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Systematization of progressive indicators of industrial enterprises' sustainable development

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Abstract

The relevance of the study is conditioned by the modern trends of economic development which suggest that the sustainability of production is possible to provide, while maintaining and enhancing the natural and ecological environment, by looking qualitatively new, revolutionary opportunities, associated with the use of resource-saving and energy-saving technologies, as well as alternative, reproducible sources of industrial activity, the creation of favorable ecological, economic and social conditions for the accumulation and realization of human capital. The purpose of the paper is to systematize progressive indicators of the sustainability of the development of industrial enterprises aimed at increasing the competitiveness of products, the use of innovative energy and resource-saving technologies, minimizing waste generation. The leading method to the study of this problem is the index method, which allows us to consider this problem as a purposeful and organized process to increase the sustainability of the development of industrial enterprises. The paper gives an assessment of the current state of energy consumption of industrial enterprises; a set of progressive indicators of the sustainability of industrial enterprises is suggested. The practical value is that the results of the research make it possible to regulate the sustainable development of industrial enterprises in a better and more targeted way by applying innovative forms of energy and resource saving and can be used in the framework of sector programs, they are of interest to state statistics bodies, as well as ministries and agencies which are responsible for strategic analysis and planning.

Keywords

Ecology, Economy, Production, Resource saving, Sustainable development

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