

**MODELING OF THE ORGANIZATIONAL-ECONOMIC MECHANISM OF  
"ALMALIK KMK" JSC AND ITS EFFECTIVENESS****<sup>1</sup>Mukhitdinova Kamola Alisherovna, <sup>2</sup>Abdullaeva Dilfuza Abubakirovna**Associate Professor, Tashkent State Technical University, Department of "Industrial Economics", Doctor of Philosophy<sup>1</sup>, Senior lecturer of the Department of "Industrial Economics" of Tashkent State Technical University<sup>2</sup>**ANNOTATION**

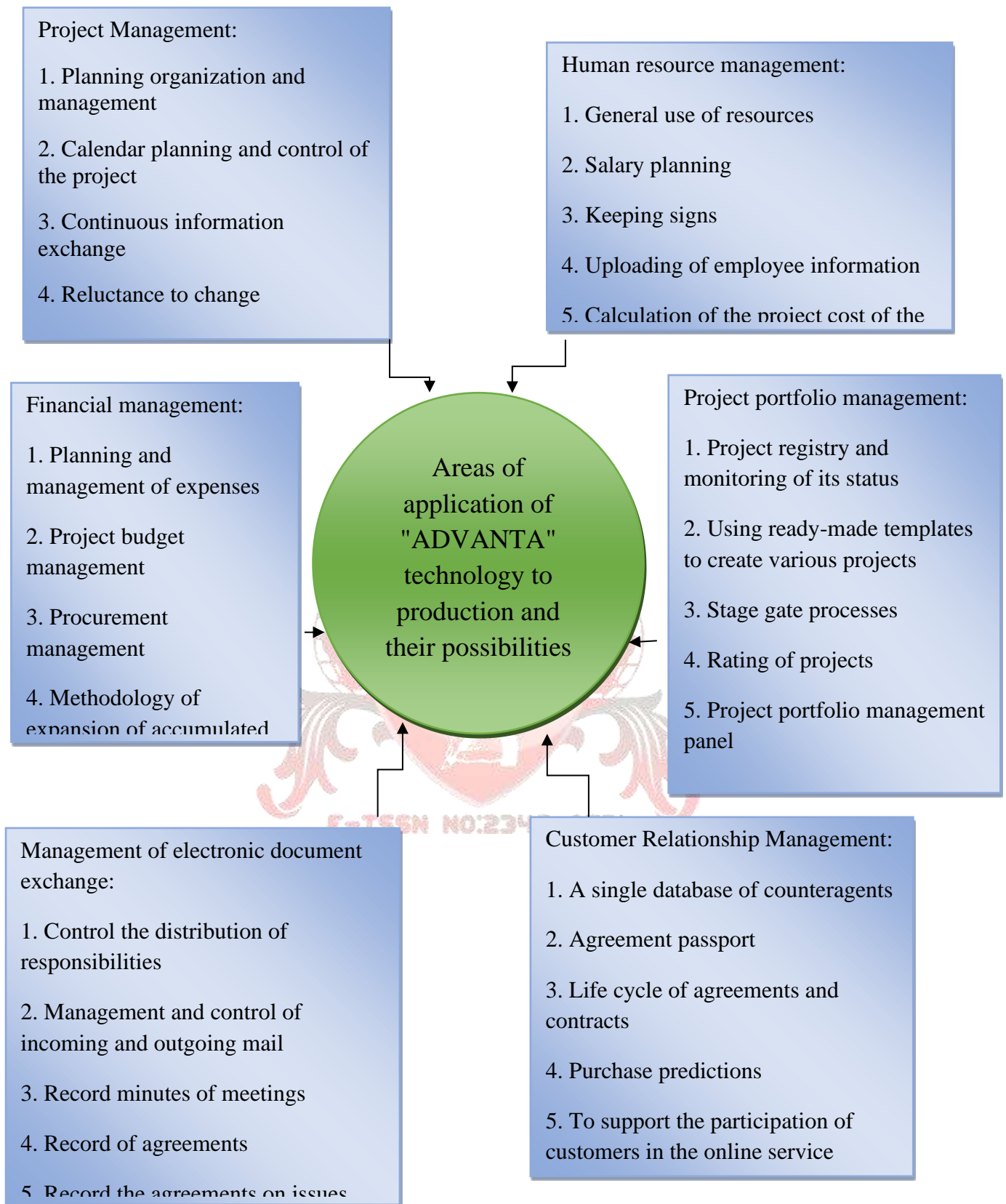
This article presents ways of modeling and improving the organizational and economic mechanism of the enterprises of the gold mining industry of Uzbekistan and improving its efficiency. Recommendations for the use of advanced technologies and their efficiency indicators are also based.

