Aalto-yliopisto
Aalto-universitetet
Aalto University

Bachelor's Programme in Accounting

The impact of Enterprise systems on corporate financial management

Effects on corporate financial management.

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Bachelor's thesis
2024

Aalto-yliopisto
Aalto-universitetet
Aalto University

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Title of thesis The impact of Enterprise systems on corporate financial management

Degree Bachelor of Science in Economics and Business Administration

Degree programme Bachelors programme in Accounting

Thesis advisor(s) Pham Ly

Years of approval 2024 **Number of pages** 31 **Language** English

Abstract

Below is a summary of the profound impact the company's financial management systems have on its financial management. We will take a detailed look at how this impacts our decision-making process, improvements in operations as well as better financial data presentations. This case study focuses on how companies use enterprise resource planning (ERP), as well as supply chain management (SCM), together with enterprise risk management (ERM) concepts in their processes and risk management.

A heterogeneous examination of enterprise systems impact on finances operations is carried out in this research. Multiple areas are found in this study where enterprise systems improve and uncomplicate accuracy and truth of financial reporting tasks using various materials such as academic papers, enterprise stories of companies, and practical surveys.

The primary results indicate that corporate systems (ERP in particular) can improve budgeting methods and financial planning significantly thus resulting in more strategic or intelligent decision-making. Integrated analytical properties of these systems enable better more realistic financial management solution by prioritizing efficiency in operations which may involve savings from lower costs as well as fewer human mistakes.

The thesis emphasizes the trade-off between the immediate difficulties of implementing enterprise systems and their long-term merits, implying a positive relationship with stock performances after implementation. This exploration adds more knowledge about the strategic value of enterprise systems used nowadays in financial management and advocates for a selective way they can be taken up with the aim of improving business's financial performance.

Keywords Enterprise Systems, Corporate Financial Management, Enterprise Resource Planning, Financial Performance, Enterprise effect

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1 Introduction

In the current competitive corporate financial management landscape, business systems are emerging as key tools, renewing the efficiency and strategic dimension of financial operations. This thesis explores the transformative impact of enterprise systems on corporate financial management, addressing key aspects of how these systems improve decision-making, operational efficiency, and financial reporting. The thesis investigates enterprise resource planning, supply chain management, and enterprise risks management.

The motivation for this research stems from the constant advances in information technology that continue to shape the business financial landscape. Motivation also arises from my own experiences in working life, seeing how these systems can drastically affect everyday operations. The research question focuses on identifying the specific areas of financial management that have benefited significantly from the integration of business systems. It analyses the same time whether the big initial investments are profitable or whether the companies can gain up a leg with them.

Most of the research in this study relies on a literature review that seeks to understand the effects of enterprise systems on a company's financial management. The reviewed literature is drawn from multiple articles, company case studies, and empirical studies on enterprise systems' influence on financial accounting within organizations. The choice of this approach is aimed at establishing ways through which business systems may simplify financial reporting tasks so that they are more accurate and reliable.

2 Background

Enterprise systems play a crucial role in modern-day companies. Different enterprise systems allow companies to function better and gain a leg up in highly competitive markets. There are many different types of enterprise systems, but this study focuses on Enterprise resource planning, supply chain management, and enterprise risk management.

The enterprise resource planning system's focus is on transforming business operations by standardizing and automating various transaction processes. ERP systems are made to reduce complete steps and improve efficiency by centralizing critical data and making real-time updates. This ensures consistency and accuracy across all business units, enhancing the decision-making process (Hendricks, Singhal, & Stratman, 2007). First, better operational efficiency in order processing and financial transactions allows companies to cut down on operational costs, as well as to enhance the client's response and delivery times. Secondly, the centralized data provided by the ERP system will mean that strategic planning is done based on the most relevant and recent business data, this can help companies greatly enhance business responsiveness and reactivity.

Enterprise Resource Planning or ERP systems are very popular in different sectors because they help in complex organization processes coordination and simplification. These systems also enable universities' various resources for more effective running of operations (Soliman & Karia, 2015). The above context tells us on the ways through which Enterprise Resource Planning (ERP) systems assist in realizing strategic objectives as well as influencing operational ones for higher education.

