

FINANCIAL ANALYSIS BASED ON ESTABLISHING CONTROL IN THE APPLICATION OF NEW SOFTWARE SOLUTIONS AS THE BASIS OF A SUSTAINABLE MANAGEMENT AND BUSINESS OPERATIONS

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Abstract: *Financial analysis should be based on the establishment of numerous factors, the application of which will improve the work of numerous companies. This is achieved by applying control in the application of new software solutions as the basis of productive business. Establishing control within the framework of the overall financial reporting should serve as the basis of financial analysis and framework in the work of numerous companies. This assumes that they had a real need for the introduction of modern forms of business. Financial analysis should be the basis for the business of companies that want to achieve proper development, productive development. This leads to accelerated and transparent development of a large number of entities, especially from the point of view of successful management of top management of numerous companies.*

Keywords: *sustainable, financial management and control, company operations, economy.*

1. INTRODUCTION

The process of introducing controls and realistic financial reporting forms the basis of financial analysis, which is the beginning of changes in relation to the work and operations of management, which has the opportunity to use digitalization, which is the basis for making the right management decisions of a developmental nature in the operations of numerous companies [1-8].

The process of introducing the application of digitalization constitutes the first phase of financial analysis and the basis for business development in order to improve the quality of business operations of numerous entities [9-15].

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Therefore, the process of introducing real business decision-making begins with financial analysis, which is the basis for making business decisions by top management, which will contribute to better company performance [16-25].

The process of introducing IT, i.e. software solutions and digitalization, can contribute to increasing company profits [26-36].

2. THE PHASES PRECEDING FINANCIAL ANALYSIS AS THE BASIS OF REAL FINANCIAL REPORTING

The phases preceding financial analysis as the basis of real financial reporting can be seen as the basis for the real future operations of many companies, as shown in Figure 1-2.

