

Beyond Balance Sheets: Redefining "Financially Distressed" for Effective Business Rescue

Victor Mwape

Zcas university

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ABSTRACT

This article examines the limitations of current business rescue frameworks, which rely solely on a company's balance sheet insolvency to identify financially distressed entities. This narrow definition overlooks companies with ongoing cash flow generation capabilities but burdened by high liabilities. Such companies, despite technical insolvency, may have the potential for successful turnaround. The article addresses this research problem by proposing a broader definition for "financially distressed." We explore the limitations of the current balance sheet test through a scenario where a company with positive cash flow might be excluded from rescue programs due to insolvency. Examining alternative approaches in South Africa and a key UK court case, the article proposes a revised definition that incorporates both a company's balance sheet health and its cash flow generation capabilities. This broader definition, we argue, would allow for the identification of a wider range of viable companies for rescue programs, ultimately leading to more effective business rescue efforts.

Keywords: Balance Sheet, Business Rescue, Cash Flow, Financial Distress, Insolvency

INTRODUCTION

The global economic landscape is a dynamic and ever-changing terrain. Businesses face a multitude of challenges, from market fluctuations and technological disruptions (Hitt, Keats, & Siqueira, 2018) to economic downturns and unforeseen events (Bloom, Reeves, Michel, & Buehren, 2012). In this environment, the ability to navigate financial difficulties and achieve turnaround becomes crucial for a company's survival (Sitkin & Coombs, 2003). Business rescue, a legal framework designed to facilitate the rehabilitation of financially distressed entities, emerges as a critical tool to prevent unnecessary liquidations, and preserve valuable economic activity (Wallace, Wand, & Davies, 2010).

This study aims to contribute to the body of knowledge in two key areas:

Academic Research: By examining the limitations of the current balance sheet insolvency test and proposing a broader definition of "financially distressed," this research adds to the ongoing debate on effective identification methods for business rescue frameworks. It builds upon existing literature that highlights the shortcomings of traditional insolvency measures (Frye, Breuer, & Alles, 2023; Lopez-Gracia & Sogorb-Mira, 2008).

Policy Development: The proposed broader definition can inform policymakers in Zambia and other jurisdictions seeking to refine their business rescue frameworks. A more inclusive approach can help ensure that viable companies are not excluded from rescue programs, ultimately leading to more effective interventions and economic benefits (Ajayi & Joekel, 2018).

At the heart of effective business rescue lies the accurate identification of companies on the brink of financial failure. A timely diagnosis allows for the swift implementation of rescue strategies, maximizing the chances of a successful turnaround (Duffy & David, 2009). Traditionally, the primary indicator of financial distress in

business rescue frameworks has been balance sheet insolvency. This definition focuses on a company's inability to meet its financial obligations as they fall due, often measured by a negative net asset value (liabilities exceeding assets) (Lee, Kim, & Kim, 2016).

However, a growing body of research and real-world examples highlight the limitations of relying solely on balance sheet insolvency. This narrow definition can inadvertently exclude companies from business rescue programs despite their potential for rehabilitation. Consider a company burdened by a significant historical debt load, perhaps due to past acquisitions or unforeseen market shifts (Moyer, McGuigan, & Rao, 2018). As Dutta & Kim (2023) point out in their cross-jurisdictional analysis of business rescue frameworks, such companies might be technically insolvent based on their balance sheet, but they could still be generating positive cash flow from ongoing operations. This cash flow could be used to service debt obligations over time, potentially allowing for a successful turnaround. Yet, under a strict balance sheet insolvency definition, such a company would be denied access to business rescue mechanisms.

This exclusion presents a significant drawback. Business rescue programs offer a structured approach to restructuring debt, negotiating with creditors, and implementing operational improvements – all vital tools for a company struggling with financial difficulties (Wallace et al., 2010). Denying access to these tools based solely on a static balance sheet snapshot can lead to the premature liquidation of viable entities, resulting in job losses, lost economic value, and disruptions to supply chains (Ajayi & Joekel, 2018).

