

Improving the quality and efficiency of management systems for large industrial enterprises

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Abstract

An effective industrial business management system is an objectively necessary condition for ensuring sustainable social and economic development of an enterprise. Modern management systems are increasingly based on the principles of end-to-end digitalization and automation of industrial business processes, which makes the issue of choosing the most productive mechanism for managing the production, technological and organizational and intellectual potential of large industrial players urgent. **Goals/objectives.** The purpose of the work is to disclose issues related to the organization of management of large industrial enterprises. **Results.** The article examines the case studies of organizing the management of large industrial enterprises using the example of PJSC Cherkizovo, PJSC Akron and describes ways to overcome the crises of the business life cycle, taking into account the urgent challenges and threats of the post-industrial society and large-scale digitalization of the economy. **Conclusions/Relevance.** The conclusion is substantiated that the problem of improving the industrial business management system in the wake of sustainable development programs and strategies is a pivotal for ensuring the harmonization of both scientific and technological and financial support for industrial businesses.

Keywords: *strategy, management, risks, challenges and threats, industry, sustainable development, digital economy, internet of things, industrial engineering*

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