

Approaches to Assessing the Sustainability of Business Development

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Abstract

This article conducts a thorough analysis of elements related to the theme of "organizational development sustainability." It primarily explores various methods of assessing this concept and their application in analyzing the impact of strategic initiatives on organizations during the transition to sustainable development. The work begins with a review and analysis of existing theoretical models, definitions, and approaches to the sustainability of organizations. Throughout the analysis, different scientific methods used to study this topic are identified and evaluated, including their merits and limitations. The focus is on exploring alternative scientific methods for defining organizational sustainability, offering a unique author's definition that underscores the complexities in its interpretation. The article emphasizes the need for continued in-depth research in this area, especially in terms of expanding evaluative criteria and parameters. The importance of considering qualitative indicators and diverse aspects of sustainable development is highlighted. The presented analysis and directions for future research can serve as a basis for forming strategies and recommendations for organizations aspiring to sustainable development under modern conditions.

Keywords: Sustainable Development, ESG (Environmental, Social, and Governance), Sustainable Development Management System.

Introduction

In the present era, marked by increasing economic and geopolitical instability, the task of developing strategies for the sustainable development of organizations becomes especially significant. Shifting conditions present new challenges to businesses, affecting economic connections and generating fresh tasks for organizations. In this volatile environment, companies face difficulties caused by fluctuations in the macroeconomic landscape, increased risks, and the impact of external factors.

For companies, maintaining sustainable financial growth and improving economic indicators becomes a critical task. Market environment volatility can negatively affect the profitability and financial health of enterprises, necessitating the development and implementation of strategic decisions to adapt to current economic circumstances.

A particular challenge in the context of economic fluctuations is the task of maintaining market positions amid intensifying competition, which increases the risks of market share loss. In these conditions, deliberate management and a focus on stable development become key aspects during periods of economic shocks and global changes.

Tools aimed at ensuring sustainable development play a significant role as they help to form systems conducive to long-term progress and adaptation to changing conditions. The application of

such tools allows companies to minimize risks, maintain stability, and strengthen their competitive positions.

A key element of enterprise sustainability is its ability to solve fundamental tasks, including maintaining financial stability. Financial stability is necessary for fulfilling commitments and ensuring the continuity of business processes, while its lack can lead to serious problems, including bankruptcy [1].

Sustainable development of organizations encompasses not only ensuring financial stability and rational resource management but also meeting the needs of customers, which underpins long-term market success. It is important to recognize that the concept of sustainable development evolves in accordance with current conditions and context. Particularly, in conditions favorable for business growth, the focus of sustainable development shifts towards maintaining this growth, underscoring the importance of adapting strategies to the unique circumstances and goals of the enterprise.

Research Findings

Since the early 1990s, Uzbekistan has undergone a series of significant transformations in institutional and economic spheres, stimulating the development of the corporate sector, including large industrial enterprises and joint-stock companies. This sector has become key to the country's economic progress [2]. Despite notable successes and positive changes, the theme of sustainable development remains relevant for businesses, especially in the context of economic uncertainty. Companies face multiple tasks, among which maintaining economic effectiveness and strengthening market positions are crucial for their long-term prosperity.

In the contemporary business environment, where competitive advantage depends on product innovation and progressive technologies, leaders pay attention to these aspects. However, such a strategy may lead to internal complexities, including increased operational costs and decreased operational efficiency.

Implementing sustainable development at both individual enterprise levels and within the entire national economy is crucial, requiring quality control systems, certification procedures, and the use of advanced technologies. In a highly competitive environment, it's critical to continuously improve strategic management to ensure effective functioning in various aspects of activity.

The interpretation of the concept of sustainable development varies among authors. One interpretation sees it as an organization's ability to meet the demands of all stakeholders at a high quality level [3]. Meanwhile, other researchers define sustainable development as a process of continuous business improvement, taking into account external factors and social responsibility. They also emphasize that active participation of companies in social and environmental initiatives, as well as effective management of natural resources, contributes to better market outcomes [4].

The importance of understanding organizational sustainable development as the ability to implement operational and strategic plans while minimizing potential risks is also emphasized [5]. This approach underscores the need for adaptation and proactive response to changing conditions.

The significance of sustainability in both daily operational activities and in the context of long-term strategic planning is highlighted, underlining the importance of harmonizing a company's growth with market development trends to achieve sustainable progress [6].

At the current stage of transformation, many organizations have made significant contributions to understanding and developing the concept of sustainable development. They view it as a continuous management process that flexibly adapts to changing market conditions and promotes growth and development of organizations. Particular attention is paid to the importance of efficient resource allocation, adherence to environmental standards, and social responsibility as key factors in achieving sustainable development.