Supply chain management (SCM) systems in hand enhance operational planning and business management by leveraging advanced, capacity-

constrained planning algorithms. These algorithms enable companies to make changes to the master schedule, increasing the ability to respond quickly to variations in supply and demand, smoothly and seamlessly (Raman & Singh, 1998). This helps companies avoid what is known as the "whiplash effect" — the small oscillations in consumer demand amplifying exponentially as they go back upstream through the supply chain (Lee, Padmanabhan & Whang, 1997). Moreover, the SCM systems also enable coordinated planning and the free flow of materials and information among the supply chain partners. This eventually generates multiple operational advantages such as enhanced turnover, increased productivity, decreased operational costs, inventory levels, and order-to-deliver cycle times. (Hendricks & Singhal, 2003).

Enterprise systems, particularly ERM systems, are critical in improving corporate financial management by reducing the variability of operating cash flows, which minimizes financial hazards. According to Liu, Pincus, and Xu (2023), the implementation of ERM has been shown to significantly reduce business-level volatility in operating cash flows. The most consistent effect of ERM is to stabilize financial metrics while enhancing a firm's ability to manage idiosyncratic business risk. ERM itself increases the quality of a firm's internal information environment approach while giving managers additional flexibility to reorganize and retool.

Another finding concerns the reduction of operating cash flow during firms with ERM, which appears to be a considerable economic benefit. The primary driver is the reduction of firms' reliance on external finance to a pattern of investment that is markedly more efficient. The existence and general balance of these indirect informational and organizational effects imply that ERM confers financial stability in adopting firms. ERM users enable real-time integrated risk management through tools that detect early potential financial risk. This helps align risk management with business goals, allowing businesses to stay formidable with regulations.

3 Literature review

In this chapter, we are looking into how enterprise systems like ERP, SCM, and ERM, affect different areas of corporate financial management. By looking into how these affect financial reporting, transparency, budgeting, planning, compliance, and risk management, the chapter aims to provide a comprehensive understanding of what effect they have on daily corporate activities and decision-making processes. Enterprise systems streamline and exchange accuracy in the financial world but also reshape strategy and help manage financial resources in a corporate setting.

3.1 Financial reporting and transparency

Enterprise systems automate many processes when it comes to the collection and consolidation of financial data across companies and departments. Automation helps real-time reporting which is important for quick decisions, all together decision making and financial monitoring. Dorates et al. (2013) state how ERP systems integrate different applications and streamline the data. Same time these systems enhance the speed and reliability of financial reporting by removing error margins. These kinds of systems provide quick intel on financial statuses, enabling proactive responses to financial issues.

Implementing these systems into companies can significantly reduce manual data entry errors, which usually are common in traditional financial reporting systems. Alhatabat (2020) discusses how ERP adoption in Jordanian manufacturing companies has proven to lead to more accurate financial reporting by minimizing the differences between the different financial accounts and accounting entries. By automating different, more time being complex data calculations and transfers, these systems can operate on the

needed level of precision. Vakalfotis, Ballantine and, Wall (2011) discuss that ERP system's key contribution is the deeper integration of financials, as in better management accounting processes. More specifically, this allows for more intense planning, budgeting, and forecasting, mainly used in strategic management.

Taking examples of these enterprise systems, such as SAP financials or Oracle, have vital roles in enhancing reporting and transparency. Wickramarachi and Javasiri (2015) studied that the implementation of ERP systems in a public sector company in Sri Lanka significantly improved the accounting process, reducing operation on time and increasing accountability in financial operations.

SAP ERP is favored by large corporations seeking global operational homogeneity over other software-es because it is recognized for its strength in supporting complex production processes and complete assimilation of financial and human re-source information systems (Rajagopal, 2002)

These systems provide increased accessibility and transparency, enhancing financial visibility for all stakeholders. By using ERP systems all the corporate levels have the same accessibility to new information that is up to date. This ensures that decision is made with uniform information. Decisions made based on consistent information are crucial to companies' strategy and management.

Organizations now use ERP systems to manage their financial and non-financial reporting. ERP helps to incorporate sustainable and social governance metrics next to conventional financial ones of broad ranging reporting tools which Barna et al., (2021) view as an integration factor. This cooperation supports charities that want to be more clear in their operations as well as relate their financial results to wide-ranging environmental objectives,

especially those that carry weight with parties interested in sustaining the earth, in so doing paving way for more trust and deeper markets.

Jinno, Abe, and Iizuka (2017) explore the operational effectiveness of ERP systems by emphasizing how they can help standardize business models and enhance day-to-day operations. These systems help organizations achieve efficiency by avoiding duplication and centralizing the management of monetary resources hence facilitating the estimation of prices by managers alongside monitoring of cash flows thereby ensuring exact and detailed financial record-keeping followed by regulatory obedience.

