

## **INTEGRATION OF ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) IN ACCOUNTING FRAMEWORKS FOR SUSTAINABLE PERFORMANCE: A THEORETICAL REVIEW**

**Jocelyn Upaa<sup>1</sup> and Michael Iorlaha<sup>2</sup>**

<sup>1&2</sup>Department of Accounting, Benue State University, Makurdi, Nigeria

Correspondence: [jossyupaa@gmail.com](mailto:jossyupaa@gmail.com): +2348039585172

### **ABSTRACT**

*This paper theoretically reviewed the integration of Environmental, Social, and Governance (ESG) factors into accounting frameworks and its profound implications for sustainable performance. Examining theories such as Institutional Theory, Stakeholder Theory, Resource-Based View Theory, Legitimacy Theory, Triple Bottom Line Theory, and Positive Accounting Theory, this study explores the assumptions and motivations underpinning organizations' adoption of ESG practices in their accounting systems. It underscores how the alignment of accounting with ESG factors can enhance reputation, stakeholder relationships, competitive advantage, and long-term financial viability. By providing a comprehensive theoretical understanding of ESG integration, this review informs organizations, policymakers, and researchers about the dynamics of sustainability performance, advocating for a holistic approach that considers environmental, social, and governance dimensions in accounting frameworks. Such an approach not only fosters ethical and responsible business practices but also aligns with global sustainability objectives, shaping a future where economic success harmonizes with societal well-being and environmental preservation.*

**Keywords:** *accounting framework, environmental, governance, social, sustainable performance*

### **1. INTRODUCTION**

In recent years, the global business landscape has witnessed a significant paradigm shift. Beyond profit margins and shareholder returns, contemporary businesses are now tasked with a broader responsibility - the integration of Environmental, Social, and Governance (ESG) factors into their core operations and accounting frameworks. ESG factors encompass a wide array of criteria, including environmental sustainability, social responsibility, and ethical governance. The integration of these factors into accounting practices holds immense potential to transform not only how businesses operate but also how they are perceived and evaluated by stakeholders.

In an increasingly interconnected global landscape, the integration of Environmental, Social, and Governance (ESG) factors into accounting frameworks has emerged as a critical paradigm shift in the corporate world. Historically, financial success was often evaluated solely through profit margins and balance sheets, neglecting the

broader impact businesses had on the environment, society, and ethical governance. However, the 21st century has ushered in a new era of corporate responsibility, one where stakeholders demand transparency, ethical conduct, and a commitment to sustainable practices. This shift has led to the rise of ESG criteria, encompassing environmental sustainability, social responsibility, and ethical governance, as essential metrics in evaluating a company's overall performance and long-term viability.

The traditional focus of accounting, primarily on financial metrics, has often led to the oversight of crucial non-financial aspects of business operations. This narrow focus presents several problems. First and foremost, it fails to capture the true impact of businesses on the environment and society. Environmental degradation, social inequalities, and unethical governance practices are often left unaccounted for, leading to a skewed representation of a company's actual performance (Carnini, Ciaburri, Magnanelli & Nasta, 2022). Additionally, businesses that ignore ESG factors risk reputational damage, potential legal liabilities, and diminished investor trust. Moreover, the lack of standardized ESG reporting frameworks creates inconsistencies in how companies disclose their non-financial performance, making it challenging for investors and stakeholders to compare and evaluate sustainability efforts across different organizations.

The nexus between the Environmental, Social, and Governance (ESG) framework and sustainability performance lies in their interconnectedness and mutual reinforcement. ESG factors, encompassing environmental conservation, social responsibility, and ethical governance, serve as the pillars upon which sustainable business practices are built. By integrating ESG criteria into their operations and decision-making processes, businesses actively contribute to environmental preservation, social equity, and ethical conduct, thereby enhancing their sustainability performance (Cho, Guidry, Hageman & Patten, 2012). Companies that prioritize ESG considerations are better equipped to identify environmental risks, reduce their carbon footprint, promote fair labor practices, and engage with communities responsibly. Furthermore, robust governance practices ensure transparency, accountability, and ethical leadership, fostering trust among stakeholders. This integration not only safeguards the planet and its resources but also enhances corporate reputation, attracts socially responsible investors, and

secures long-term viability, ultimately fostering a harmonious balance between economic growth and sustainable development.