In the global scientific community, there is an active discussion about creating a universal indicator for assessing the sustainability of organizations. These discussions have led to the development of a

system of key performance indicators, now used as a standard methodology in modern economic research.

Key aspects and metrics of organizational sustainable development can be identified by integrating the latest scientific achievements in this field (Figure 1).

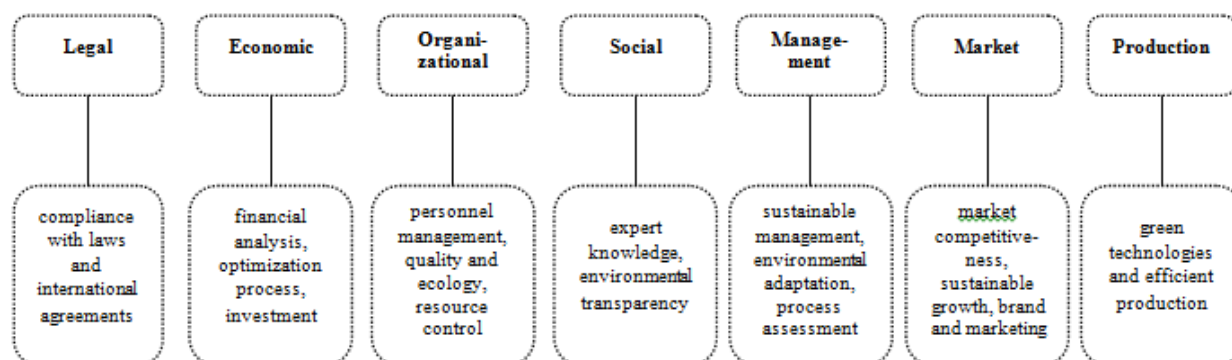


Figure 1 - Criteria for ensuring a sustainable evolutionary process of the organization

Quantitative metrics, such as economic and production indicators, often fail to capture the full picture of a company's sustainable development. This underscores the importance of qualitative analysis, which includes a wide range of factors such as human capital, effective resource utilization, and interaction with the macro-environment. It is also important to consider less obvious elements, such as innovation activity and social responsibility [7].

Several studies emphasize the development of an integrated method for assessing all operational processes of an organization, which will contribute to objective conclusions about its sustainable development. This method entails identifying and optimizing potentially vulnerable aspects of company activities.

Organizations in the country operate in an economic environment with adaptive systems, ensuring stability even in macroeconomic fluctuations. This necessitates a comprehensive approach to assessing sustainable development in this region. Companies operating within certain managerial processes must consider both quantitative and qualitative indicators, as well as their ability to adapt to changes in the macro-environment [8].

Moreover, it's important to consider the impact of global economic trends, including globalization, mergers and acquisitions, intensified competition, and inefficient resource use, which increase organizational dependency and can lead to unforeseen consequences. In this context, it's crucial to develop sustainable and viable long-term organizational development models, requiring a revision of strategic approaches to development, considering both national economic specifics and global challenges [9].

The assessment of an organization's sustainable development should not be limited to quantitative indicators alone. It's noted that traditional notions of stability are insufficient for a deep understanding of sustainable development. In this context, the "goal tree" methodology is proposed for visualizing and comprehensively analyzing the process of achieving sustainable development.

Organizations focus on meeting investor needs, and investors evaluate organizations considering their social responsibility, environmental and social indicators, and management efficiency [10]. Widely used ESG ratings help assess these aspects. However, to more fully reflect sustainable development aspects, it's necessary to expand the list of indicators in the "goal tree" methodology.

Illustration 2 presents a hierarchy of goals related to ensuring an organization's sustainable development. At the top of the hierarchy is the main goal – achieving long-term development of the organization. This requires coordinated and highly efficient work of all subsystems and components of the organization.