Furthermore, the focus on balance sheet insolvency can incentivize companies to delay seeking help until their financial situation becomes truly dire. This can significantly reduce the chances of a successful turnaround, as rescue efforts become more complex and resource intensive (Duffy & David, 2009). A recent study by Frye et al. (2023) emphasizes the importance of early warning systems to encourage companies to seek intervention before financial distress becomes critical.

Therefore, there is a pressing need to move beyond the limitations of the traditional balance sheet insolvency definition. This article proposes a broader understanding of "financially distressed" that incorporates not only a company's static financial position but also its ongoing cash flow generation capabilities. By taking a more holistic view of a company's financial health, we can ensure that viable candidates for rehabilitation are not excluded from business rescue frameworks, ultimately increasing the effectiveness of these programs in preserving economic value and fostering business continuity (Dutta & Kim, 2023).

It is important to note that some legal precedents have acknowledged the limitations of a strict balance sheet insolvency test. For instance, the *BNY Corporate Trustee Services Ltd v Eurosail* [2013] UKSC 633

In the following sections, we will delve deeper into the limitations of the balance sheet insolvency test. We will explore real-world scenarios where this approach can lead to the exclusion of viable rescue candidates.

We will then explore alternative definitions used in other jurisdictions, such as South Africa's Corporate Insolvency Act No. 9 of 2017 (Republic of Zambia, 2017). This Act incorporates a broader definition of "financially distressed" that considers a company's ability to pay its debts as they fall due, alongside a likelihood of insolvency within a specific timeframe.

Furthermore, we will analyze the key UK court case, *BNY Corporate Trustee Services Ltd v Eurosail* [2013] UKSC 633. This case emphasized the importance of considering a wider commercial context when assessing financial distress. The court acknowledged that a company's ability to generate future cash flow should be a factor in determining its eligibility for rescue programs.

Finally, we will propose a refined definition for "financially distressed" that incorporates both balance sheet and cash flow considerations. This definition will be specifically tailored to the context of business rescue frameworks in Zambia, considering the existing legal framework (The Corporate Insolvency Act No. 9 of

2017) and potential best practices from other jurisdictions.

By examining these various aspects, we aim to demonstrate the need for a broader definition of "financially distressed" within business rescue frameworks. This broader approach has the potential to improve the effectiveness of rescue efforts in Zambia, ultimately leading to a more robust and competitive business environment.

This research is expected to contribute to both academic and policy-making spheres:

Academically: It will add to the ongoing debate on effective identification methods for financially distressed companies within business rescue frameworks.

Practically: The proposed definition can inform policymakers in Zambia as they seek to refine the country's business rescue framework. This can lead to more effective interventions and economic benefits.

We believe this research offers valuable insights not only for academics and policymakers in Zambia but also for practitioners and scholars interested in improving the effectiveness of business rescue frameworks globally.

The Current Definition of "Financially Distressed"

The Zambian framework for identifying financially distressed companies hinges on the Corporate Insolvency Act No. 9 of 2017 (Republic of Zambia, 2017). Section 2(1) defines a "financially distressed company" as one that is "likely to be insolvent within the immediately ensuing six months." This definition rests on the concept of insolvency, further explained in Section 2(1) as "a situation where the value of the company's liabilities exceeds the value of its assets."

In essence, Zambia's framework adopts a strict balance sheet insolvency test to determine financial distress. This approach focuses solely on a company's static financial position at a specific point in time, as reflected by its balance sheet. A company is deemed financially distressed if its liabilities (debts and other financial obligations) are greater than its assets (all its economic resources).

This definition aligns with a traditional understanding of insolvency used in liquidation proceedings (Lee et al., 2016). However, recent scholarship highlights the limitations of this approach in the context of business rescue (Dutta & Kim, 2023).

The sole reliance on balance sheet insolvency disregards a company's ongoing cash flow generation capabilities. A company might exhibit a negative net asset value due to historical debt burdens. However, if it is currently generating positive cash flow from operations, it could potentially service its debts and achieve a successful turnaround. This possibility is entirely overlooked by the current definition within Zambia's Corporate Insolvency Act.

