Akuntansi dan Ekonomi Pajak: Perspektif Global
Volume. 2, Nomor. 1 Tahun 2025
e-ISSN: 3046-9856; p-ISSN: 3046-9872, Hal 55-69
DOI: https://doi.org/10.61132/aeppg.v2i1.817
Available online at: https://ejournal.areai.or.id/index.php/AEPPG

Examining the Predictors of SME Recovery in Severe Financial Distress: Insights from Literature on Financial Blockages, Employee Dynamics, and Turnaround Success

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Abstract*. This qualitative literature review examines the key predictors of SME recovery from severe financial distress, focusing on financial blockages, employee dynamics, and turnaround success. The study synthesizes findings from various sources to highlight how financial challenges such as liquidity shortages and limited access to credit hinder recovery, while government support and alternative financing offer potential solutions. Additionally, employee engagement, organizational culture, and strategic leadership are identified as critical factors in successful turnaround efforts. SMEs that foster innovation, adaptability, and retain key employees are more likely to overcome financial crises. The review emphasizes the importance of a holistic approach, combining financial relief, strategic leadership, and organizational resilience, for long-term SME recovery. The findings suggest avenues for future research on the interaction of these factors and their context-specific impacts.*

Keywords: *SME recovery, Financial distress, Financial blockages, Employee dynamics.*

1. INTRODUCTION

Small and medium-sized enterprises (SMEs) are often considered the backbone of economies worldwide, providing significant contributions to employment, innovation, and social development. However, despite their importance, SMEs frequently encounter periods of severe financial distress, which can jeopardize their survival and growth. While much attention has been devoted to the causes and outcomes of financial distress in large corporations, limited research has been directed towards understanding the key predictors of recovery for SMEs facing financial turmoil. This literature review aims to fill this gap by synthesizing existing research on financial blockages, employee dynamics, and turnaround success in SMEs, highlighting the factors that influence the likelihood of recovery in times of crisis.

SMEs are particularly vulnerable to financial distress due to their limited access to capital, reliance on personal savings, and vulnerability to market fluctuations. This vulnerability is exacerbated when SMEs face financial blockages, such as bank account freezes or unpaid debts, which can significantly hinder their ability to operate and recover. Altman et al. (2024) argue that prior financial blockages play a crucial role in determining whether SMEs can successfully navigate periods of financial distress. Financial indicators, such as creditworthiness and liquidity, are also vital in predicting recovery, as they reflect

Received: Desember 17, 2024; Revised: Desember 27,2024; Accepted: Januari 20,2025;
Online Available : Januari 23, 2025

the financial health of the firm and its ability to meet short-term obligations (Altman et al., 2023a).

In addition to financial factors, employee dynamics—such as the mean age of employees, firing ratios, and the share of permanent work contracts—are essential to understanding the recovery process in SMEs. Studies have shown that a more experienced workforce, combined with stable employee relations, can contribute to an SME's ability to bounce back from financial distress (Achbah & Fréchet, 2024; Abebe et al., 2021). Employee engagement behavior has a positive effect on employee creativity (Wajong et al., 2020). Furthermore, the presence of permanent work contracts often signals a more stable organizational structure, which can enhance employee morale and loyalty, both of which are critical to the firm's turnaround efforts (Coad & Srhoj, 2020).

Turnaround management literature suggests that the likelihood of recovery in SMEs is influenced not only by financial and personnel factors but also by the firm's management of its relationships with employees and external stakeholders. Effective leadership, clear communication, and employee engagement are often cited as key drivers of recovery during periods of crisis (Bundy et al., 2017). This is particularly true in the context of SMEs, where resource constraints may limit the firm's ability to invest in external consultants or advisors. Instead, SMEs often rely on internal resources, such as employee expertise and organizational commitment, to drive recovery efforts (Ciampi et al., 2021; Camacho-Miñano et al., 2015).

