection of the regulatory and legal framework, insufficient investments in the transport and road complex, the technical and moral wear and tear of the transport base increases, the proper level of traffic safety is not observed, and the negative impact of transport on the environment and public health is increasing. This leads to the displacement of Ukrainian carriers from the international markets of transport services, especially in conditions of fierce competition, and reduces the quality of service for domestic enterprises and the population [1].

Despite the technical and operational capabilities, the development of each type of transport is gradually moving forward, but this time still has its problems. Thus, railway transport has an outdated fixed asset (vehicle fleet, technical equipment of tracks). However, the rolling stock is gradually updated by the purchase and construction of both foreign and domestic wagons and locomotives (wagons of the Korean production "Hyundai", Ukrainian wagons of the Kryukov Carriage Works), the technical condition of tracks, railway stations and stations continue to gradually improve. Another problem is the discrepancy between the track widths of the Ukrainian and European railways. This significantly slows down the passage of passenger and freight trains across the border. Even the automatic adjustment of the width of carriages, not to mention the overloading of goods or the transfer of passengers, takes considerable time.

Road transport is the most widespread in the world. The main problem for this type of transport is the poor condition of the roads, which is caused by the climatic conditions of our country, the imperfect technology of road surface production, the movement of heavy vehicles on general purpose roads, etc. And since Ukraine is a transit country, this problem is relevant not only for our carriers, but also for foreign carriers. The solution can be both the development and capital reconstruction of already existing ones, as well as the construction of completely new roads and junctions. To solve this problem, it is necessary to strictly control the technology of production and repair of the road surface, attract foreign investors, and also ensure state financing of the complex.

The priority task for Ukraine is the realization of its transport potential and the creation of a transit transport bridge that will connect the countries of Europe and Asia. The prospects for the integration of our country into the international economic world society and the strengthening of transit relations of the state require the modernization and improvement of the material and technical base, the improvement and restoration of the operational and technical condition of the road complex, the regularity and reliability of transport connections, the safety of cargo and the safety of passenger

transportation, the increase in speed and reduction cost of delivery, that is, a high level of functioning of the entire Ukrainian transport complex [2].

The integration of transport networks and transport of Ukraine into the international transport system is necessary to attract additional volumes of transport and foreign exchange earnings, reduce transport costs, approach international standards of passenger and cargo transport, energy and environmental performance indicators of transport and increase the share of Ukraine's export potential in the international market of transport services by significantly increasing the competitiveness of Ukrainian carriers; maintaining the operational readiness of the transport system of Ukraine for its use in the interests of increasing the state's defense capability.

The main conditions that will ensure the development and growth of the national transport system of Ukraine are:

- modern infrastructure, which includes both transport and technical means, road complex;
- fair market competition, which will ensure the transparent operation of transport enterprises, the choice of carriers;
- development and clear interaction between different types of transport, especially in transport hubs;
- implementation of an effective management system, which will allow to better ensure the activity of transport units
- increasing the investment attractiveness of the transport industry, both for domestic and foreign investors;
- meeting the population's needs for high-quality and reliable transportation;
- formation and implementation of state policy in the field of transport, which is aimed at creating an effective transport complex integrated into the global transport network [3].

In view of the above, it can be noted that the main direction of the development of the transport industry is the favorable geopolitical location of Ukraine. And since the transport industry is completely dependent on state support, the state policy on the development of transit is the main one. The main directions of the development of the

transport industry and the prospects for its integration into the international community are outlined in the Concept of the Development of the Transport and Road Complex of Ukraine for the Medium-Term Period in the National Transport Strategy of Ukraine for the period until 2030. They considered the strategic goals that should be implemented in the following priority directions:

- Implementation of effective state management in the transport industry.
- Ensuring the provision of quality transport services and integration of the transport complex of Ukraine into the international transport network.
- Ensuring sustainable financing of the transport complex.
- Increasing the level of safety in transport.
- Achievement of urban mobility and regional integration in Ukraine.
- The following should be promising solutions that will ensure the joining of the transport industry of Ukraine to international ones:

- improvement and transparency of legal regulation in the field of transport development and safety;
- improvement of the tariff regulation of the market of transport services;
- development of effective transport logistics;
- development, modernization and improvement of all types of transport and road infrastructure of the country;
- introduction of effective road safety management systems, safety during transportation by various types of transport, and environmental safety;
- control and regulation of compliance with the legal framework and financing, etc.

Therefore, Ukraine's integration into international transport systems will make it possible to improve the economic, technical, investment and operational status of the country's transport industry as a whole. And this is a direct direction to cooperation with other states, which will increase the level of provision of services for the transportation of both cargo and passengers, which will lead to the inclusion of the transport and road complex in the circle of the international community.

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MANAGEMENT OF THE PROFESSIONAL HEALTH OF A SPECIALIST IN THE TRANSPORT INDUSTRY IN CONDITIONS OF SUSTAINABLE DEVELOPMENT

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Currently, the problem of occupational health attracts the greatest attention of specialists. But, despite this, there is still no general opinion about what meaning should be put into this concept. Professional activity can affect a person both positively and negatively. A negative impact can be caused by a combination of unfavourable working conditions (overstrain, overload, psycho-traumatic factors, etc.), which can cause not only professional deformation of the personality but also, in some cases, lead to occupational diseases that force a person to either change his occupation or completely to stop the professional activity. Because of this, a qualitatively new attitude towards the concept of "occupational health" is being actively formed in people's minds. By learning the basics of occupational health and ways to improve it, a person has a chance not only to prevent the occurrence of occupational diseases but also to improve in general. Preservation of professional health acts as a guarantee of the formation and development of the health and professional competence of a specialist.

According to WHO, human health is a state of physical, spiritual and social well-being [1].

1. The physical health of a transport industry specialist is to ensure the human body, which is characterized by the ability to adapt to various factors of the living