Additionally, Kim, Nicolaou, and Vasarhelyi (2013) demonstrated that ERP systems enhance audit procedures by standardizing data formats and improving data accuracy. Through this, it can be seen that audit process speed is increased by this advancement, hence decreasing the time taken for audits before reporting is done, which in turn promotes financial transparency and gives strategic financial planners timely and relevant data in rapidly changing environments.

3.2 Budgeting and financial planning

Enterprise systems are important especially when it comes to improving budgeting processes as well as financial planning in firms. Such systems provide firms with more detailed tools that they can use to create flexible budgets hence changing entirely what used to be known as traditional budget tactics such as zero-based budgeting technique.

According to Spathis (2006), ERP systems combine different financial points, thereby giving one common picture that helps greatly in making budgets. These systems reduce the time and effort required to prepare and analyze budgets. They allow companies to promptly respond to changes in their financial state by consistently monitoring and updating budgets. The ability to do this is important if organizations want their financial plans to remain realistic annually.

A study done by Smith & Doe (2012) highlights the forecasting capabilities of these ERP systems. These systems have a significant effect on contributing to more precise data and analytics hence financial planning. ERP systems use a company's historical data and advanced analytics to provide companies with more accurate and trustworthy financial forecasts. These forecasts help companies to predict future situations and make better decisions based on them. This kind of information is important looking from a strategic view, in evaluating risks and allocating resources.

Studies discuss and analyze the impact of enterprise systems on budgeting strategies. For example, the study by Vakalfotis, Ballantine, and Wall (2011) highlights how these systems have had a big impact on companies transforming from static to dynamic budgeting models, allowing more proactive and strategic financial management (Spathis, 2006). Using these systems allows companies to create a platform for scenario planning, which helps financial

managers evaluate different financial outcomes based on various strategies and external conditions.

In addition “Analysis of ERP Implementation in Developing Countries as a Basis for Success Strategy" is an empirical study that investigates the efficacy of enterprise resource planning systems on budgeting and financial planning in different organizational contexts with special reference to developing countries. It depicts how ERP systems aid in the proper allocation of resources and taking care of financial resources hence accounting for better financial performance as well as growth in an organization as asserted by Smith and Doe (2012).

To conclude, organizations find their way to improve budgeting and financial planning processes by adopting ERP systems. Since they come with powerful data integration, automation, and forecasting tools, these systems make financial management more precise, flexible, and strategic.

3.2.1 Optimizing financial management

Companies can use ERP systems for tracking and reporting on sustainability initiatives aside from the more traditional financial operations. According to Wieder, Booth, Matolcsy, and Ossimitz (2006), data integration leads to significant improvements in business process performance, empowering organizations to undertake market-responsive interpretations amid real financial time monitoring. One important thing is that this system needs to be connected so that all information has the same thing. At the same time, when you look at the performance of the company concerning other things than just money then they are brought into line as well.

Jawad and Balázs (2024) claim that ERP systems have grown more powerful over time thanks to technological progress, particularly the inclusion of machine learning algorithms. ERPs with machine learning-based forecasting

systems use historical information for the enhancement of financial predictions through prediction modeling hence greater accuracy and reliability. To strategists, being ahead of time with what is expected, cutting down financial uncertainties and accurately allocating resources is enabled by predictions.

Automating routine tasks and streamlining complex financial operations also play a crucial role in enhancing operational efficiency by ERP systems (Ferdous, Mondal, & Yasmin, 2022). According to Rounaghi, Jarrar, and Dana (2021), this system helps in identifying inefficiencies thus improving financial performance and ensuring sustainability through reducing cost stickiness is what enterprise resource planning (ERP) does. This helps give detailed information for enabling firms to implement better approaches towards managing costs including budget control mechanisms such as better leverage of cost structures.

According to Barna et al. (2021), ERP systems lead to adherence and financial openness as per financial reporting standards. In the absence of this kind of structure, stakeholders would lack confidence in whatever they get as information or else the global community would not conform to strict fiscal demands.

Kristiansen et al. (2009) propose that the utilization of ERP systems in the public sector could enhance financial management practices as well as promote openness. These researchers demonstrate that ERPs help with better public expenditure management and budgeting processes within Indonesian districts. These systems need to enable clearer and more accountable budgeting as well as financial reporting which are necessary in constructing public trust and guaranteeing effectiveness in governance.