**Keywords:** *economic development of gold mining enterprises, modeling for the purpose of improving the organizational and economic mechanism, organizational functionality, increasing economic efficiency.*

In the development of world countries, first know-how, then increase and localization of product types, innovation and innovative activity, then business modeling were the waves of the business environment, and today the next generation of techniques and technologies with digitization technologies are becoming popular. Although digitization technologies have not been widely used in the gold mining industry, the proposals of information technology specialists in the alternative of project management, prospecting and mining, management activities for its future production activities are increasingly increasing in the rationalization markets. Managers acting in order to ensure the stability of each enterprise and to strengthen it are trying to put such advanced technologies into practice, realizing how effective they are for production.

Among digital technologies, "ADVANTA" technology is very suitable for improving the organizational and economic mechanism of "Almalik KMK" JSC. This is based on the fact that this technology covers all processes of production and allows automatic management of project participants. This system is produced in Russia and can appear as an analogue of software packages such as MS Project Server + Sharepoint + BI + Excel. Its implementation does not cause any difficulties in the production work, and there is a possibility to completely transfer the enterprise to the "ADVANTA" project office in 2 months. The implementation of this technology in the enterprise is carried out without a design stage and can be started from management activities. The main reason for this is that the use of this technology forms a set of simple instructions, starts from the level of working with the basic information of the enterprise and is directly related to management activities.

The convenience of the "ADVANTA" technological system, the exchange of documents in all enterprises is emphasized, and it includes numbers, deadlines, target agreements of mutual transactions, purchases and similar economic, organizational, financial processes in the strategic plan of the enterprise as a table and develops recommendations. As a result of annual data generation, a technological system that can automatically create a draft business plan for the next production year is able to improve the organizational and economic mechanism of the enterprise as a project office. With its help, performance and control of functional obligations helps to identify and solve many production problems.



Possibilities and advantages of using "ADVANTA" technology at  
"Almalik KMK" JSC <sup>1</sup>

<sup>1</sup> Author development

The application of this technology to the enterprises of the gold mining industry will reduce risk from the planning of production activities to the termination of the mining facility, increase the speed of decision-making, transparency and ease of conducting problem analysis and researching the causes of their occurrence, as well as moving away from the centralization of the workforce. It is expected that the compactness of the introduction work with the plan of providing the necessary group to the necessary objects and the scope of the work will lead to the improvement of the digital management of the managers and the flexible work procedure.

"Almalik KMK" JSC can serve in introducing the "ADVANTA" technology into the systematic current industry. Introduction of "ADVANTA" technologist at "Almalik KMK" JSC requires the creation of a business process management idea group map. ADVANTA technology also includes an idea management system, which includes:

1. Planning of innovative activities serves to form an innovation management plan.
2. Recording and discussion of ideas - serves to form the spirit of initiators and effectively implement their initiatives.
3. In the evaluation and preparation of innovative proposals, it is envisaged to issue innovative proposals, evaluate them ex-post and present them to the meeting board.
4. Putting innovative proposals into practice - in this case, the transformation of innovative proposals into projects and the strategic formation of a plan for its implementation are considered.

Financial results of "Almalik KMK" JSC (2017-2021, in billion soums)<sup>2</sup>

№	Name of financial transactions	2017	2018	2019	2020	2021
1.	Average number of employees	35996	35992	35989	36152	36758
2.	Product realization	30,553	30,178	29,678	29,354	31,534
3.	Product cost	11,112	11,003	10,335	10,221	10,570
4.	Income	14,687	14,571	14,472	13,772	15,124
5.	Net profit	11,007	9,755	9,198	5,606	8,572

Table shows the financial results of "Almalik KMK" JSC, according to which the organization operated on the basis of positive indicators. It is reasonable to forecast the change of indicators as a result of application of "ADVANTA" technology to enterprise activity. Forecast indicators were forecasted and tabulated from 2022 to 2026 by using the ADVANTA technology efficiency calculation model using the IBM SPSS analytical program of the American IBM company, taking into account autocorrelation and its percentile indicators and ARIMA. (table)

<sup>2</sup> "Almalik KMK" JSC information

Forecast indicators of the introduction of "ADVANTA" technology (billion soums)<sup>3</sup>

№	Name of financial transactions	2022y	2023y	2024y	2025y	2026y
1.	Product realization	30,79983	30,80409	30,90844	31,02637	31,14614
2.	Product cost	10,18096	9,9591	9,77104	9,58981	9,40995
3.	Income	15,15154	15,22639	16,03142	16,32879	16,08869
4.	Net profit	3,19466	5,51241	5,44727	6,67659	7,48572

According to the forecast presented in table, product realization will increase, and the cost of the product will decrease. 10% savings are observed and the net profit amount increases proportionally as a result of significant increase in revenue. As a result of the increase in product sales, it is expected that the country's economy will become more stable and its investment attractiveness will increase, the amount of GDP will increase significantly, and the lifestyle of the population will be further improved.

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