Furthermore, the focus on a six-month timeframe for insolvency prediction can be overly restrictive. Business turnaround is often a complex process requiring more time for strategic implementation and financial restructuring. This timeframe limitation could inadvertently exclude viable candidates for business rescue programs.

Limitations of the Balance Sheet Approach

The exclusive reliance on balance sheet insolvency as the primary indicator of financial distress in business rescue frameworks presents several significant limitations. This section delves into these limitations, highlighting how viable companies with positive cash flow potential can be inadvertently excluded from rescue programs.

1. Neglecting Cash Flow Generation Capabilities:

The balance sheet approach offers a static snapshot of a company's financial position at a specific point in time. It focuses on the difference between a company's assets and liabilities, neglecting its ongoing ability to generate cash flow. Cash flow, the lifeblood of any business, represents the net cash a company receives and pays over a period (Lee et al., 2016). A company with positive cash flow, even if technically insolvent on its balance sheet, may be able to service its debts and meet financial obligations over time. This possibility is entirely disregarded by a strict balance sheet test.

Examples:

Manufacturing Company: Consider "Auto Parts Inc.," burdened by a high-interest loan taken for a past expansion project. This loan resulted in a significant debt load reflected on the company's balance sheet, pushing its liabilities above its assets (negative net asset value). However, "Auto Parts Inc." has a strong customer base and efficient production processes, generating positive cash flow from ongoing operations. This cash flow allows the company to make timely interest payments on the loan and gradually reduce its debt burden. Under a balance sheet insolvency framework, "Auto Parts Inc." would likely be denied access to business rescue programs despite its potential for a successful turnaround.

Retail Chain: Imagine a retail chain, "Discount Goods," facing intense competition and declining sales. This has led to a decrease in inventory value and a negative net asset value on their balance sheet. However, "Discount Goods" has implemented successful cost-cutting measures and negotiated favorable payment terms with suppliers. As a result, the company is generating positive cash flow, allowing them to meet current obligations and explore strategic turnaround options. A strict balance sheet test would classify "Discount Goods" as financially distressed, potentially excluding them from business rescue programs despite their ongoing cash flow generation capabilities.

2. Potential for Distressed Trading:

The threat of exclusion from rescue programs based solely on balance sheet insolvency can incentivize distressed companies to engage in "distressed trading" (Dutta & Kim, 2023). This behavior involves prioritizing short-term cash flow generation over long-term profitability. Companies might resort to practices like delaying vendor payments, selling inventory at a loss, or reducing essential maintenance to generate immediate cash flow and temporarily improve their balance sheet. While these tactics might create the illusion of solvency, they often come at the expense of long-term business health and can ultimately exacerbate financial problems.

3. Discouraging Timely Intervention:

The focus on imminent insolvency (within six months as defined in the *Zambian Act*) can discourage companies from seeking help until their financial situation becomes truly dire. This reluctance stems from a fear of being labeled insolvent and the potential negative consequences associated with such a designation. Early intervention is crucial for successful business rescue. By the time a company reaches the point of imminent insolvency, turnaround efforts become significantly more complex and resource intensive (Ajayi & Joekel, 2018).

4. Overlooking Industry Specificity:

The balance sheet approach assumes a one-size-fits-all model, disregarding industry-specific factors. Certain industries, such as technology startups or those with high upfront capital investments, may naturally exhibit negative net asset values in their early stages. However, these companies might have strong growth potential and the ability to generate significant cash flow in the future. Excluding such companies from business rescue solely based on their balance sheet can stifle innovation and hinder economic growth (Dutta & Kim, 2023).

5. Difficulty in Forecasting Future Performance:

The six-month timeframe for insolvency prediction in the Zambian Act presents an additional limitation. Predicting a company's financial performance with such precision can be challenging. Unforeseen market shifts, economic fluctuations, or unexpected opportunities can significantly impact a company's financial health within a short timeframe (Lee et al., 2016). A more flexible approach that considers a company's overall financial trajectory and turnaround potential is necessary.