The primary objective of integrating ESG factors into accounting frameworks is to create a comprehensive and holistic approach to business performance evaluation. By expanding the scope of evaluation beyond financial metrics, companies aim to assess their environmental impact, social initiatives, and ethical governance practices. This broader evaluation provides a more accurate representation of a company's sustainability performance. Another objective is to foster a culture of transparency and accountability within organizations. By embracing ESG integration, companies can enhance internal controls, promote ethical conduct, and ensure compliance with environmental regulations. Furthermore, the standardization of ESG reporting aims to streamline disclosure practices, making it easier for investors to make informed decisions and encouraging businesses to adopt sustainable practices (Loof & Stephan, 2019).

The significance of integrating ESG factors into accounting frameworks cannot be overstated. Firstly, it aligns businesses with global sustainability goals such as the United Nations Sustainable Development Goals (SDGs) and the Paris Agreement. This alignment is crucial in addressing pressing global issues, including climate change, poverty, and social inequality. Secondly, it enhances corporate reputation and brand value. Companies that demonstrate a commitment to environmental conservation, social welfare, and ethical governance are more likely to attract socially responsible investors, conscious consumers, and top talent. Thirdly, it mitigates risks associated with environmental and social factors. By proactively addressing issues such as carbon emissions, water usage, labour practices, and community engagement, businesses can minimize legal liabilities, operational disruptions, and reputational harm. Lastly, integrating ESG factors into accounting frameworks facilitates long-term sustainable growth. Companies that invest in sustainable practices are better positioned to adapt to changing market demands, regulatory requirements, and consumer preferences. Additionally, these businesses are more resilient in the face of economic downturns, as they often have diversified revenue streams and stronger stakeholder relationships.

## **2. CONCEPTUAL CLARIFICATION**

In recent years, the Environmental, Social, and Governance (ESG) framework has become a cornerstone of sustainable business practices, guiding companies, investors, and stakeholders toward more responsible decision-making. ESG represents a triumvirate of factors that measure a company's impact and contribution to society, both in ethical and sustainable terms. This comprehensive exploration delves deeply into each component, shedding light on the intricacies and importance of understanding Environmental, Social, and Governance aspects in today's complex business landscape.

### **Environmental, Social, and Governance (ESG) Accounting Frameworks**

The 'E' in ESG refers to environmental factors, highlighting a company's approach and responsibility toward the planet. It encompasses a wide range of issues, including carbon emissions, energy efficiency, waste management, water conservation, and biodiversity preservation (Shen, 2023). Companies with strong ESG environmental practices aim to minimize their negative impact on the environment and contribute positively to ecological sustainability. This includes adopting renewable energy sources, reducing greenhouse gas emissions, implementing efficient waste disposal techniques, and investing in eco-friendly technologies. Understanding the environmental aspect is crucial in evaluating a company's commitment to mitigating climate change, conserving natural resources, and fostering environmental stewardship (Lee, 2017).

The 'S' in ESG stands for social factors, reflecting a company's engagement with its stakeholders and communities. Social aspects encompass a wide spectrum of concerns, such as labour practices, employee relations, diversity and inclusion, customer satisfaction, community development, and philanthropic initiatives (Li, Yang, Chen & Wenqing, 2021). Companies focused on the social component of ESG prioritize fair labour practices, safe working conditions, employee well-being, and fostering a diverse and inclusive workforce. They also engage with local communities, supporting educational and healthcare initiatives, and addressing social inequalities. Evaluating the social aspect of ESG helps stakeholders understand how a company contributes to societal well-being, respects human rights, and promotes social justice and equality (Shaikh, 2022).

The 'G' in ESG refers to governance factors, emphasizing the importance of ethical and transparent corporate governance practices. Governance aspects include board composition, executive compensation, shareholder rights, adherence to legal and ethical standards, anti-corruption measures, and transparency in financial reporting. Companies with strong governance practices prioritize accountability, integrity, and ethical decision-making. They maintain transparency in their operations, ensure the protection of shareholder rights, and adhere to regulatory compliance. Effective governance also involves avoiding conflicts of interest, preventing bribery and corruption, and fostering a culture of ethical conduct within the organization. Evaluating the governance aspect of ESG is critical in assessing a company's internal controls, risk management practices, and overall ethical integrity (Sadiq, Singh, Raza & Mohammad, 2020).