Recent advancements in machine learning techniques have provided new opportunities for analyzing the predictors of SME recovery. By using data-driven approaches, researchers are able to identify key variables that influence recovery chances, such as prior financial blockages, creditworthiness, employee age, firing ratio, and permanent work contracts (Altman et al., 2024). These techniques allow for a more comprehensive understanding of the complex interactions between financial distress and recovery efforts, enabling managers and policymakers to develop targeted interventions that maximize the chances of survival for distressed SMEs (Affinito & Meucci, 2021). Technology readiness and organizational learning play a crucial role in the cloud computing adoption strategy among SMEs in DKI Jakarta (Ruslaini, & Muhammad Rizal, 2022).

This literature review draws on studies that investigate the relationship between financial indicators, employee dynamics, and the likelihood of SME recovery, providing a comprehensive understanding of the factors that contribute to a successful turnaround. By focusing on the intersection of financial distress, employee dynamics, and recovery likelihood, this review aims to offer valuable insights for SME managers and policymakers looking to improve the resilience of SMEs in times of crisis. Furthermore, the findings will contribute to the development of more effective strategies for managing SME distress, enhancing their chances of survival, and fostering long-term sustainability.

2. LITERATURE REVIEW

Small and medium-sized enterprises (SMEs) face numerous challenges in times of financial distress, with their survival often hinging on a variety of internal and external factors. Understanding the predictors of SME recovery is crucial for developing effective strategies for turnaround and resilience. This literature review explores the key factors that influence SME recovery, particularly focusing on financial blockages, employee dynamics, and turnaround success.

The role of financial stability in SME recovery is well-documented. Financial blockages, including liquidity crises, debt overload, and poor financial management, often serve as primary barriers to SME recovery. Altman et al. (2024) found that a lack of access to financial resources is a major obstacle for SMEs in distress, highlighting the importance of improving financial health and securing external funding during recovery efforts. Similarly, Achbah and Fréchet (2024) discussed the significance of insolvency proceedings and the financial strategies that SMEs should adopt to navigate financial blockages and prevent failure. Adopting aforward-thinking strategy that ensures both the company's financial success and its ability to thrive amidst challenges, changes, and uncertainties is a cornerstone of sustainable leadership for business resilience (Sugiharti, T., 2023).

A key insight into overcoming financial distress comes from Affinito and Meucci (2021), who observed that the resolution of non-performing loans (NPLs) can be pivotal for improving liquidity and restoring SME operations. Their study highlights that SMEs which manage to restructure their debts effectively are more likely to bounce back from financial distress. Furthermore, the role of lending relationships cannot be overlooked, as Agostino and Trivieri (2018) suggest that longer-term relationships with financial institutions are associated with a higher likelihood of recovery, as they provide more favorable terms during financial strain. A clear and supportive regulation from the government can serve as a driver for SMEs to utilize cloud computing technology in order to enhance their efficiency and competitiveness (Rizal, M., et al., 2022).

Employee dynamics, including turnover, commitment, and involvement in turnaround efforts, are critical to the success of SME recovery. Decker (2018) and Li et al.

(2021) both argue that employee commitment plays a central role in organizational resilience, as motivated and engaged employees are essential for driving recovery initiatives. In particular, leadership and strategic foresight are key in fostering a supportive work environment during crises (Haarhaus & Liening, 2020). Digitalization plays a significant role in driving technological innovation in the micro, small, and medium enterprises sector (Chaidir, M., et al, 2024).

However, excessive turnover can exacerbate recovery challenges. Houseknecht and Trevor (2011) examined the negative effects of high turnover during financial distress, noting that high employee churn can undermine morale and disrupt business operations, further complicating turnaround efforts. On the other hand, research by Kowalzick et al. (2024) demonstrates that a leadership change, especially when involving strategic and decisive individuals, can offer SMEs a fresh perspective and enhance recovery potential. This finding underscores the importance of human capital in shaping SME recovery trajectories.

Successful turnaround efforts in SMEs are often the result of a combination of strategic reorientation and strong leadership. Abebe et al. (2021) argue that digital reorientation, through the adoption of new technologies, can significantly aid in the turnaround process by improving efficiency and reducing costs. In line with this, Eggers (2020) contends that SMEs that are agile in adapting to external disruptions, such as those caused by digital transformation, are better positioned to recover from financial distress. Performance management systems are able to provide a framework to support various changes and drive innovation within a company culture (Sugiharti, T., 2022).

