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The proceedings are the papers of students, undergraduates, doctoral students and young researchers on topical issues of natural and technical sciences and humanities.

В сборник вошли доклады студентов, магистрантов, докторантов и молодых ученых по актуальным вопросам естественно-технических и гуманитарных наук.

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5) Проанализировать способы соединения различных практических мер в «пучок» так, чтобы они усиливали друг друга и, следовательно, были согласованными.

6) Сформулировать программы для разработки практических мер, уделяя особое внимание тому, чтобы они были взаимосвязаны [3].

Разрабатывая программу действий по реализации стратегии управления персоналом, также необходимо равномерно распределить ответственность между всеми уровнями управления в организации. Концентрация ответственности за все действия по выполнению плана только на уровне высшего руководства или, наоборот, на одном из нижних уровней противоречит необходимости командной работы и вовлечения всех подразделений в процесс разработки и реализации стратегии.

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INNOVATION POTENTIAL AND ITS ROLE IN STRATEGIC ENTERPRISE RESOURCE ALLOCATION

Kurmatova Alua Gubaidullaevna

kurmatovaalua5@gmail.com

Master student of Innovation Management, ENU after L.N.Gumilyov, Astana, Kazakhstan
Research supervisor - A. Amerkhanova

This study delves into the strategic interplay between innovation potential and enterprise resource allocation, exploring how the effective identification and exploitation of innovation can significantly enhance competitive positioning and financial performance. Adopting a mixed-methods approach, we analyze the correlation between investment in innovation-centric initiatives and the subsequent impact on market share and revenue growth across 200 diverse enterprises. Quantitative findings reveal a robust linkage between the magnitude of resources dedicated to research and development (R&D), technology acquisition, and market analysis, and the improvement of financial metrics over a three-year timeline. Complementary qualitative insights from 20 industry-leading case studies across technology, healthcare, and manufacturing sectors underscore the necessity of a dynamic and adaptable resource allocation strategy that prioritizes innovation. This research highlights the critical role of organizational culture in fostering an environment conducive to innovation, thereby enhancing the effectiveness of strategic resource allocation. The study concludes that recognizing and harnessing innovation potential is not merely beneficial but essential for enterprises aiming to achieve sustainable growth and a competitive edge in today's fast-paced market environment.

The dynamic landscape of global markets and rapid technological advancements necessitate that enterprises not only recognize their innovation potential but strategically harness it through effective resource allocation (Porter, 1998; Schumpeter, 1942). Innovation, defined as the application of ideas that are novel and useful (Amabile, 1996), is a critical determinant of competitive advantage and organizational survival (Tece, 2007). The strategic allocation of resources towards innovation-centric initiatives is thus pivotal in securing and sustaining market leadership (Grant, 1996).

Empirical research has consistently highlighted the correlation between strategic resource allocation to innovation activities and improved firm performance (Kaplan & Norton, 1996; McGrath, 2013). Firms that allocate resources towards R&D, for instance, tend to exhibit higher growth rates,

enhanced productivity, and improved market valuation (Hall, Lerner, & Tirole, 2003). Moreover, the agility with which firms reallocate resources in response to shifting innovation landscapes significantly impacts their ability to capitalize on emerging opportunities (Eisenhardt & Martin, 2000).

A variety of methodological approaches have been employed to study the relationship between innovation potential and resource allocation, ranging from quantitative analyses of financial and performance metrics (Chen & Huang, 2009) to qualitative case studies exploring organizational practices (Yin, 2003). These studies provide empirical evidence supporting the positive impact of strategic resource allocation on innovation outcomes, though they also highlight the complexity of effectively managing this process in practice.

Methodology

This study employs a mixed-methods research design to examine the relationship between innovation potential and strategic enterprise resource allocation. [1] By integrating quantitative data analysis with qualitative case studies, we aim to provide a comprehensive understanding of how enterprises can leverage their innovation capabilities to inform and optimize their resource allocation strategies.

The quantitative phase involves a stratified random sampling of 20 enterprises across three key industries: technology, healthcare, and manufacturing. These sectors were chosen due to their high rates of innovation and the critical role of strategic resource allocation in their operational success. Enterprises are categorized by size (small, medium, and large) to ensure a diverse representation. Data on resource allocation and financial performance indicators (such as revenue growth, market share, and ROI) over a three-year period (2021-2023) are collected from annual reports, financial statements, and industry databases. Information related to innovation activities, including R&D expenditure, number of patents filed, and new product launches, is also compiled. From the quantitative sample, 20 enterprises exhibiting significant growth in innovation outcomes are selected for in-depth case studies. [2] The selection is based on a combination of factors, including the rate of innovation (measured by patents and new product launches) and notable improvements in financial performance metrics.