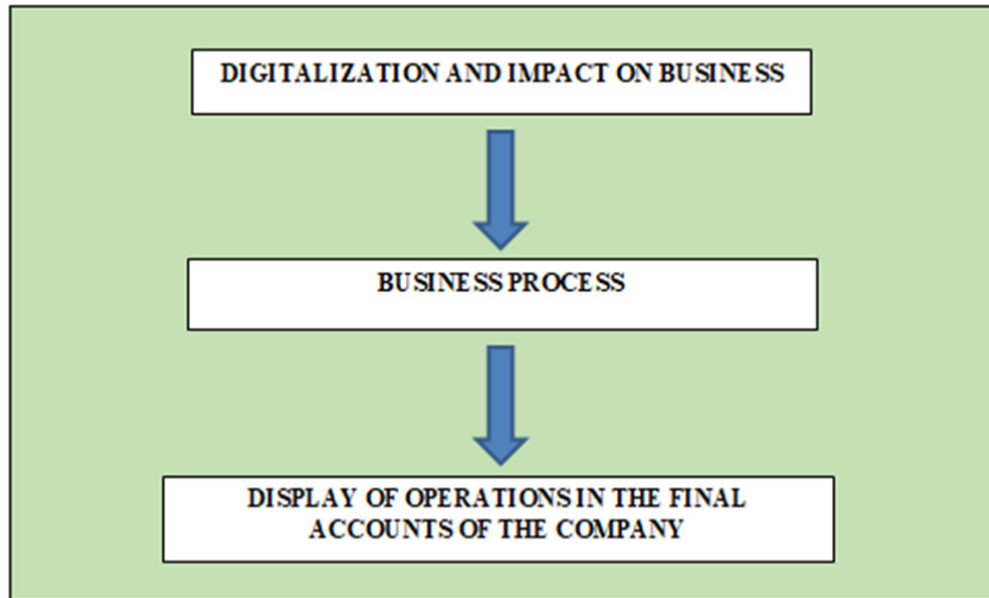


Fig. 1: Achieving a reduction in the total costs of the economy

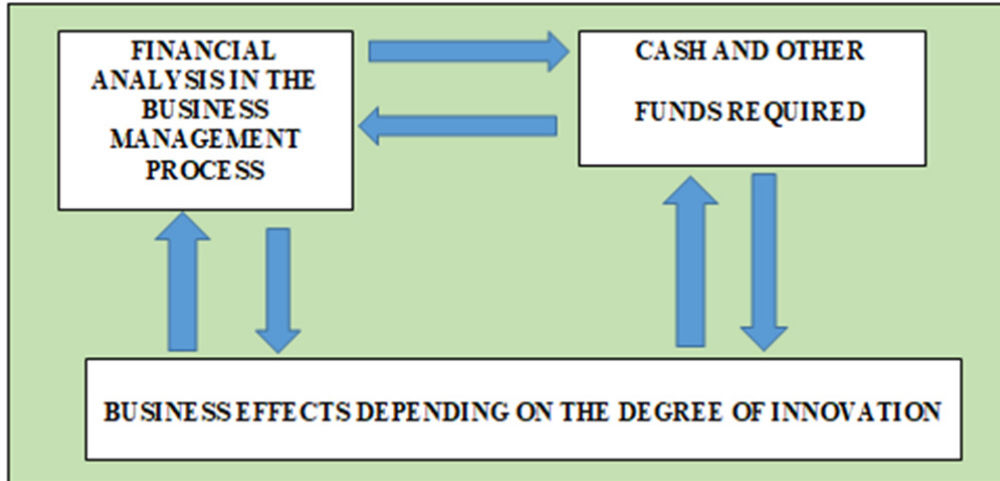


Fig. 2: Respecting the economic environment by the economy.

3. CONCLUSION

Financial analysis should be based on a proper business approach that is also based on determining numerous factors whose application will improve the work of numerous companies, which is the first conclusion after the presentation of this study.

The second conclusion would be that these processes require the application of control as well as the application of new software solutions, IT, digitalization as the basis for the possible increase in productive business.

The third would be that the establishment of control within the framework of overall financial reporting should become the basis that will serve as the basis of financial analysis and the framework in the work of numerous companies, especially those that strive for development and that are in conditions of transition processes.

REFERENCES

- [1] Bakmaz, O., Dragosavac, M., Brakus, A., Radaković, M., Arnautović, I., Samardžić, V., Krstajić, G. & Popović, S. (2024). Financial security and invoicing in management of public enterprises whose founders are local self-government units, example Republic of Serbia, *Lex localis-Journal of Local Self-Government*, 22:2, 198-218
- [2] Popović, S., Laban, B., Vukasović, D., Ivić, M., Popović, V. (2018). Internal and external audit as a factor in improving the management of the Agricultural enterprise, *Poljoprivredna tehnika*, 4: 8–12.

- [3] Lutovac, J. & Popović, S. (2024). INNOVATIVE BUSINESS IN THE BANKING SYSTEM EXAMPLE OF THE REPUBLIC OF SERBIA, IV. International Architectural Sciences and Applications Symposium Mayıs 30-31, 1-6, Girne
- [4] Bakmaz, O., Dragosavac, M., Popović, D., Brakus, A., Pajović, I., Turčinović, Ž., Radaković, M. & Popović, S. (2024). The significance of real financial reporting of agricultural mechanism in relation to the making of management decisions of individual farms and medium-sized agricultural enterprises, The Journal "Agriculture and Forestry", 71:1, 171-184
- [5] Radović, M., Vitomir, J., Laban, B., Jovin, S., Nastić, S., Popović, V. & Popović S. (2019). Management of joint stock companies and farms by using fair value of agricultural equipment in financial statements on the example of IMT 533 Tractor, Economics of Agriculture, 1: 35-50.
- [6] Bakmaz, O., Đuranović-Miličić, J., Dugonjić, D, Brakus, A., Gligović, D., Grublješić, Ž. & Popović, S. (2024). Management of non-standard agricultural equipment based on assessments of farm owners and management of healthcare organizations based on common use for patient treatment needs, Poljoprivredna tehnika, ISSN 0544-5587.
- [7] Bakmaz, O., Anđelić, S., Dragosavac, M., Grublješić, Ž., Nastić S., Popović, D., Tubić M. & Popović S. (2024). The importance of determining the efficiency of business of agricultural farms in relation to the use of credits in agriculture, the example of the Republic of Serbia, Agricultural Engineering, No. 1, 10-16.
- [8] Popović, S., Tošković, J., Majstorović, A., Brkanlić, S. & Katić, A. (2015). The importance of continuous audit of financial statements of the company of countries joining the EU, Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series, Special Issue, 241-246.
- [9] Radović, M., Vitomir, J. & Popović, S. (2021). Impact of internal control in enterprises founded by local self-government units: the case of Republic of Serbia, Inzinerine Ekonomika-Engineering Economics, 32(1): 82–90.
- [10] Ivaniš., M. & Popović., S. (2013). Altmanov Z-Score model analize, Ekonomija-teorija i praksa br.2, Fakultet za ekonomiju i inženjerski menadžment, Univerzitet Privredna akademija u Novom Sadu, 47-62.
- [11] Arnautović, I., Davidov, T., Nastić, S. & Popović, S. (2022). Značaj donošenja racionalne poslovne odluke top menadžmenta u poljoprivrednim preduzećima u Republici Srbiji, Poljoprivredna tehnika, 1-8.