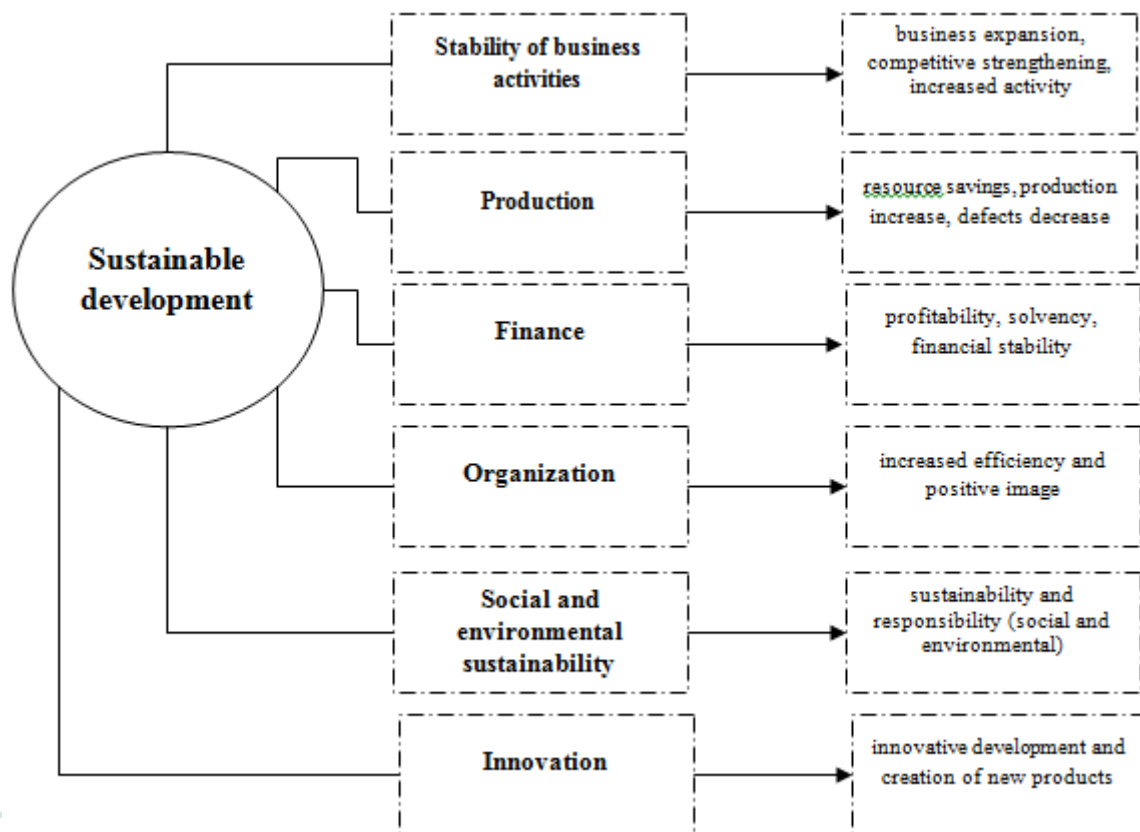


Figure 2: Tree of goals for sustainable development of an organization (author's composition based on research and experience)

According to ESG standards, there are three main systems: environmental, social, and governance. However, as illustrated, the sustainability of an organization within ESG criteria depends on numerous established goals for the corresponding subsystems. The scheme also accounts for financial, production-technical, innovative, and commercial subsystems, each contributing to overall sustainability. These subsystems form the second level of the goal hierarchy.

At the third level, specific business goals of the organization, part of the sustainable development strategy, are presented. These goals include more detailed tasks and steps aimed at achieving broader objectives.

This goal structure represents an integrated model demonstrating mechanisms for achieving the main goal - "Ensuring the sustainability of organizational development." This goal is achieved through the interaction of various subsystems and components, including business processes. This structure implies that assessing the sustainability level of an organization becomes relevant only after achieving at least one of the sub-goals at the highest hierarchy level.

The article highlights the critical importance of solving key theoretical and methodological issues related to creating an information-analytical infrastructure to support sustainable development. The following researches are planned within this work:

1. Developing procedures for systematic data collection, processing, and analysis related to sustainable development is critically important. This includes developing data collection methods at different stages of implementing an organization's sustainable development strategy.
2. Creating a methodological approach to forming a balanced system of key indicators reflecting the unique characteristics of the organization and the specifics of its industry is also an important aspect. This system should provide a comprehensive assessment of the sustainable development level.

3. Developing an algorithm to assess the impact of various aspects of sustainable development on market activity and the organization's attractiveness to investors is crucial. This algorithm will help determine which elements of sustainable development have the most significant impact on economic efficiency and investor interests.

These researches aim to create a methodological base for an accurate and comprehensive assessment of organizations' sustainable development, which in turn will contribute to developing more effective sustainable development strategies and improving market competitiveness.

Sustainable organizational development is a multifaceted concept, encompassing aspects like commercial, production-technical, organizational, innovative, socio-environmental sustainability, and financial stability. Positive effects of achieving sustainable development include business expansion, increased competitiveness, stimulation of business activity, improved customer relationship management, resource optimization, increased productivity, reduced production defects and losses, increased profitability of operations, and ensuring financial stability of the organization. The article suggests recommendations and methods for strategic analysis and assessment of organizational sustainable development, which can help organizations systematically and comprehensively assess their level of sustainable development, identify vulnerabilities, and develop strategies for achieving a higher level of sustainability. Assessing sustainable development is an essential tool for modern organizations seeking long-term success and sustainability in a changing economic environment.