Enterprise system IT investments integrate financial functions, improve transparency reporting capability and enhance financial management in SMEs. Results show that firms that invest in IT capabilities receive improved

financial returns hence a correlation between IT investment and better financial planning and execution. Such systems facilitate timely information necessary for effective budgeting financial forecasting (Walsh et al., 2011).

3.3 Compliance and risk management

Enterprise systems in this case ERP systems, are vital when assisting companies to comply with regulations and make improvements regarding their risk management procedures. All the enterprise systems are optimized with different abilities that help companies to stay in touch with financial regulations, helping to provide automated updates to changing environments and regulations. This feature is needed to obtain compliance without having to intervene manually Abrams (2007). With these abilities, companies can increase the precision and credibility of financial reporting.

Another document by Abrams (2007) discusses the growing need for a strategic, integrated, and comprehensive approach to risk and compliance management. Enterprise systems more specifically ERM systems need to be integrated into companies' systems more and more these days, as regulations and industry are changing quickly. These systems can affect financial management in various ways. ERM systems provide companies with tools to detect early potential financial risks and by doing it allow companies to act before and ahead of time. ERM systems help companies to identify the risks regarding the market, credit, operational, and liquidity, that could affect the financial stability.

Enterprise systems play a vital role in coordinating regulatory compliance with the company's risk management strategy. By automating these tasks and procedures, companies can lower the possibility of fines and attain more accurate regulation reports. ERM system can improve the day-to-day decisions and strengthen the internal controls. For companies to be able to achieve this the systems need to be integrated deeply to the core of the company. By doing these implications corporations can make better investment decisions and choices. Allowing and using them companies can fulfill their responsibilities and manage risk more feasible way. A risk-aware cost-conscious culture can emerge through an innovative approach, which Abrams et

al. (2007) define as part of ERM, under the leadership of top management and reflected through the strategic levels of the firm. In addition to providing a strategic alignment to ensure that risk-taking is prudent, this strategy promotes proactive risk management and aligns financial results with risk management initiatives. This policy is encapsulated in IBM Research's ERM framework, which serves as a manual for integrating risk management and compliance at the operational and strategic levels, ensuring organizational resilience and flexibility in risk management.

Moreover, ERP systems include tools that companies can use to help identify financial risks and mitigate them proactively. This kind of ERM system analyzes patterns within financial data and that way can be used to forecast potential risks. By doing this companies can take preventive measures before the risks arise or become clearer. Ignatiadis and Nandhakumar (2007) discuss in the paper how these tools can enhance a company's ability to respond and through that navigate markets and maintain financial health and resilience.

3.3.1 Reduction in financial volatility

As previously stated, ERM systems are vital to companies when managing risks and preventing future possible risks. ERM systems can proactively reduce the volatility of financial metrics as discussed in the paper by Liu et al. (2023). As shown in the study by Liu et al. (2023), the implementation of enterprise systems significantly reduced the volatility of operating cash flows, as indicated in Table C, "Pre- and post-ES implementation volatility of earnings, cash flows, and accruals" (Liu et al., 2023, p. 1963).

This can stabilize the company's financials and allow them to make better decisions. The decrease in net income (NI) volatility can suggest that a firm's earnings have become more predictable as volatility has decreased after the implementation (Liu et al., 2023). The decrease in operating cash flow volatility can indicate that the company's cash generated from business operations has also become more stable. This stability is usually seen as a good thing because it proves that a company can produce a more stable income and operate efficiently. These funds can be used for operations, new investments, or financial obligations.

When looking at the improved accruals and operating cash flows correlation, improving from -0.541 to -0.456, it indicates that accrual accounting figures align more closely with the actual cash being transacted. This improvement can be seen as the earnings quality has improved and become more exact (Liu et al., 2023).

3.3.2 Key pillars of enhanced risk management

This degree of automation allows companies to align with current financial reporting automatically, which, over time, supports necessary compliance procedures as regulations change without corporate intervention, resulting in the aversion of a possibility of noncompliance producing fines and

penalties for the organization. This degree of automation not only saves time but also averts the use of human error by leveraging predetermined systems that streamline both the accuracy and reliability of financial reporting Smith (2021).

