Digitalization of industrial enterprises as a strategic factor in their sustainable development

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For citation
Shkodinsky S.V., Stepanov D.A. Digitalization of industrial enterprises as a strategic factor in their sustainable development // Market economy problems. – 2021. – No. 4. – Pp. 40-49 (In Russian).
DOI: https://doi.org/10.33051/2500-2325-2021-4-40-49

Abstract
The publication is devoted to the aspects of digitalization of the activities of industrial enterprises, which are considered as a strategic factor for sustainable development. ***Research results.*** It was revealed that sustainable development in modern socio-economic realities is a combination of economic security and sustainability from an environmental standpoint. In both aspects, industrial enterprises are extremely vulnerable to the effects of internal and external environmental factors. It is noted that digital technologies, provided they are used correctly, can act as a strategic basis for transforming the activities of industrial enterprises in the direction of ensuring long-term sustainability of development. Based on the materials of the questionnaire survey of the heads of departments (services) of strategic development (management) of 46 large industrial enterprises of 8 branches of Russian industry, an assessment of the level of digitalization of key business processes, as well as its potential, was presented, on the basis of which it was concluded that there are significant reserves for increasing the sustainability of the development of industrial enterprises through digitalization tools. The promising directions of digitalization of Russian industrial enterprises and their areas of application are described. ***Conclusions.*** As part of the study, it is substantiated that the systematic and comprehensive implementation of measures to digitize the activities of Russian industrial enterprises will allow the transition to the formation of Industry 4.0 in many industries, which is its strategic effect.

Keywords: *digitalization, strategic development, sustainable development, economic security, environmental friendliness of production, digitalization potential, «Industry 4.0», blockchain, artificial intelligence, cyber-physical systems.*

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