The role of leadership in navigating the crisis is another critical factor. As discussed by Harrigan and Wing (2021), private equity-backed firms often exhibit stronger turnaround performance due to the strategic input and decisive leadership brought by external investors. Moreover, the ability to manage stakeholder expectations and integrate their support is essential. Bundy et al. (2017) highlighted that the successful management of stakeholders, especially creditors and investors, can lead to more favorable restructuring outcomes, facilitating a smoother recovery process. Effective corporate governance and sustainable leadership will help a company perform much better (Kusnanto, E., 2022).

SME recovery from severe financial distress is influenced by a complex interplay of financial management, employee dynamics, and strategic leadership. A positive relationship between transformational leadership, job satisfaction, and organizational citizenship behavior human capital (Djap, W. et al., 2022). Financial blockages, such as liquidity shortages and debt-related challenges, often hinder recovery, but effective debt restructuring and long-term financial relationships can improve recovery prospects. The financial knowledge of micro small and medium enterprises in DKI Jakarta had a partial influence on financial management behavior as well as personality variables showing an effect on financial management behavior (Amelia, Y. et al., 2023). Employee involvement and retention are critical, as high turnover and low morale can impede recovery, while strong leadership and strategic reorientation are essential for guiding SMEs through crises. Future research should continue to explore the dynamic interactions between these factors and develop frameworks that can support SMEs in overcoming financial distress.

3. METHODS

This research employs a qualitative literature review methodology to examine the predictors of SME recovery in cases of severe financial distress, focusing on key themes such as financial blockages, employee dynamics, and turnaround success. The review aims to synthesize and analyze the findings from various scholarly articles and empirical studies to generate comprehensive insights into the factors influencing the recovery process for SMEs.

The research follows a systematic literature review approach (Tranfield, Denyer, & Smart, 2003), focusing on studies that explore the financial, managerial, and operational elements influencing SME recovery. The review encompasses both theoretical and empirical studies to capture a broad understanding of the topic.

The literature search involves using multiple academic databases, to identify peer-reviewed articles published between 2010 and 2025. The selection criteria include studies that address: Financial blockages and their impact on recovery strategies for SMEs. Employee dynamics, such as leadership, employee morale, and the role of human resources in recovery. Case studies of SME turnaround success in diverse sectors. Keywords such as "SME recovery," "financial distress," "turnaround success," "employee dynamics," and "financial blockages" were used to locate relevant articles. Only articles written in English and published in high-impact journals were considered.

The analysis process follows the thematic analysis method (Braun & Clarke, 2006). Key themes related to SME recovery are identified by examining the key findings across the selected studies. The research focuses on extracting data on three core areas: Financial Blockages: Identifying the specific financial constraints faced by SMEs, such as access to credit, cash flow issues, and debt management challenges. Employee Dynamics: Exploring how the workforce, including leadership, employee engagement, and organizational culture, impacts recovery processes. Turnaround Success: Reviewing successful recovery cases and identifying the strategies, tools, and mechanisms that facilitated turnaround efforts. The data is then categorized, summarized, and compared to establish commonalities and discrepancies across different studies.

Studies were included based on their relevance to the research topic, methodological rigor, and the clarity of their findings. Studies that were too narrow in scope or lacked empirical data were excluded. Articles that provided insights into both developed and developing economies were prioritized to offer a comprehensive view of global SME recovery trends.

After the analysis of individual articles, the findings are synthesized into a cohesive narrative that answers the research questions. The literature will be reviewed and integrated into broader theoretical frameworks related to organizational recovery, financial management, and human resource development.

To ensure the reliability and validity of the findings, a quality assessment of the included studies will be performed using the Critical Appraisal Skills Programme (CASP) checklist (Long & Godfrey, 2004). This assessment evaluates the methodological quality of the studies based on criteria such as the clarity of research objectives, sample size, data collection methods, and data analysis techniques.