The integration of ESG factors into accounting frameworks marks a paradigm shift from the traditional profit-centric approach to a holistic, sustainable business model. By recognizing the interdependence of economic prosperity, environmental conservation, and social well-being, companies are not just meeting regulatory requirements but actively contributing to a more sustainable and equitable world (Christensen, Serafeim & Sikochi, 2022). In the following sections of this article, we will delve deeper into the methodologies employed in integrating ESG factors into accounting practices and explore the transformative impact this integration has on sustainability performance. Through real-life case studies and comprehensive data analysis, we will uncover the strategies employed by pioneering companies and the lessons we can draw from their experiences. This exploration aims to provide a nuanced understanding of the integration of ESG factors into accounting frameworks, illuminating the path towards a more sustainable and socially responsible future for businesses worldwide (Ellili, 2022).

### **Nexus amongst the ESG Factors**

While ESG are often discussed as distinct components, they are deeply interconnected. A company's environmental initiatives can influence its social practices; for instance, reducing environmental impact often involves engaging with local communities and investing in employee training. Similarly, strong governance practices are essential for effectively implementing both environmental and social initiatives (Reber, Gold & Gold, 2022). ESG factors are significant not only because

they represent ethical and responsible business conduct but also because they contribute to long-term financial performance. Companies with robust ESG practices tend to be more resilient, attracting ethical investors and consumers, fostering strong stakeholder relationships, and ensuring sustainable growth. Moreover, ESG factors align businesses with global sustainability goals, contributing to a more equitable, environmentally conscious, and socially responsible future.

The ESG framework offers a holistic perspective on evaluating a company's impact on the environment, society, and governance. Understanding these interconnected aspects is essential for investors, stakeholders, and businesses alike, as it guides ethical investment decisions, fosters corporate responsibility, and promotes a sustainable and equitable global economy. As ESG considerations continue to shape the future of business, a nuanced comprehension of these concepts becomes imperative in navigating the evolving landscape of corporate sustainability and responsible capitalism (Li, Gong, Zhang & Koh, 2018).

### **Sustainable Performance**

Sustainable performance, in essence, refers to a company's ability to maintain and improve its operational and financial performance over the long term, while simultaneously minimizing negative impacts on the environment, society, and governance structures. Unlike short-term gains, sustainable performance emphasizes enduring value creation, balancing economic success with ethical, social, and environmental responsibilities (Radu & Smaili, 2022). Achieving sustainable performance involves a strategic integration of economic, social, and environmental factors, ensuring that the company's activities contribute positively to society and the planet without compromising its financial stability. In today's rapidly changing global business landscape, where environmental concerns, social justice, and ethical governance are paramount, sustainable performance has become a cornerstone for responsible and resilient organizations (Li, Jia, & Chapple, 2022).

Sustainable performance starts with economic viability. Businesses must remain profitable and financially stable to ensure their continuity and ability to invest in sustainable practices. However, sustainable performance goes beyond profitability. It involves innovation and adaptability, encouraging businesses to invest in research and development, adopt new technologies, and create innovative products and

services. By aligning economic goals with sustainable practices, companies can foster a culture of innovation that not only reduces their environmental footprint but also enhances their competitive advantage. Sustainable innovation enables businesses to meet customer demands, improve efficiency, and create new revenue streams, ensuring long-term economic viability (Popova, et al, 2013).

It encompasses social responsibility and stakeholder engagement. Companies that prioritize social initiatives, such as fair labor practices, employee welfare, diversity and inclusion, and community development, build strong relationships with their employees and local communities. Engaging with stakeholders, including employees, customers, suppliers, and local communities, fosters trust and loyalty (Mohammad & Wasiuzzaman, 2021). Moreover, businesses that actively contribute to societal well-being, support charitable causes, and address social inequalities not only enhance their reputation but also create positive social impact. Socially responsible practices lead to a motivated workforce, satisfied customers, and a positive public image, driving sustainable performance by nurturing long-lasting relationships with stakeholders.