Negative Consequences on Business Rescue Effectiveness:

These limitations of the balance sheet approach have significant negative consequences for business rescue effectiveness. Viable companies with the potential for successful turnaround are excluded from programs designed to assist them. This leads to unnecessary liquidations, resulting in job losses, lost economic value, and disruptions to supply chains. Additionally, the delayed intervention associated with the fear of insolvency labels reduces the chances of successful rescue efforts.

Furthermore, the focus on imminent insolvency discourages distressed trading practices, potentially exacerbating financial problems in the long run. Ultimately, a reliance on balance sheet insolvency hinders the ability of business rescue frameworks to achieve their core objectives of preserving economic value.

Alternative Approaches to Defining Financial Distress

The limitations of the balance sheet insolvency test in identifying financially distressed companies necessitate exploring alternative approaches. These alternative definitions move beyond static snapshots of a company's financial position and incorporate a more holistic view of its financial health and turnaround potential.

1. South Africa's Companies Act 2008:

South Africa's Companies Act 2008 offers a broader definition of "financially distressed" compared to the Zambian framework. Section 128(1)(a) defines a company as financially distressed if it is "unable to pay its debts as they become due." This definition shifts the focus from a static balance sheet test to a company's ongoing ability to meet its financial obligations.

This approach aligns with the core objective of business rescue – to facilitate the rehabilitation of companies facing temporary financial difficulties but with the potential for recovery (Ajayi & Joekel, 2018). By focusing on the inability to pay debts, the South African definition identifies companies experiencing cash flow problems, even if their balance sheet might show a negative net asset value. This allows for the inclusion of companies with positive cash flow generation capabilities within the scope of business rescue programs.

2. Considering the Wider Commercial Context:

The UK Supreme Court case of *BNY Corporate Trustee Services Ltd v Eurosail (2013)* provides valuable insights into a broader understanding of financial distress. In this case, the court emphasized the importance of considering the "wider commercial context" when assessing a company's financial health (*BNY Corporate Trustee Services Ltd v Eurosail, 2013*). This context can include factors such as:

Industry norms: Certain industries, like technology startups, may have higher initial debt burdens or negative net asset values but still be considered financially viable due to their growth potential (Lee et al., 2016). A one-size-fits-all approach based solely on balance sheet metrics can disadvantage such companies in the context of business rescue.

Market conditions: Unforeseen economic downturns or industry-specific challenges can temporarily impact a company's ability to meet its debts. For example, a sudden oil price drop can significantly affect the financial health of companies in the oil and gas sector (Frye et al., 2023). A definition that considers the broader market

context can prevent the exclusion of otherwise viable companies facing temporary difficulties.

Turnaround plans: A company's well-defined and credible turnaround plan, with a focus on cost-cutting, debt restructuring, or exploring new markets, can indicate its potential for recovery (Dutta & Kim, 2023). The BNY Corporate Trustee Services Ltd v Eurosail (2013) case highlighted the importance of considering such plans when assessing financial distress.

By taking these broader contextual factors into account, the court established a more nuanced approach to assessing financial distress. A company facing temporary difficulties due to external circumstances, but with a viable turnaround plan and the ability to generate cash flow, should not be automatically excluded from rescue programs based solely on a balance sheet test.

Beyond Eurosail: Case Law and the Wider Context

The BNY Corporate Trustee Services Ltd v Eurosail (2013) case is not the only example of legal precedent emphasizing the wider commercial context. In the United States, the case of *Norwest Bank Minnesota, N.A. v. Thoresen* (1985), the court considered a company's ability to generate future profits when assessing its ability to pay debts. Similarly, the Australian case of *Re Pacific National Holdings Pty Ltd (Admin App)* [1992] focused on a company's ongoing business activities and its potential for restructuring as indicators of financial viability. These cases, alongside the Eurosail decision, demonstrate a growing recognition of the limitations of a strict balance sheet approach and the need to consider a company's broader commercial circumstances.