- [12] Majstorović, A. & Popović, S. (2015). Revizija poslovanja poljoprivrednog preduzeća, Računovodstvo, 1: 77-85.
- [13] Tamas-Miškin, S., Vitomir, J., Dragosavac, M., Medan, N., Radaković, M., Vitomir, G., Davidov, T. & Popović, S. (2022). The significance of archiving documentation and assessment quality of archiving financial documentation given by top managers, Economics of Agriculture, Year 69, No. 4, 2022, (pp. 949-1252),
- [14] Popović, S., Vitomir, J., Tomaš-Miskin, S., Davidov, T., Nastić, S., Popović, V., Popović, D., Vitomir, G. (2021). The importance of a realistically determined amount of tax on property rights relating to the ownership of agricultural land in the Republic of Serbia adopted by tax authorities of local selfgovernment units, Ekonomika poljoprivrede, Economics of agriculture, Vol.LXVIII, 4: 1029-1042.
- [15] Popović, D., Vitomir, J., Tomaš-Miskin, S., Davidov, T., Popović, S., Jovanović, M., Aćimić-Remiković, M., Jovanović, S. (2021). Implementation of internal control with reference to the application of it in companies operating on the principles of the green economy. Agriculture & Forestry, Vol. 67 Issue 2: 261-269.
- [16] Majstorović, A., Popović, S., Volf, D. (2015). Theory and politics of balance, second amended and supplemented edition, Novi Sad: Feljton.
- [17] Popović, S. (2015). Implementacija heterogenih rizika u radu interne revizije, Revizor 69: 7-19.
- [18] Popović, S., Anđelić, S., Dragosavac, M., Bakmaz, O., Nastić, S., Popović, D., Tubić, M. & Grublješić, Ž. (2024). Ocena vlasnika poljoprivrednih gazdinstava po pitanju primene softvera u poslovanju, sa ciljem unapređenja upravljanja, Agricultural Engineering, No. 2, 1-1.
- [19] Bakmaz, O., Dragosavac, M., Jestrović, V., Radaković, M., Davidov, T., Bjelica, B, Brakus, A., Popović, D., (2023). Management of plant production (narcissus l.) Through the application of non-standard growing methods in order to increase the financial value of production, Economics of Agriculture, Year 70, No. 2.
- [20] Popović, S., Anđelić, S., Dragosavac, M., Bakmaz, O., Nastić, S., Popović, D., Tubić, M. & Grublješić, Ž. (2024). Ocena vlasnika poljoprivrednih gazdinstava po pitanju primene softvera u poslovanju, sa ciljem unapređenja upravljanja, Agricultural Engineering, No. 2, 1-1.
- [21] Radović, M., Vitomir, J., Popović, S. (2021). KRETANJE DOKUMENTACIJE U SKLOPUREVIZIJSKOG IZVEŠTAVANJATOP MENADŽMENTA