Companies committed to environmental sustainability focus on reducing their carbon footprint, conserving natural resources, and adopting eco-friendly practices. By implementing energy-efficient measures, waste reduction strategies, and responsible sourcing, businesses minimize their negative impact on the environment. Ethical governance, on the other hand, ensures transparent and accountable decision-making. It involves ethical leadership, adherence to legal and ethical standards, prevention of corruption, and a commitment to transparency in financial reporting (Mahmut, Guzhan & Korkmaz, 2022). Ethical governance practices strengthen corporate reputation, foster investor trust, and mitigate risks, ensuring the long-term sustainability of the organization. In essence, sustainable performance requires a harmonious integration of economic prosperity, social responsibility, environmental conservation, and ethical governance, creating enduring value for businesses, society, and the planet. Embracing sustainable practices not only secures a company's future but also contributes to a more equitable and sustainable global economy. Businesses that prioritize sustainable performance lead the way toward a future where profitability goes hand in hand with responsible and ethical conduct, making a meaningful difference in the world (Linnenluecke, 2022).

### **Integration ESG framework in Accounting and sustainable performance**

The integration of the Environmental, Social, and Governance (ESG) framework into accounting practices is fundamental to fostering sustainable performance within organizations. This integration involves the incorporation of ESG metrics alongside traditional financial indicators in the reporting and decision-making processes. By aligning these components, businesses can create a more comprehensive understanding of their operations, ensuring they operate ethically, socially responsibly, and in harmony with the environment. This can be achieved through;

- i. **Standardised Reporting:** One of the primary steps in integrating the ESG framework into accounting is the establishment of standardized reporting guidelines. Creating universally accepted standards for ESG disclosures ensures consistency across industries, making it easier for stakeholders to compare and evaluate companies (Hui, Kai Wai, Steven & Matsunaga. 2015). Organizations can adhere to frameworks such as the Global Reporting Initiative (GRI) or the Sustainability Accounting Standards Board (SASB) to structure their ESG reporting. Standardized reporting not only provides transparency but also enables stakeholders to assess a company's performance on environmental impact, social initiatives, and governance practices uniformly.
- ii. **Materiality Assessment:** A materiality assessment is crucial in determining which ESG factors are most relevant to a company and its stakeholders. By identifying material ESG issues, businesses can prioritize their efforts and resources effectively. Integrating materiality assessments into accounting frameworks ensures that companies focus on the ESG aspects that matter most to their sustainability performance (Hendratama & Huang, 2021). This targeted approach allows organizations to address significant concerns, allocate resources efficiently, and report meaningful ESG data that reflects their impact on society, the environment, and governance structures.
- iii. **Internal controls and Risk Management:** Integrating the ESG framework into accounting practices involves enhancing internal controls and risk management systems. By embedding ESG considerations into risk assessments, companies can identify and mitigate potential risks associated with environmental, social, and governance factors. Strengthened internal

controls help in ensuring compliance with ethical standards, legal requirements, and ESG commitments. Robust risk management, driven by ESG integration, minimizes operational disruptions, legal liabilities, and reputational damage, safeguarding the company's sustainable performance in the long-run (Halid, Rahman, Mahmud, Mansor & Wahab, 2023)..

**iv. Stakeholder Engagement and Transparency:** Engaging with stakeholders is a fundamental aspect of ESG integration in accounting. Businesses need to actively communicate with investors, customers, employees, and local communities about their ESG initiatives and performance. Transparency builds trust, enhancing the company's reputation and stakeholder relationships (Fernando & Lawrence, 2014) Integrated reporting, which combines financial and non-financial data, offers a holistic view of a company's performance. By providing comprehensive information on ESG metrics, businesses demonstrate their commitment to sustainable practices, fostering trust and credibility among stakeholders. Performance Monitoring and Improvement: Integrating the ESG framework into accounting practices necessitates continuous performance monitoring and improvement. Regularly tracking ESG metrics allows companies to assess the effectiveness of their initiatives, identify areas for improvement, and set new sustainability goals (Eneh & Okegbe, 2022). Performance data collected through integrated accounting frameworks provide valuable insights into the impact of ESG initiatives on the company's overall sustainability. This data-driven approach enables businesses to adapt their strategies, innovate, and continuously enhance their sustainable performance, aligning their operations with evolving environmental, social, and governance challenges.