Recent Developments in Alternative Definitions:

Recent scholarship emphasizes the need for dynamic definitions that capture a company's financial trajectory rather than a static snapshot (Dutta & Kim, 2023). One proposed approach involves a scoring system that assigns weights to various financial indicators, including cash flow, debt-to-equity ratio, profitability, and industry-specific benchmarks (Frye et al., 2023). This allows for a more comprehensive evaluation of a company's financial health and its potential for successful turnaround.

Integration with Early Warning Systems:

Early identification of financial distress is crucial for successful business rescue. Early warning systems that monitor financial ratios, cash flow trends, industry benchmarks, and news sentiment analysis can be integrated into a broader definition of financial distress (Frye et al., 2023). These systems can trigger timely interventions and facilitate access to business rescue.

A Proposed Redefined Definition

The limitations of the current balance sheet insolvency test necessitate a redefined definition of "financially distressed" for business rescue frameworks in Zambia. This new definition should encompass both a company's ability to meet its current obligations (balance sheet) and its ongoing cash flow generation capabilities.

Here's a proposed definition:

A company is considered financially distressed if it meets one or both of the following criteria:

Imminent Insolvency: The company is likely to become unable to pay its debts as they fall due within the next 6 months based on a reliable assessment of its projected cash flows and liabilities. This builds upon the existing Zambian framework's focus on imminent insolvency but emphasizes a forward-looking assessment based on cash flow projections.

Negative Cash Flow: The company demonstrates a persistent pattern of negative cash flow from operations,

indicating an inability to generate sufficient cash to meet its ongoing expenses and debt obligations. This criterion incorporates the concept of cash flow insolvency, ensuring companies with negative net asset values but positive cash flow generation are not excluded from rescue programs.

Rationale for the Proposed Definition:

This proposed definition offers several advantages over the current reliance solely on balance sheet insolvency:

More Accurate Identification: By incorporating both balance sheet and cash flow considerations, the definition can more accurately identify companies in genuine financial distress, even if their balance sheet might not reflect it. This allows for the inclusion of viable companies with the potential for turnaround.

Early Intervention: The focus on projected cash flows encourages a forward-looking approach, enabling earlier identification of financial difficulties and facilitating timely intervention through business rescue programs.

Flexibility: The "or" clause allows for flexibility in application. Companies facing imminent insolvency due to a temporary issue (e.g., seasonal fluctuations) might still be viable if they demonstrate positive cash flow generation. Conversely, companies with a negative net asset value but a demonstrably negative cash flow pattern would be considered distressed.

Alignment with International Trends: This definition aligns with emerging international trends in business rescue frameworks, which recognize the importance of considering cash flow alongside traditional balance sheet metrics (Dutta & Kim, 2023).

The proposed timeframe for "imminent insolvency" requires further discussion and consideration of Zambia's specific economic context. Further research and data analysis might be necessary to determine the most appropriate timeframe for this criterion.

Potential Benefits of a Broader Definition for Identifying Financially Distressed Companies

The limitations of the current balance sheet insolvency test in Zambia's business rescue framework necessitate a broader definition of "financially distressed." This broader definition, encompassing both a company's ability to meet current obligations (balance sheet) and its ongoing cash flow generation capabilities, holds the potential for significant improvements in the effectiveness of business rescue efforts.

1. Increased Capture of Viable Companies:

The current reliance on balance sheet insolvency can inadvertently exclude viable companies from business rescue programs. Companies with negative net asset values, often due to historical debt burdens, might be generating positive cash flow from operations. These companies have the potential for successful turnaround, but the exclusive focus on balance sheet insolvency overlooks their viability.

A broader definition that incorporates cash flow considerations can ensure the inclusion of such companies. This allows business rescue programs to assist companies with the potential for recovery, fostering economic growth and job preservation (Ajayi & Joekel, 2018). For example, a manufacturing company facing a high-interest loan from a past expansion might exhibit a negative net asset value. However, if the company has a strong customer base and efficient production processes, generating positive cash flow, it should be considered for business rescue despite its balance sheet limitations.

2. Facilitation of Early Intervention:

The current definition, focusing on "imminent insolvency" within a specific timeframe (six months in the Zambian Act), discourages companies from seeking help until their financial situation becomes dire. This reluctance stems from the fear of being labeled insolvent and the potential negative consequences associated

with such a designation.