- POLJOPRIVREDNOG PREDUZEĆA, *Poljoprivredna tehnika*, Print ISSN 0554-5587
Online eISSN 2406-1123 UDK 631 (059), DOI: 10.5937/POLJTEH2101001V, 1: str. 47-53.
- [22] Popović S., Laban, B., Popović V., Jovin, S., Grublješić Ž. (2018). Management services with respect to the new approach pvc packaging in the agricultural enterprises with agro-ecological aspects, *Poljoprivredna tehnika*, Godina XLIII, Broj 3, Strane: 38–44.
- [23] Popović, S., Jovin S, Đuranović D, Popović V, Filipović V, Munitlak-Ivanović O, Grublješić Ž, Mijić R. (2017). The Importance of Planting Pot Marigolds (*Calendula officinalis* L.) in degraded public spaces from the agroecological and economic perspective. *Contemporary Agriculture*, 66(1-2)
- [24] Majstorović, A., Popović, S., Tošković, J., Macura, R., Aničić, J., Aničić, D. (2015) Improving the management of the company establishing mechanisms Internal control in Serbia, *Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series*, NR. 5/2015 ISSUE 5/2015, 5-10: 27-31.
- [25] Tomas-Miskin S., Vitomir, J., Popović, S. & Vitomir, G. (2022). Decision-making of Top Management and Internal Audit on the Issue of Archiving Documentation in Companies Founded by Local Government Units in the Republic of Serbia, *Lex Localis – Journal of Local Self-Government*, 20(4), 889 – 995.
- [26] Popović, S., Ivić, Lj., Đuranović, D., Mijić, M., Ivić, M. (2016). The importance of establishing a financial analysis in Serbia. *Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series*, 5/2016, 184-188, ISSN 2344 – 3685/ISSN-L 1844–7007.
- [27] Popović, S. (2016), Začaj interne revizije u fer vrednovanju Javnih preduzeća republike srbije, *Revizor* br. 74, str. 71-81.
- [28] Popović, S., Tošković, J., Macura, R., Aničić, J., Aničić, D. (2015), The importance of evaluation of risk management in business, *Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series*, NR. 5/ 2015 ISSUE 5/ 2015.
- [29] Popović, S., Eremić-Đorđić J., Mijić, R., (2014). Interna kontrola u funkciji menadžmenta, *Ekonomija-teorija i praksa* 2/2014, 74-85.
- [30] Aničić, J., Popović, S., (2015), Koncept ABC metode, prednosti i ograničenja u primeni, *Računovodstvo*, Br. 3/2015, str. 68-79.
- [31] Lekić, N, Vapa-Tankosić, J., Lekić, S., Vapa , B, Mandić , S. (2023). Intellectual capital and business performance in ICT companies, *Ekonomija - teorija i praksa* 2, 44-61

- [32] Puvača, N., Vapa-Tankosić, J., Ignjatijević, S., Carić, M., Soleša, D., Soleša, K. (2023). Consumer awareness of antimicrobial residues in drinking water. *Ekonomija - teorija i praksa*, XVI (1). 40-56. 10.5937/etp2301040P.
- [33] Čavlin, M. , Vapa-Tankosić, J., Mirković, Z. (2022) Analiza faktora finansijske i profitne pozicije u funkciji integrisanog upravljanja rizicima u sektoru rudarstva, *Ekonomija - teorija i praksa*, 15(3), str.56-73.
- [34] Lekić , N., Vukosavljević D., Vapa–Tankosić,. J.,Lekić, S., Mandić, S. (2021). Uticaj motivacionih faktora na organizacionu posvećenost zaposlenih u bankama, *Ekonomija – teorija i praksa* (1), 1-22.
- [35] Čavlin, M., Vapa-Tankosić, J., Egić, S. (2021). Perspektive sistema zaštite finansijske stabilnosti i prevencije rizika bankarskog poslovanja, *Economics - Theory and Practice*, XIV (3), pp. 109-126.
- [36] Prodanović, R., Ćirić, M., Ignjatijević, S., Đurić, K., Vapa-Tankosić, J., Egić. S. (2021). Analiza faktora od uticaja na konkurentnost domaćeg meda. *Ekonomija – teorija i praksa*, 14 (4); 73- 93.