Integrating the ESG framework into accounting practices is a transformative step toward achieving sustainable performance. It ensures that businesses operate responsibly, considerate of their environmental footprint, social impact, and governance integrity. By embracing ESG integration, companies not only enhance their reputations but also contribute meaningfully to a more sustainable and equitable future. This integration acts as a guiding compass, directing organizations toward ethical conduct, social responsibility, and environmental stewardship, ultimately shaping a business landscape where profitability harmonizes with ethical and sustainable practices.

### **3. THEORETICAL REVIEW**

In the pursuit of sustainable business practices, a theoretical review of integrating Environmental, Social, and Governance (ESG) factors into accounting frameworks unveils essential insights. By exploring various theoretical perspectives, from Institutional and Stakeholder theories to Positive Accounting and the Triple Bottom Line concept, we gain a profound understanding of how businesses strategically align ESG considerations with accounting practices. This exploration illuminates the intricate relationships between theoretical frameworks, ESG integration, and sustainable performance, shaping the landscape for responsible and enduring corporate success.

#### **Institutional theory**

The Institutional theory was propounded by Meyer and Rowan in 1977. The theory posits that organizations conform to prevailing institutional norms and values to gain legitimacy and acceptance within their environment (Elmaghrabi, 2021). In the context of integrating ESG factors into accounting frameworks, institutional theory suggests that organizations adopt ESG practices not only due to regulatory requirements but also to conform to societal expectations. The assumption here is that organizations that align their accounting practices with ESG factors are more likely to be accepted and legitimized by stakeholders, enhancing their reputation and sustainability performance (Shizhong, 2022). Businesses are influenced by institutional pressures, both normative (based on social norms) and coercive (based on regulations and expectations). Companies integrate ESG factors into their accounting practices to conform to these institutional pressures, demonstrating their commitment to societal expectations and ethical standards. By aligning their accounting frameworks with prevailing norms related to environmental conservation, social responsibility, and ethical governance, organizations gain legitimacy and social acceptance, enhancing their reputation and ensuring long-term sustainability.

Organizations recognize the importance of aligning their accounting practices with prevailing institutional norms related to sustainable and responsible business conduct. Institutions, including governments, regulatory bodies, and societal expectations, shape the rules and norms that guide businesses (Wu Jingtai & Liu Qiuming, 2019). When these institutions emphasize the significance of ESG factors, organizations respond by integrating these factors into their accounting frameworks.

This integration allows companies to meet societal expectations, maintain their legitimacy, and gain acceptance from stakeholders, including investors, customers, and the public. Consequently, businesses that successfully integrate ESG factors into their accounting practices not only enhance their social standing but also ensure their sustainable performance by addressing societal concerns and remaining in harmony with prevailing institutional expectations (Wu, & Song, 2005).

Furthermore, institutional theory suggests that businesses engaging in ESG integration are more likely to gain competitive advantages. By adhering to institutional pressures and integrating ESG factors into their accounting practices, companies enhance their reputation, attract socially responsible investors, and foster positive stakeholder relationships. This, in turn, can lead to increased access to capital, higher market valuation, and improved brand loyalty (Syafrullah, Saddek & Harjum, 2017).

Additionally, businesses that integrate ESG factors are better positioned to adapt to changing regulatory environments and societal expectations. By aligning their accounting frameworks with institutional norms related to ESG factors, organizations create a positive feedback loop where sustainable performance enhances their legitimacy, which, in turn, reinforces their commitment to ESG integration. Ultimately, the link between institutional theory and ESG integration in accounting underscores the importance of societal conformity and legitimacy in driving businesses toward sustainable practices and ensuring their long-term viability and success.