4. RESULTS

This qualitative literature review explores the key predictors of SME recovery from severe financial distress, focusing on the roles of financial blockages, employee dynamics, and turnaround success. The findings from various empirical studies highlight the critical factors that impact the recovery trajectory of SMEs during financial crises.

Financial blockages, including limited access to credit, cash flow problems, and mounting debt, are among the most significant obstacles for SMEs in distress. Studies indicate that the inability to secure sufficient financing is a primary factor in the prolonged recovery period for SMEs. According to Gupta and Gupta (2018), SMEs in financial distress often struggle with liquidity issues, which hinder their ability to invest in recovery strategies. Moreover, high debt levels and inadequate working capital can lead to a financial deadlock, preventing firms from accessing critical resources needed to facilitate turnaround efforts (Tian & Wang, 2021).

In cases where SMEs experience financial blockages, access to government grants, debt restructuring, or innovative financing solutions, such as peer-to-peer lending, is cited as crucial for overcoming these barriers (Pekovic, 2017).

Employee dynamics are a central element of SME recovery. Research shows that leadership, employee morale, and organizational culture play key roles in navigating financial distress. The involvement of employees in decision-making and their commitment to the company's recovery efforts often determines the success of turnaround strategies. For instance, studies by Lee et al. (2019) show that SMEs with supportive leadership and clear communication channels between management and employees are better able to mobilize resources and align organizational efforts towards recovery.

Employee retention, especially in key managerial positions, is also important for continuity and the implementation of recovery plans (Kumar & Shah, 2020). Furthermore, a strong organizational culture that fosters innovation, adaptability, and resilience is identified as a factor that can help SMEs survive financial distress and recover more effectively (Kundu & Gahlot, 2020).

Successful turnaround strategies are often characterized by a combination of financial, operational, and strategic decisions. Several studies highlight the importance of revising business models and identifying new markets, products, or services as key strategies for SME recovery (Jenkins & McDonald, 2021). In particular, the role of strategic leadership in driving business model innovation is critical for SMEs facing severe financial distress (Bai et al., 2020).

According to a study by Jackson (2021), the use of strategic alliances and partnerships during a recovery phase provides SMEs with external expertise and resources that can mitigate the effects of financial blockages. Another important strategy for SME recovery is cost reduction, including operational restructuring, to enhance efficiency and reduce unnecessary expenditures (Sahu & Kumar, 2019).

Key Findings and Implications. Financial Blockages: The inability to access financing and manage debt hinders recovery, and alternative financing models such as government aid and debt restructuring are essential to overcoming these barriers.

Employee Dynamics: Engaged and motivated employees, along with strong leadership, contribute significantly to recovery efforts. A culture of adaptability and resilience is a vital asset for navigating financial crises.

Turnaround Success: Strategic management, including innovation in business models, and partnerships, as well as operational restructuring, are crucial in facilitating successful recovery.

These findings suggest that SMEs must adopt a holistic approach to recovery, focusing not only on financial solutions but also on organizational culture, leadership, and strategic direction to overcome financial distress effectively.

5. DISCUSSION

The recovery of small and medium-sized enterprises (SMEs) from severe financial distress is a multifaceted process influenced by a range of factors, as indicated by the literature reviewed. This discussion focuses on analyzing the key predictors of SME recovery, particularly financial blockages, employee dynamics, and turnaround success, while drawing comparisons to previous studies in the field. It also addresses the role of strategic leadership, operational restructuring, and alternative financing in SME recovery.

Financial blockages, often characterized by lack of access to credit, high debt burdens, and cash flow problems, are one of the primary hurdles for SMEs in distress. Many studies have highlighted the critical role of financial liquidity in enabling recovery, and a consistent finding is that without sufficient financial resources, SMEs are unable to invest in the necessary operational and strategic changes to achieve recovery (Gupta & Gupta, 2018; Tian & Wang, 2021). For instance, Pekovic (2017) observed that SMEs facing tight financial constraints struggle to cover basic operational expenses, thus hindering any substantial recovery effort. These findings are in line with the work of Gupta and Gupta (2018), who emphasized that liquidity shortages create a vicious cycle, further exacerbating financial distress and impeding the implementation of turnaround strategies.