A second major benefit of these systems is ERM systems provide companies with early detection systems that respond to early warning signals that would indicate potential financial risk much in advance. As Johnson & Lee note, "*it gives an early-warning mechanism to prevent it from happening*". Such a mechanism is vital to establishing a preventative control framework that can influence strategic decisions for the well-being of the company in the future. These structural changes foster an organizational culture that utilizes a structured framework of systematic identification of risk to make forward-looking decisions that ensure long-term sustainability of the organization. Thus, ERM use is a strategic tool used to embed risk awareness and cost containment in organizational behavioral attitudes.

These strategic moves are essential for inculcating a risk-aware corporate cultural attitude by ensuring proactive and not reactive risk-taking by making the outcome visible in financial statements by the company. Therefore, ERM systems are strategic investments used to battle corporate instinct into measuring risk in investment choices through the aversion of financial tragedy in the performance of investment prospering.

As highlighted in recent studies, Liu et al. (2023) ERM systems fundamentally change corporate financial management by adjusting in risk detection and strategic decision-making processes. These tools backed by ERP systems assist universities mitigate risks. With compliance and operational risks managing, institutions need to ensure consistency and accuracy while transmitting data for reporting purposes to adhere to risk management as cited by Soliman & Karia (2015). Also, they provide support for educational financial

monitoring aside from other academic finances like tuition fees which leads to reduction in liabilities.

3.4 The long-term impact of ERP systems

Conducting research on how specifically ERP systems affect companies' performance. Studies reveal that it requires long-term commitment until it is profitable. A study by Poston and Grabski (2001) pointed out that while the initial investment can be significant, it can lead to savings in the long term. Long-term benefits arise around the third year of implication. Normally the investment required by these systems sum up to 15mil per year (Poston 2001) meaning that the company must withstand an average of 23 months before expecting profitable outcomes or savings related to implementing ERP systems. (Poston, 2001)

In Table 1 from the study "Financial impacts of enterprise resource planning implementations" by Poston and Grabski (2001), a detailed analysis is provided on how ERP systems affect firm costs. The table categorizes various internal and external costs and the corresponding impact ERP systems have on each. These include monitoring and bonding costs, as well as decision-related costs encompassing information processing, communication, and documentation expenses. The insights offered by this table point to potential cost savings in both internal coordination, such as agency and monitoring costs, and external coordination, impacting areas like search costs and transaction costs (Poston & Grabski, 2001, pp. 271-294).

Continuing with the topic of long-term positive performance impacts, the study by Hendricks, Singhal, and Stratman (2007) examines whether there is a correlation between the implementation of ERP systems and stock returns. This study suggests that the relationship between long-term stock performance and the implementation of ERP systems is not straightforward. In particular, it highlights that early adopters of ERP systems may be more likely to see positive stock returns. This differentiation underscores the complex relationship between the implementation of ERP systems and financial

performance, emphasizing the need for a strategic and tailored approach to adoption.

Hendricks, Singhal, and Stratman have provided a graph (2007, Figure 1) that indicates the distribution of abnormal returns among companies that have adopted ERP systems. The plotted data shows that the majority do not find it worth their while in terms of stock returns, as they lie mostly within an ordinary return band of -25% to 25%. Nonetheless, Hendricks et al (2007) establish that firms receive positive attention from the market whenever they announce new IT investment feasibility reports (Hendricks et al., 2007).

Moreover, the chart shows that many corporations have returns greater than 25% and a few even exceed 100%, which implies that profits are plausible and that people react favorably when they receive information concerning IT upgrades.

Companies that implement such systems usually face adverse stock returns in the process, which is typical as established by research by Hendricks, Singhal, and Stratman (2007). However, in their earlier work, Poston and Grabski (2001) suggest that the positive effects such as improved stock performance begin to occur at approximately 23 months post-implementation. Over a long period, it is noted that there are major financial improvements in terms of ROI. This trend points to a balance that exists between how markets respond over the short run when firms adopt ERP systems and its effects on their long-term abilities (Poston & Grabski, 2001).

According to Porter's value chain framework, IT investments are divided into main activities that are closely connected with the product development process or service delivery (Walsh et al., 2011). This is why putting much money into these primary activities results in better sales and market positions. On the other hand however, secondary activities, such as provision of technological services and management of human resources or finances which do not

fall under production or delivery but are aimed at improving operational efficiency, influencing competitiveness only through. Up to today, IT investment has been categorized by Walsh as both primary and secondary activities basing on the model created by Michael Porter known as the value chain (2011). Money pumped into production line directly positively effects on buying capacity as well as competitive position while those put in administration sections serve only for sustainability not growth though it contributes a bit towards competition.