### **Stakeholder Theory**

Stakeholder theory was propounded by Freeman in 1984. Framework in Accounting and sustainable performance Stakeholder theory posits that organizations should consider the interests of various stakeholders in their decision-making processes, recognizing that these stakeholders significantly impact the organization's activities. The integration of Environmental, Social, and Governance (ESG) factors into accounting practices aligns seamlessly with stakeholder theory, as it acknowledges the diverse concerns and expectations of stakeholders beyond just financial metrics (Koehler & Hespeneide, 2013). By incorporating ESG factors, organizations demonstrate a commitment to addressing environmental impact, social issues, and

ethical governance, all of which are of considerable concern to stakeholders. This integration ensures that stakeholders, including employees, customers, investors, and the wider community, are part of the organizational decision-making process, fostering trust and loyalty.

The link between stakeholder theory and the integration of ESG factors in accounting lies in the active engagement and collaboration with stakeholders. Stakeholder theory emphasizes understanding stakeholders' needs and concerns, and integrating ESG factors involves incorporating these concerns into accounting frameworks. For example, by reporting on social initiatives such as employee welfare programs or environmental conservation efforts, organizations communicate their commitment to stakeholders. By addressing stakeholder interests related to sustainability, organizations enhance their reputation and credibility, fostering stronger relationships that are essential for sustainable performance.

Also, integrating ESG factors in accounting based on stakeholder theory allows organizations to anticipate and respond to societal expectations. As stakeholders become more socially and environmentally conscious, companies that align their accounting practices with these concerns are better positioned to meet evolving expectations (Wang & Zhang, 2022). This alignment not only ensures ethical conduct but also provides a competitive advantage, attracting socially responsible investors and customers who value companies committed to sustainable practices. Ultimately, the integration of the ESG framework into accounting practices, influenced by stakeholder theory, strengthens stakeholder relationships, enhances organizational legitimacy, and drives sustainable performance by aligning business activities with societal values and expectations (Junior, Best & Cotter, 2014). This synergy underscores the profound impact stakeholder engagement has on shaping corporate behaviour, sustainability strategies, and long-term success.

### **Resource-Based View Theory**

Propounded by Barney in 1991, the theory suggests that a firm's unique resources and capabilities contribute to its competitive advantage. The Resource-Based View (RBV) theory, a cornerstone of strategic management, asserts that a firm's unique resources and capabilities are fundamental to gaining and sustaining a competitive advantage. In the context of integrating the Environmental, Social, and Governance

(ESG) framework into accounting practices, the RBV theory emphasizes the strategic importance of ESG-related resources (Van Duuren, Plantinga & Scholtens, 2016). Companies that effectively integrate ESG factors into their accounting frameworks recognize these elements as valuable and rare resources. Environmental conservation initiatives, ethical governance practices, and social responsibility efforts represent unique capabilities that can enhance a firm's competitive position. For instance, a company's commitment to reducing its carbon footprint not only aligns with environmental goals but also showcases a distinctive capability, difficult for competitors to replicate. Such initiatives reflect a resource-based approach, where ESG-related practices become strategic assets contributing to sustainable performance (Triyani, Setyahuni & Kiryanto, 2020).

Integrating the ESG framework within accounting practices allows firms to identify and leverage these unique ESG resources. By recognizing environmental conservation, social responsibility, and ethical governance as integral components of their resource portfolio, companies can strategically manage these resources for competitive advantage (Camilleri, 2018). For example, an organization focusing on gender diversity in its workforce not only contributes to social equity but also utilizes this diverse talent pool as a valuable resource, enhancing creativity, innovation, and problem-solving within the company. By linking the RBV theory with ESG integration, companies can strategically assess and deploy their ESG-related resources, thus ensuring sustainable performance by creating a distinct competitive edge (Xu Tianshu, 2020).

Moreover, the RBV theory emphasizes the importance of organizational capabilities in leveraging resources effectively. Integrating the ESG framework into accounting practices necessitates the development of new capabilities within the organization (Boerner, 2014). This might include developing expertise in sustainable supply chain management, implementing advanced environmental impact assessment tools, or enhancing stakeholder engagement processes. These capabilities not only facilitate the integration of ESG factors but also enable the company to adapt to changing market demands and stakeholder expectations (Boulhaga, Bouril, Elamer & Ibrahim, 2022). Therefore, a company's ability to develop and enhance these capabilities, rooted in the RBV theory, is crucial in successfully integrating the ESG framework into accounting and ensuring sustainable performance over the long term.

