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SUSTAINABLE DEVELOPMENT OF MARITIME EDUCATION IN UKRAINE

Key words: *maritime professionals, Moodle, e-learning, digitalization, sustainability*

Sustainable development is a concept that refers to a mode of human development that meets the needs of the present without compromising the ability of future generations to meet their own needs. In other words, sustainable development aims to balance economic growth, social development, and environmental protection in a way that is sustainable and equitable. This concept emerged as a response to the challenges posed by unsustainable economic practices that have led to environmental degradation, social inequalities, and economic instability. Sustainable development is based on the idea that economic growth, social well-being, and environmental protection are interdependent and must be pursued in a balanced and integrated way. It requires a long-term perspective that takes into account the needs of future generations. It also requires a holistic approach that integrates economic, social, and environmental considerations into decision-making processes. This approach involves addressing issues such as poverty reduction, access to education and healthcare, the protection of natural resources and biodiversity, and the reduction of greenhouse gas emissions and other forms of pollution [1,2].

Sustainable development of education refers to an approach to education that promotes sustainable development principles and practices, such as environmental protection, social equity, and economic development. It aims to empower learners to become active agents of sustainable development and to contribute to the creation of a more sustainable world. In recent years, there has been growing recognition of the importance of sustainable development education in addressing global challenges such as climate change, poverty, and inequality. Many countries have incorporated sustainable development education into their national curricula and educational policies. One of the key components of sustainable development education is promoting environmental literacy and awareness. This involves educating learners about the importance of protecting natural resources and biodiversity, and the impacts of human activities on the environment. Sustainable development education also emphasizes the importance of social and economic sustainability. This involves promoting social equity and inclusion, and preparing learners for careers in sustainable industries. To promote sustainable development education, there are various initiatives and programs at different levels, such as the United Nations' Education for Sustainable Development (ESD) program, which aims to integrate sustainable development principles into education at all levels. Overall, sustainable development education plays a crucial role in preparing learners to become responsible and informed global citizens who can contribute to a more sustainable future [3,4].

The sustainable development of maritime education refers to an approach to maritime education that promotes sustainable development principles and practices in the maritime industry. This includes ensuring the sustainable use and protection of marine resources, reducing the environmental impact of maritime activities, promoting social and economic sustainability, and preparing the next generation of maritime professionals to contribute to a more sustainable industry. Sustainable development of maritime education involves incorporating sustainable development concepts and principles into

maritime education and training programs. This includes providing learners with the knowledge and skills needed to operate ships and manage maritime activities in an environmentally responsible and sustainable manner. In recent years, there has been a growing focus on the sustainable development of maritime education and training, particularly in response to global concerns such as climate change, overfishing, and marine pollution. This has led to the development of initiatives and programs aimed at promoting sustainable development in the maritime industry, such as the International Maritime Organization's (IMO) work on environmental protection and the Blue Economy. The sustainable development of maritime education also involves promoting social and economic sustainability in the maritime industry. This includes ensuring fair and equitable working conditions for maritime professionals, promoting gender equality, and preparing the next generation of maritime professionals for careers in a sustainable and socially responsible industry. Overall, the sustainable development of maritime education is crucial for ensuring the sustainability of the maritime industry and protecting the marine environment for future generations [5].

In Ukraine, there is a growing interest in sustainable maritime education and training. The country has a long history of maritime activity, with the Black Sea and the Sea of Azov playing a significant role in the country's economy and trade. In recent years, there has been a focus on promoting sustainable development in the maritime industry in Ukraine. This has led to initiatives aimed at incorporating sustainable development principles into maritime education and training programs. For example, Kherson State Maritime Academy (KSMA) despite war has introduced courses on environmental protection and sustainable development into its curriculum, with a focus on the maritime industry. In addition to academic programs, there are also various training programs and initiatives aimed at promoting sustainable development in the maritime industry in Ukraine. For example, KSMA offers training programs on environmental protection and sustainable development, with a focus on improving the environmental performance of ships and reducing marine pollution. Furthermore, Ukraine has been actively involved in international initiatives aimed at promoting sustainable development in the maritime industry, such as the IMO's work on environmental protection and the Sustainable Blue Economy Conference. Overall, while there is still much work to be done, Ukraine is taking steps to promote sustainable maritime education and training, which will play a crucial role in ensuring the sustainability of the country's maritime industry and protecting the marine environment for future generations.

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