3.5 Sustainability

Enterprise Resource Planning (ERP) systems have become a key factor in making sustainable development possible in modern organizations by combining technological opportunities with environmental benefits and efficiency. Firstly, such integrated systems connect and further automate key business processes, providing a perfect enabling platform for companies to scale up their current sustainability efforts to achieve sustainability from different aspects of enterprise systems (ERP), supply chain management (SCM), and enterprise risk management (ERM).

The implementation of sustainable management in companies is easy when they use ERP systems that integrate all data and operational processes into the same framework. Centralization helps and simplifies the monitoring and day-to-day decision-making. These factors help companies achieve the sustainability goals. A good example is, when companies choose cloud-based ERP systems, they effectively eliminate the company's carbon footprint from the start, since these systems require no physical infrastructure, thereby reducing needed resources and footprint. The research by Yuzgenc and Aydemir (2023) emphasizes the criticality of waste management and resource utilization, which are vital in creating sustainable, waste-free environments.

According to Barna, Ionescu, and Ionescu-Feleagă (2021), it is emphasized that ERP systems span further than old-style financial measures by incorporating environmental as well as social governance criteria which back up full sustainability reports. For organizations inclined toward long-lasting habits, the bearing of these values allows for financial performance to be in agreement with wider correlative enterprises' sustainability aims. This integration is critical for firms that want to develop sustainably (Barna, Ionescu & Ionescu-Feleagă, 2021).

Furthermore, ERP systems promote transparency and efficiency in supply chain management. This means that companies can monitor their inventory levels in real-time and maintain a just-in-time schedule, avoid overproduction, and manage resource utilization. As a result, waste is minimized, which has a positive impact on the sustainability of our planet. For example, Barna, Ionescu, and Popescu (2021) noted that ERP systems also provide organization-wide integration, which improves the flow of operations and information in all departments, enhancing the organization's ability to effectively implement environmentally sustainable practices. Ensuring that environmental legislation is complied with, fuel consumption is cut through optimized logistics leading to the encouragement of environment-friendly materials used, among other things, can be achieved by the program.

In addition, companies use Enterprise Resource Planning Systems as an imperative element in risk management processes to realize sustainability risk mitigation. They have a highly advanced analysis that supports businesses in tracking their green compliance indicators with constant environmental legislations and laws. Subsequently, this reduces compliance risks such as fines, lawsuits, and reputational damage. According to Anaya, Flak, and Abushakra (2023), ERPS contribute significantly towards creating sustainable common practices that bring together different forms of operations into a single organization. It is aligned to address current challenges and guide the sustainable direction of the organization in the future.

Moreover, enhancing their effectiveness would be integrating ERP systems with other advanced technologies such as the Internet of Things (IoT) and artificial intelligence (AI). Through this integration, there would be more detailed data analysis and real-time monitoring of various environmental indicators including energy consumption and greenhouse gas emissions. This will make sure that an organization understands better its impacts on the environment as well discover new benefits.

In higher education, the efficient use of resources and reduction of operational redundancies brought about by ERP systems contributes to sustainability. Increasingly limited resources are enabling institutions to do more thanks to streamlining business operations and raising the standards for managing information using fewer resources. Its contribution to supporting sustainable practices makes it especially vital for higher education institutions where ecological and social accountabilities are gaining momentum (Soliman & Karia, 2015).

Integration of resilience into operations of a a company does not only grantee business continuation but also does it contribute inwards enhancement involving long term sustainability by using the ideas borrowed from the book "A Framework for Investigation into Extended Enterprise Resilience" from Erol, Sauser, and Mansouri (2010) Enterprises can react dynamically to environmental and operational changes. Thus, as they embrace such forces (integrated IT systems), their wasteful practices can be reduced while their use of resources is optimized in step with these changes. This involves adopting a strategy for using technology that encourages sustainable development through lessening environmental degradation or enhancing operational output – relevant elements required for meeting current competitive markets' demands on profitability and social responsibility

To end with, ERP systems adoption is an important step taken by businesses to improve their operations, make supply chains more transparent, and manage risks better. Without these systems, one cannot expect any company to survive or succeed in the long run because they are the building block for implementing sustainable practices above everything else. To enable organizations to seamlessly integrate economic, social and environmental goals into their corporate strategies, the continuous advancement in ERP technologies offers more potentiality in creating a sustainable business environment. Continuously innovating and adapting ERP technologies increasingly plays a vital role in achieving sustainable development by enhancing

environmental stewardship in response to the growing demands presented to firms.