In essence, the integration of the ESG framework within accounting practices through the lens of the Resource-Based View theory underscores the strategic value of ESG-related resources and capabilities (Boerner, 2012). By recognizing these elements as unique, valuable, and difficult to imitate, companies can strategically leverage environmental, social, and governance initiatives to gain competitive advantage. This integration not only contributes to sustainable performance but also positions the organization as a socially responsible and environmentally conscious entity, enhancing its reputation and stakeholder relationships in the process (Zhang, 2012).

### **Legitimacy Theory**

The Legitimacy theory was propounded by Suchman in 1995. Legitimacy theory posits that organizations engage in activities to maintain their social legitimacy. According to this theory, organizations strive to maintain their social legitimacy by conforming to societal norms and expectations (Bifulco, Savio, Paolone & Tisci, 2023). In the context of ESG integration, businesses adopt sustainable accounting practices to be perceived as socially responsible and legitimate entities. By aligning their accounting frameworks with ESG factors, organizations demonstrate their commitment to addressing environmental concerns, promoting social welfare, and ensuring ethical governance. This alignment enhances their reputation, fosters trust among stakeholders, and strengthens their social legitimacy, which is essential for long-term sustainability (Zhang & Liu Jinbo, 2022).

Legitimacy theory and ESG integration in accounting becomes evident through the process of reporting. Companies adopting ESG practices communicate their initiatives and achievements transparently, emphasizing their commitment to environmental conservation, social responsibility, and ethical governance (Beurden, & Gossling, 2008). Such reporting not only aligns with societal expectations but also provides stakeholders with a clear view of the organization's efforts toward sustainability. By demonstrating adherence to ESG principles in their accounting disclosures, businesses enhance their legitimacy in the eyes of investors, customers, regulators, and the broader community, reinforcing their position as socially responsible entities (Xuan Jie, Wang & Yelin, 2014).

The integration of ESG factors into accounting frameworks enhances organizational legitimacy by addressing the concerns of various stakeholders. Investors increasingly consider ESG performance as a criterion for investment decisions, reflecting the growing importance of sustainability in financial markets (Bansal, Samad & Bashir, 2021). By adopting ESG practices in accounting, organizations can attract socially responsible investors, indicating their alignment with broader societal values. Additionally, consumers are becoming more conscious of ethical and sustainable business practices. Companies that integrate ESG factors in their accounting practices resonate with environmentally and socially conscious consumers, enhancing their market legitimacy and ensuring customer loyalty (Yuan & Xiaohan, 2021).

Consequently, the integration of ESG framework in accounting practices is closely intertwined with legitimacy theory. By aligning their accounting frameworks with ESG factors, businesses bolster their social legitimacy, gaining acceptance and trust from stakeholders (Atana, Razalia, Saidb & Zainun, 2016). This alignment not only reflects societal expectations but also attracts responsible investors and loyal customers, thereby fostering sustainable performance. Legitimacy theory serves as a guiding principle, encouraging organizations to integrate ESG factors transparently and authentically, ensuring their long-term viability in an increasingly socially aware and environmentally conscious global landscape (Yang & Tang, 2020).

### **Triple Bottom Line Theory**

The Triple Bottom Line (TBL) theory, introduced by John Elkington in 1997, emphasizes a broader perspective of organizational success by integrating three crucial dimensions: financial, social, and environmental. The financial dimension reflects the traditional profit and loss perspective, while the social and environmental dimensions encompass the impact a business has on society and the environment (Atan, Ruhaya, Md. Mahmudul Alam, Jamaliah Said & Mohamed Zamri. 2018). When applied to the integration of the Environmental, Social, and Governance (ESG) framework into accounting practices, the TBL theory becomes a guiding principle for sustainable performance.

Firstly, the link between the TBL theory and the integration of ESG factors into accounting lies in the holistic view it promotes. By considering financial, social, and

environmental factors simultaneously, businesses gain a comprehensive understanding of their operations (Atan, Alam, Said & Zamri, 2017). When companies integrate ESG metrics into their accounting frameworks, they are inherently following the TBL approach, accounting not only for financial profits but also for the social and environmental costs and benefits associated with their activities. This holistic perspective ensures that decisions made concerning ESG factors are not soiled but are interconnected with financial considerations, fostering sustainable business practices (Xue & Hong, 2021).