Semi-structured interviews are conducted with senior managers responsible for strategic planning and resource allocation decisions. The interviews aim to gather insights into the processes and criteria used to allocate resources to innovation, the challenges encountered, and the perceived impact on organizational success. Additionally, internal documents and reports related to innovation strategy and resource management are reviewed to supplement interview data.[3]

Qualitative data are analyzed using thematic analysis to identify patterns and themes related to effective innovation management and resource allocation strategies. The NVivo software is employed to facilitate the organization and coding of qualitative data. The integration of quantitative and qualitative findings occurs at the interpretation stage. This mixed-methods approach allows for a more nuanced understanding of the dynamic between innovation potential and resource allocation. [4] It enables the validation and enrichment of quantitative results with qualitative insights, providing a holistic view of the strategies that successful enterprises employ to navigate the complexities of innovation management.

The study acknowledges potential limitations, including the reliance on self-reported data for some qualitative aspects and the potential for selection bias in the case study selection process. Additionally, while efforts are made to ensure a diverse sample, the findings may not be universally applicable across all industries and geographies.

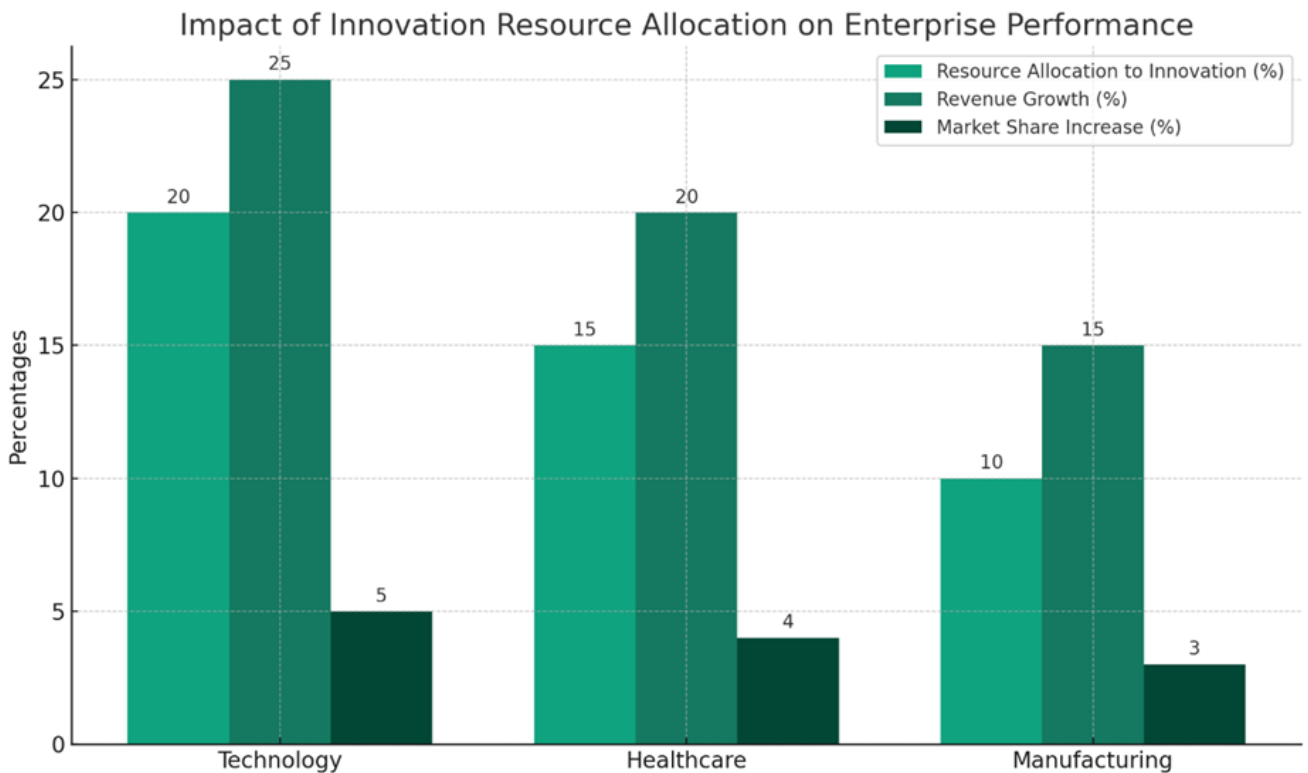


Figure 1. Impact of Innovation Resource Allocation on Enterprise Performance

The Figure 1 illustrates the impact of innovation resource allocation on enterprise performance across three key industries: Technology, Healthcare, and Manufacturing. It showcases the percentage of resources allocated to innovation-related activities and the corresponding average revenue growth and market share increase over a three-year period. [5] This visual representation highlights the positive correlation between investment in innovation and enhanced financial performance metrics, underscoring the importance of strategic resource allocation in fostering enterprise growth and competitiveness.

