

The International EFAL-IT BLOG

Information Technology *innovations in Economics, Finance, Accounting, and Law*
Volume 1 – Issue 7/2020 – Bacau (Romania)

Dubai, 25.07.2020

Management 4.0 – The impact of technologies in management organization

AUTHOR

Mr. Mohamed Yousif Khamis Al Naqbi
American University in The Emirates

ABSTRACT

Technological innovation is currently a determining factor in building the competitive advantage of each company. However, if in the first instance the transition towards innovative production systems seems to focus mainly on technological investments, the implementation of new technologies has a strong impact on the underlying organizational structure which must be renewed in order to deal effectively with change. It therefore becomes crucial to face the change through a holistic approach of digital transformation that takes into account the main macro-themes of a technological, productive and organizational matrix. It is therefore essential to identify the phases of the digital 4.0 transformation process up to the strategic and operational management that derives from it by transversally evaluating the technological, behavioural aspects and the analysis of the constraints. Through the study of the structural characteristics and the internal and external dynamics of the organization, the identification phase of the objectives to be achieved is approached in order to determine an action plan to innovate the strategies that takes into account the company's potential, the technologies implemented or to be implemented, the enhancement of human resources.

KEYWORDS

Management 4.0; technology; management organization.

REFERENCES

- Faccia, A. & Moşteanu, N. R. (2019). Accounting and Blockchain technology: from double-entry to triple-entry. *The Business & Management Review*, 10(2), 108-116.
- Faccia, A. & Moşteanu, N. R. (2019). Tax evasion - information system and Blockchain. *Journal of Information Systems & Operations Management*, 13(1), 65-74.
- Faccia, A. (2019, August). Data and Information Flows: Assessing Threads and Opportunities to Ensure Privacy and Investment Returns. In *Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing* (pp. 54-59).
- Faccia, A., & Mosco, D. (2019). Understanding the Nature of Accounts Using Comprehensive Tools to Understand Financial Statements.
- Faccia, A., & Mosteanu, N. R. (2019). Accounting and blockchain technology: from double-entry to triple-entry. *The Business & Management Review*, 10(2), 108-116.
- Faccia, A., Al Naqbi, M. Y. K., & Lootah, S. A. (2019, August). Integrated Cloud Financial Accounting Cycle: How Artificial Intelligence, Blockchain, and XBRL will Change the Accounting, Fiscal and Auditing Practices. In *Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing* (pp. 31-37).
- Faccia, A., Moşteanu, N. R., Cavaliere, L. P., L. & De Santis, G. (2020). The rise of online banks in Italy "WIDIBA Bank" Case Study. *Financial Markets, Institutions and Risks*, 4(2).
- Faccia, A., Moşteanu, N. R., Fahed, M. & Capitanio, F. (2019). Accounting Information Systems and ERP in the UAE. In *Proceedings of 3rd International Conference on Cloud and Big Data Computing*.
- Faccia, A., Mosteanu, N. R., Fahed, M., & Capitanio, F. (2019, August). Accounting Information Systems and ERP in the UAE: An Assessment of the Current and Future Challenges to Handle Big Data.
- Moşteanu N. R., Faccia, A. (2020). Digital Systems and New Challenges of Financial Management – FinTech, XBRL, Blockchain and Cryptocurrencies. *Quality-Access to Success Journal*, 21(174), 159-166.
- Moşteanu N. R., Faccia, A., Ansari A., Shamout, M. D. (2020). Sustainability Integration in Supply Chain Management through Systematic Literature Review. *Quality-Access to Success Journal*, 21(176), 117-123.

The International EFAL-IT BLOG

Information Technology *innovations in Economics, Finance, Accounting, and Law*
Volume 1 – Issue 7/2020 – Bacau (Romania)

- Moşteanu, N. R., Faccia, A. & Cavaliere, L. P. L. (2020). Digitalization and green economy - changes of business perspectives. In Proceedings of 4th International Conference on Cloud and Big Data Computing (ICCBDC), Liverpool, UK, August 26-28, 2020. Forthcoming
- Moşteanu, N. R., Faccia, A. & Cavaliere, L. P. L. (2020). Disaster Management - Digitalization and Financial Resources - important factors to keep the organization ongoing. In Proceedings of 4th International Conference on Cloud and Big Data Computing (ICCBDC), Liverpool, UK, August 26-28, 2020. Forthcoming
- Mosteanu, N. R., Faccia, A., Ansari, A., Shamout, M. D., & Capitanio, F. (2020). Sustainability Integration in Supply Chain Management through Systematic Literature Review. *Calitatea*, 21(176), 117-123.
- Mosteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). The newest intelligent financial decisions tool: fractals. A smart approach to assess the risk. *The Business & Management Review*, 10(2), 89-97.
- Moşteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). Fractals- A Smart Financial Tool to Assess Business Management Decisions. *Journal of Information Systems & Operations Management*, 13(1), 45-56.
- Moşteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). The newest intelligent financial decisions tool: fractals. A smart approach to assess the risk. *The Business & Management Review*, 10(2), 89-97.
- Mosteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). Fractals–A Smart Financial Tool to Assess Business Management Decisions. *Journal of Information Systems & Operations Management*, 45-56.
- Petratos, P., & Faccia, A. (2019, August). Accounting Information Systems and System of Systems: Assessing Security with Attack Surface Methodology. In Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing (pp. 100-105).