Analysis and systematization of scientific researches can significantly deepen the understanding of the functioning of the enterprise development management system. This system includes many aspects, including economic, social, and the organization's interaction with the external environment.

The organizational structure of a company, its internal components, and managerial processes play an important role in forming and improving the development management system. Continuous information updates, adaptation to changing conditions, and interaction with external institutional and economic mechanisms become key elements of a successful development management system [11].

In different phases of business development, strategic and corporate management play an important role in forming interaction models between various organization components. This not only improves internal connections within the organization but also identifies necessary mechanisms for achieving sustainable development [12]. Developing and effectively implementing an organizational development strategy requires continuous monitoring and adaptation to changing market conditions and the external environment.

Концепция устойчивого развития организации может быть математически выражена как:

$$dF(L, K, N, I)/dt \geq 0,$$

where $F(L, K, N, I)$ represents the function of sustainable development. In this context, L represents the resources of the organization, K – means of production and artificial capital, N – natural resources, and I – a factor related to management aspects.

This equation demonstrates that maintaining and increasing a specific aggregate production potential is an integral condition for achieving an organization's sustainable development.

In the field of accounting organization, it is recognized that the accounting process is a complex series of actions directed at processing information related to economic operations to enhance the productivity of the enterprise. As the management system of the organization evolves, the principles of the accounting process can also change. In this context, the following principles can be identified for preparing information for managerial decision-making:

1. Recording real events and economic processes by summing their characteristics and attributes, including collecting and aggregating data to provide a complete representation of occurring events and phenomena.
2. Registering information about the parameters and properties of economic processes in the information base, implying systematic documentation of all relevant details and variables defining these processes.
3. Identifying differences in processes that may affect standards and working conditions, including analyzing and evaluating processes for significant changes or anomalies.
4. Timely comparison of new data with existing information in the database, requiring constant updating and verification of data to ensure the relevance and accuracy of stored information.

These principles contribute to more effective use of information in making managerial decisions and ensure the accuracy and relevance of data in the accounting system.

The principles described above form the foundation of an information base that facilitates informed managerial decision-making in an organization. They emphasize the importance of transforming the accounting process into an interactive accounting technology capable of registering and collecting information about various aspects of economic events in a unified information database. This technology also allows for the collection of operational, tactical, and strategic information within the economic, social, and environmental activities of the organization (ESG).

When analyzing the accounting process in an organization, it is important to distinguish between technological methods used for processing information and methodological procedures that define the goals and objectives of the organization. Operations associated with observation, perception, measurement, and registration of processes, both within and outside the enterprise, form the basis of the technological component of the accounting process.

These activities contribute to optimizing the structure of the accounting process, improving interaction, determining the location of performers, and establishing regulations for business processes. Methodological actions are aimed at integrating the technological aspects of accounting operations into the management system, ensuring the unification of information flows within the economic activity, and creating a unified information environment in the accounting system. As a result, the accounting process influences the overall management system, facilitating tasks of collection, registration, aggregation, control, comparison, and decision-making.

The impact of systems theory on ensuring an organization's sustainable development should be emphasized. The concept of sustainable development encompasses achieving a system of goals, including financial, technical, market, and social aspects. This is a complex task that involves many aspects, including economic, social, and environmental factors, and requires the creation of an integrated and balanced management system.

Conclusion

In the contemporary model of organizational management, there is a shift in focus from a narrow goal, such as profit maximization, to a more comprehensive approach where sustainable development becomes the main direction. Economic factors, including financial stability, continue to play a key role, but are now perceived within a broader range of economic sub-goals. These sub-goals serve to achieve overall strategic tasks and contribute to the sustainable growth of the organization.

An organization represents a complex system with numerous interrelated subsystems, each impacting its overall success and sustainability. In this context, a deep and comprehensive analysis is required for an adequate assessment of organizational sustainability. Such analysis should include not only quantitative but also qualitative aspects, covering various sides of the organization's activities and impact.

Qualitative characteristics of organizational sustainability, such as informal institutional ties, including collaboration with other organizations, participation in open events, and the exchange of knowledge and experience, should be integrated with economic criteria for analysis. This multidisciplinary approach will allow for a fuller understanding of the factors influencing the overall sustainability of organizational development, considering both quantitative and qualitative aspects of its functioning.

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