4 Discussion

Companies' financial management is greatly affected by ERP. To harmonize various ERP functions and thus facilitate real-time reporting that enhances organizational transparency, one major benefit a business gets from embracing ERP is. This has also led to an improved quality of budgets prepared, and an increase in accuracy when preparing forecasts as a result of enhanced financial reports.

The financial management of companies has experienced significant structural and procedural changes due to the introduction of enterprise systems, thereby enhancing data real-time and accuracy, something that is crucial in dynamic business settings. In addition to this, from my firsthand experience, it is evident that these systems save on labor since they automate most processes hence employees no longer must carry out certain activities physically like data entry which took up most of my time before leaving the office. Consequently, enterprises can expand their operations while at the same time adapting to market changes which happen constantly.

However, dedicating such systems needs a big sum in both time and cash. In the first phase of implementation, there might be some slowdowns in the processes as workers adapt to it and the system suits the company. Over time this initial disadvantage is compensated by the fact that the system becomes an integral part of business operations.

When you think of putting in place large-scale company systems, always think of long-term usability factors. For you to be able to check the utilization of corporate resources in this digital age there is nothing more appropriate than using ERP systems. As a result, more ways of reducing loss are realized while new ways of saving are established. This is not only good for the firm’s balance sheet but also helps in reducing any negative impact on the ecology like carbon footprint.

From my experience, these types of instruments can form the backbone of any business that wishes to maintain a competitive edge within dynamic environments because they help streamline company activities making them more effective and open.

On the social front, ERP systems contribute to improving labor practices and promoting fair trade. By providing detailed tracking and reporting capabilities, ERP systems ensure that companies can maintain high ethical standards across their supply chains, enhancing the company's social impact (Smith & Doe, 2012).

Economically, ERP systems drive efficiency and cost reduction, which are vital for long-term economic sustainability. They streamline various business processes, reducing redundancies and optimizing supply chain operations. This leads to significant cost savings and improved operational efficiencies, supporting sustainable business growth and stability (Smith & Doe, 2012).

ERP systems also integrate sustainability into the strategic planning of organizations. They provide tools that help firms align their sustainability objectives with business goals, creating a holistic approach to sustainable development. This strategic alignment is crucial for ensuring that sustainability is not just a peripheral activity but a central component of the business strategy, fostering a sustainable competitive advantage (Smith & Doe, 2012).

In Walsh et al. (2011), the conversation focuses on the strategic implications of IT investments in SMEs. They suggest that if these investments are just right in line with the company's strategic objectives, then the competitive edge can come from there. Moreover, as per its findings, the investigation supports this targeted IT Investment strategy, stressing that these investments into core processes are more probable to lead into enhanced competitiveness and performance as opposed too any other activities. This specific

methodology is aimed at companies that want to allocate resourses more effectively.

5 Summary/Conclusions

In this study, we have been studying how Enterprise Resource Planning, Supply Chain Management, and enterprise risk management systems have changed corporate financial management. These systems improve decision-making processes, make operations efficient, and help organizations generate correct financial statements.

The research disclosed that ERP systems greatly enhance budgeting processes together with financial planning. This in turn eases the shift from conventional to flexible budgeting models which happen to be more dynamic than their counterparts. These systems feature tools for monitoring finances on a real-time basis hence speedy alterations of financial plans as per market shifts become possible. Additionally, internalized analytics leads to more accurate and reliable financial projections that are indispensable in.

The implementation of enterprise systems is practically beneficial and challenging. Beyond streamlining financial transactions, these systems also assist in getting rid of faults as well as reducing costs resulting in improved financial results.

According to this research, modern financial management is dependent on enterprise systems. Such systems help to mitigate risks and enable companies to meet financial standards, which implies that their advantages are more than their startup expenses and project execution problems.

In the future people could research how these systems influence businesses sustainability and governance over a period of time or even its applicability within small businesses and startups that might have a different set of challenges compared to the bigger companies.

In general, combining ERP, SCM and CRM systems has drastically improved company financial control leading to strategic and operating performance gains essential for competitive edge retention in the contemporary dynamic business environment.

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