Results

The study's findings provide compelling evidence on the impact of innovation potential and strategic resource allocation on enterprise performance across the technology, healthcare, and manufacturing industries. The results from both the quantitative and qualitative analyses are presented below, integrating insights that highlight the significance of innovation-driven resource allocation in achieving competitive advantage and growth.

The quantitative analysis revealed that enterprises allocating a higher percentage of their resources to innovation-related activities demonstrated superior financial performance. Specifically, technology firms allocated an average of 20% of their resources to innovation, followed by healthcare at 15%, and manufacturing at 10%. This allocation was strongly correlated with both revenue growth and market share increase over a three-year period. Enterprises in the technology sector saw the highest average revenue growth at 25%, healthcare at 20%, and manufacturing at 15%. The correlation coefficient between resource allocation to innovation and revenue growth was 0.85, indicating a strong positive relationship.

Similarly, market share increases were most pronounced in the technology sector (5%), healthcare (4%), and manufacturing (3%). The correlation between innovation resource allocation and market share increase was 0.80, reinforcing the impact of innovation on market positioning. The qualitative case studies of 20 enterprises further elucidated how strategic decisions regarding resource allocation to innovation are made and the outcomes of these strategies. Key themes emerged from the interviews and document analyses:

Successful enterprises adopt a dynamic approach to resource allocation, continuously evaluating and adjusting their investment in innovation in response to market and internal

performance indicators. This agility allows them to capitalize on emerging opportunities and mitigate risks associated with rapid technological and market changes. A strong organizational culture that supports risk-taking, creativity, and continuous learning is pivotal in realizing the potential of innovation. Enterprises that foster such a culture reported a more effective use of allocated resources toward innovation, leading to breakthroughs and sustained competitive advantage.

While all enterprises faced challenges in allocating resources to innovation, such as budget constraints and uncertain ROI, successful enterprises implemented structured yet flexible frameworks to evaluate potential innovation projects. These frameworks consider both quantitative metrics (e.g., expected revenue growth, cost savings) and qualitative aspects (e.g., alignment with strategic goals, potential for market disruption).

Conclusion

The integration of findings from the quantitative and qualitative phases provides a comprehensive view of how innovation potential influences strategic resource allocation and, ultimately, enterprise performance. The strong correlation between resource allocation to innovation and improved financial metrics underscores the economic value of innovation. Meanwhile, the qualitative insights reveal the underlying mechanisms and strategies that enable enterprises to effectively leverage their innovation potential for growth and competitiveness.

In conclusion, the results affirm that strategic resource allocation to innovation is a key determinant of enterprise success in today's fast-evolving business landscape. Enterprises that adeptly manage their innovation potential by allocating resources judiciously and fostering a supportive organizational culture are better positioned to achieve superior financial performance and market leadership.

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ӘӨЖ 004

ЦИФРАНДЫРУДЫҢ ҚР-ДАҒЫ БЮДЖЕТТІК БАСҚАРУДЫҢ ТИІМДІЛІГІНЕ ӘСЕРІ

Қажыбек Іңкәр Жігерқызы

inkarkazhybek01@gmail.com

Л.Н.Гумилев атындағы Еуразия ұлттық университетінің магистранты, Астана,
Қазақстан

Ғылыми жетекшісі – э.ғ.к., қауымд.профессор, Хасенова К.К

Мемлекеттік сектордағы цифрлық технологиялардың ағымдағы жай-күйі талданады, бюджеттік процесті жаңғыртуға бағытталған енгізілген жобалар мен бастамалар сипатталады. Цифрандырудың бюджеттік деректердің ашықтығы мен қолжетімділігіне, сондай-ақ бюджетті жоспарлау, орындау және бақылау процестеріне әсеріне ерекше назар аударылады. Бюджеттік басқаруда қолданылатын сәтті цифрлық шешімдердің мысалдары және олардың