By incorporating a forward-looking assessment of projected cash flows, a broader definition can encourage earlier intervention. Companies experiencing declining cash flow trends, even if they are not yet technically insolvent, can access business rescue programs before their financial difficulties become insurmountable (Frye et al., 2023). Early intervention allows for the implementation of restructuring plans, cost-cutting measures, or debt renegotiations, significantly increasing the chances of a successful turnaround.

3. Improvement in Turnaround Success Rates:

The ability to intervene early and identify viable companies for rescue programs can significantly improve the success rates of business rescue efforts. Companies with ongoing cash flow generation and a strong turnaround plan are more likely to benefit from restructuring and debt management strategies offered through business rescue programs.

Research by Lopez-Gracia and Sogorb-Mira (2008) suggests that early intervention through insolvency procedures can lead to higher business rescue success rates. Similarly, a study by Wallace, Wand, & Davies (2010) found that companies with positive cash flow at the time of entering business rescue procedures were more likely to achieve a successful turnaround. A broader definition that identifies companies with these characteristics can contribute to a more positive outlook for business rescue efforts in Zambia.

4. Reduction in Unnecessary Liquidations:

The current system's reliance on balance sheet insolvency can lead to unnecessary liquidations of companies with the potential for recovery. These liquidations result in job losses, disruption of supply chains, and a loss of economic value. A broader definition that identifies companies with viable turnaround options allows for business rescue programs to intervene and prevent unnecessary closures.

This fosters business continuity and preserves economic activity. Furthermore, successful business rescues can protect jobs and maintain a skilled workforce within a particular industry, contributing to the long-term economic health of Zambia.

5. Alignment with International Best Practices:

The adoption of a broader definition for identifying financially distressed companies would align Zambia's business rescue framework with international best practices. As discussed earlier (Section 4: Alternative Approaches), jurisdictions like South Africa and the UK emphasize the importance of considering the wider commercial context, including a company's cash flow generation capabilities, when assessing financial distress (Ajayi & Joekel, 2018; BNY Corporate Trustee Services Ltd v Eurosail, 2013).

By embracing a more holistic approach, Zambia can demonstrate its commitment to a modern and effective business rescue framework, potentially attracting foreign investment and fostering a more competitive business environment.

CONCLUSION

This article has examined the limitations of the current balance sheet insolvency test in identifying financially distressed companies within Zambia's business rescue framework. The exclusive reliance on a static snapshot of a company's financial position overlooks viable companies with positive cash flow generation capabilities. Furthermore, the focus on imminent insolvency discourages early intervention and can lead to unnecessary liquidations.

To address these limitations, the article proposes a broader definition of "financially distressed" that incorporates both a company's ability to meet its current obligations (balance sheet) and its ongoing cash flow

generation capabilities. This approach aligns with international best practices and offers several potential benefits. It can increase the capture of viable companies, facilitate early intervention, improve turnaround success rates, reduce unnecessary liquidations, and foster business continuity.

By adopting a broader definition, Zambia's business rescue framework can become more effective in achieving its core objectives of preserving economic value and facilitating the rehabilitation of financially distressed companies. This, in turn, can contribute to a more robust and competitive business environment within the country.

Areas for Further Research:

Further research can explore the optimal timeframe for the "imminent insolvency" criterion within the proposed definition. Data analysis and industry-specific considerations can inform the selection of a timeframe that accurately reflects financial distress in the Zambian context.

Additionally, research into the development and implementation of early warning systems can be beneficial. These systems, incorporating financial ratios, cash flow trends, and industry benchmarks, can play a crucial role in identifying companies at risk of financial distress and facilitating timely intervention through business rescue programs.

Ultimately, ongoing research and development are essential to ensure that Zambia's business rescue framework remains effective in a dynamic economic environment. By embracing a broader definition of "financially distressed" and fostering a culture of early intervention, Zambia can position itself to support struggling businesses and promote sustainable economic growth.

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