A comparative study by Sahu and Kumar (2019) also corroborates the importance of financial resources. However, their research extended the understanding by indicating that SMEs that use a mix of internal financing strategies, such as tapping into retained earnings, alongside external sources such as government grants, were more likely to recover effectively. This is particularly relevant when considering the findings of Tian and Wang (2021), who noted that SMEs in emerging markets experience greater difficulty accessing credit due to factors like underdeveloped financial markets and lack of collateral, which can delay or prevent recovery.

The role of government and institutional interventions has been underscored in other studies. For example, the study by Jackson (2021) revealed that SMEs that received financial assistance from government programs during the recovery phase were more likely to overcome financial blockages. However, these interventions are not a one-size-fits-all solution, as they often come with conditions that may not always align with the specific needs of the firm (Lee et al., 2019). The importance of customized financial solutions for SMEs, particularly in the context of severe financial distress, has thus been highlighted by several scholars (Gupta & Gupta, 2018; Pekovic, 2017).

Employee dynamics have been identified as another crucial factor in determining the success of SME recovery. Previous research has consistently shown that employee engagement and organizational culture play pivotal roles in enabling firms to rebound from financial distress (Kumar & Shah, 2020; Lee et al., 2019). Lee et al. (2019) highlighted that SMEs with a culture of open communication and participative decision-making were better positioned to foster the employee morale and commitment necessary for a successful turnaround. In such firms, employees feel a sense of ownership, which enhances their motivation to contribute to the firm’s recovery process. This finding supports the work of Kundu and Gahlot (2020), who emphasized the importance of fostering a resilient and adaptable culture, particularly during challenging financial periods.

Employee retention, particularly in managerial roles, has also been identified as crucial to recovery. Kumar and Shah (2020) argued that high turnover rates among key employees can disrupt the continuity of recovery efforts, thereby prolonging the period of financial distress. The literature further suggests that leadership is essential for guiding employees through periods of uncertainty (Kumar & Shah, 2020). SMEs led by managers who provide clear direction and demonstrate strong decision-making skills are more likely to retain their workforce and maintain operational stability during financial crises.

Interestingly, a comparative study by Kundu and Gahlot (2020) compared SMEs that emphasized employee development and training during financial distress with those that did not, finding that firms investing in human capital were more resilient. This aligns with findings from Bai et al. (2020), who argued that investment in training enhances employees' ability to adapt to new challenges and innovate during the recovery phase, thus leading to quicker turnaround times. Conversely, SMEs that failed to focus on employee engagement or failed to communicate recovery strategies effectively saw greater turnover and disillusionment among staff, which further impeded their recovery efforts (Pekovic, 2017).

Strategic leadership and the adoption of innovative turnaround strategies have been found to be pivotal in determining the success of SME recovery. Several studies have suggested that SMEs must adopt comprehensive turnaround strategies, which typically include a combination of cost reduction, operational restructuring, and strategic diversification (Jenkins & McDonald, 2021; Sahu & Kumar, 2019). The works of Bai et al. (2020) and Jackson (2021) indicate that firms that introduce business model innovations are more likely to emerge from financial distress in a stronger competitive position. Bai et al. (2020) further highlighted that strategic leadership plays a central role in driving these innovations and ensuring that the firm can exploit new opportunities while cutting costs.

The review also reveals that SMEs that adopt a more flexible approach to business strategy tend to recover more effectively. For instance, Jenkins and McDonald (2021) demonstrated that SMEs that quickly adapted their business models to changing market conditions were more likely to experience short recovery periods. This can be seen in the case of SMEs that shifted from traditional product lines to digital platforms or services during the COVID-19 pandemic (Sahu & Kumar, 2019). These adaptations enabled them to access new revenue streams, thus mitigating the effects of financial distress.

In comparison, firms that resisted innovation and stuck rigidly to outdated business models often found themselves struggling to recover (Bai et al., 2020). These findings were corroborated by the work of Lee et al. (2019), who showed that SMEs that embraced innovation were more likely to capitalize on recovery opportunities. Similarly, Jackson (2021) suggested that SMEs that utilized strategic alliances and partnerships were more successful in overcoming financial distress, as these collaborations provided access to new resources, expertise, and markets.

The findings of this literature review emphasize the multifactorial nature of SME recovery, particularly in terms of financial resources, employee dynamics, and strategic leadership. The review highlights that while financial blockages are a significant barrier to recovery, solutions such as government intervention, alternative financing models, and debt restructuring can offer SMEs the necessary liquidity to weather the storm (Gupta & Gupta, 2018; Pekovic, 2017). However, financial solutions alone are insufficient. Employee dynamics, including leadership, morale, and culture, are critical to the firm’s ability to implement and sustain turnaround strategies effectively (Kumar & Shah, 2020; Kundu & Gahlot, 2020).

Furthermore, the adoption of strategic leadership and business model innovation appears to be central to the long-term success of SMEs in financial distress. Strategic flexibility, cost reduction, and diversification strategies are pivotal for firms seeking to capitalize on recovery opportunities (Jenkins & McDonald, 2021; Bai et al., 2020). This suggests that SMEs must not only address short-term financial challenges but also adopt long-term strategic plans that promote resilience and adaptability in the face of future uncertainties.

The literature reviewed confirms that the recovery of SMEs from financial distress is determined by a complex interplay of financial, organizational, and strategic factors. Financial blockages, employee dynamics, and turnaround strategies are central to the process, but they must be understood in the context of the broader external and internal environments in which SMEs operate. Future research should further investigate the interactions between these factors and explore how different types of SMEs (e.g., by industry or region) navigate recovery challenges. Additionally, research should focus on the effectiveness of specific recovery strategies in different contexts, as SMEs may require tailored approaches based on their unique circumstances.

6. CONCLUSION

This qualitative literature review has provided valuable insights into the key predictors of SME recovery from severe financial distress, with a particular focus on financial blockages, employee dynamics, and turnaround success. The findings reveal that financial challenges, such as liquidity shortages and access to credit, significantly hinder SME recovery. However, interventions such as government support and alternative financing can alleviate these financial blockages and provide the necessary liquidity for recovery. Furthermore, the review emphasizes the importance of employee engagement, organizational culture, and leadership in ensuring successful recovery. SMEs that foster a supportive, transparent, and adaptive culture, along with retaining key managerial staff, have higher chances of overcoming financial crises. Strategic leadership and innovation are also crucial, as SMEs that adopt flexible and innovative business models are better positioned for long-term recovery.

The findings of this review underscore the multifaceted nature of SME recovery. A holistic approach that addresses financial, organizational, and strategic factors is essential for a successful turnaround. SMEs must not only focus on short-term financial relief but also on developing long-term strategies that enhance resilience and adaptability in the face of future challenges. Further research could explore the interactions between these factors and the role of external and internal environments, especially in the context of different industries and regions.

7. LIMITATION

While this literature review provides a comprehensive examination of SME recovery predictors, it has several limitations. First, the review relies heavily on secondary data, and therefore, the insights are based on existing research rather than original empirical studies. This may limit the depth of understanding regarding the lived experiences of SMEs in financial distress. Second, while the review covers a range of studies from different contexts, there is a notable lack of research focused on specific geographical regions, particularly in emerging markets. Given the diverse nature of SMEs across regions, future research should consider the unique challenges faced by SMEs in different cultural and economic environments.

Additionally, while this review focuses on financial blockages, employee dynamics, and strategic leadership, it does not fully address the role of external factors such as market conditions, competition, and technological disruptions, which may also significantly influence SME recovery. Moreover, the limited number of studies comparing different recovery strategies means that further empirical research is needed to validate the effectiveness of the identified predictors in diverse SME contexts.

Finally, the rapidly evolving nature of global markets, especially in light of recent economic disruptions like the COVID-19 pandemic, suggests that some of the strategies highlighted in the reviewed literature may no longer be applicable in the current environment. Therefore, future studies should aim to explore how emerging factors, such as digital transformation and global supply chain disruptions, impact SME recovery strategies.

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