Secondly, the TBL theory emphasizes the interconnectedness of these three dimensions, recognizing that the success in one area often depends on the performance in another. When businesses integrate ESG factors into their accounting, they acknowledge this interdependence (Arshad, Mansor & Othman, 2012). For example, a company investing in employee training and well-being (social dimension) may experience reduced turnover, leading to cost savings and increased financial performance. Simultaneously, environmentally conscious practices, such as energy efficiency initiatives, not only reduce environmental impact but also lower operational costs, enhancing financial viability. Integrating ESG metrics into accounting practices allows businesses to identify and leverage these interconnected opportunities, leading to improved sustainability performance.

Moreover, the TBL theory underscores the significance of social and environmental responsibility in business operations. By integrating the ESG framework into accounting, companies can transparently report their performance across these dimensions. This transparency is essential for building trust among stakeholders, including customers, investors, and the broader community (Andrew & Curtis, 2013). Businesses adhering to ESG principles in their accounting practices demonstrate their commitment to ethical conduct and sustainable development. This commitment enhances their reputation, attracts socially responsible investors, and strengthens relationships with customers who increasingly prefer companies that demonstrate environmental and social responsibility. Integrating ESG metrics into accounting aligns with the TBL theory's core principle of ensuring that businesses not only generate profit but also contribute positively to society and the environment, thereby achieving sustainable performance (Whetman, 2017).

### **Positive Accounting Theory**

This theory was propounded by Watts and Zimmerman in the year 1986. Positive accounting theory posits that firms select accounting methods that align with their self-interests, including financial benefits and reputation management (Amran & Ooi, 2014). When applied to the integration of ESG factors, organizations often consider these elements to enhance their self-interests. For instance, by disclosing their positive environmental practices and social initiatives through ESG reporting, companies can attract socially responsible investors and maintain a positive public image, thus aligning with the principles of PAT. In this context, ESG integration becomes a strategic choice to enhance the organization's reputation and financial standing (Wang, Hsieh & Sarkis, 2018).

Furthermore, the integration of ESG factors aligns with PAT's focus on stakeholders' interests. As firms increasingly recognize the importance of social and environmental responsibility, ESG integration reflects their responsiveness to stakeholder demands (Weber, 2014). Positive Accounting Theory recognizes that firms respond to external pressures, and integrating ESG factors into accounting frameworks addresses the interests of diverse stakeholders, including investors, customers, employees, and communities. By adopting ESG practices, companies demonstrate their commitment to social and environmental values, building trust with stakeholders and enhancing their positive image (Alareeni & Hamdan, 2020).

Additionally, the integration of ESG factors can contribute to financial benefits, a central concern in PAT. Companies adopting sustainable practices often realize cost savings through improved resource efficiency, waste reduction, and energy conservation. These financial gains align with PAT's core idea of maximizing self-interest (Aksoy, Buoye & Fors, 2022). By integrating ESG factors into accounting frameworks, organizations can measure and report these financial benefits accurately, providing evidence of the financial advantages of sustainability initiatives. This data-driven approach supports the pragmatic integration of ESG factors within PAT, as it emphasizes concrete financial outcomes.

The link between Positive Accounting Theory and the integration of ESG factors in accounting lies in their mutual pursuit of organizational self-interest and utility. ESG integration aligns with PAT by enhancing corporate reputation, addressing

stakeholder interests, and generating financial benefits through sustainable practices (Abraham, Marston & Jones, 2015). This alignment underscores the pragmatic integration of ESG factors within accounting frameworks, emphasizing the symbiotic relationship between self-interest, stakeholder responsiveness, and sustainable performance.

These theories provide a theoretical foundation for understanding the integration of ESG factors into accounting frameworks for sustainability performance. Institutional theory emphasizes conformity with societal norms, stakeholder theory highlights the importance of stakeholders' interests, resource-based view theory focuses on unique resources for competitive advantage, legitimacy theory stresses maintaining social legitimacy, triple bottom line theory expands the dimensions of performance, and positive accounting theory suggests pragmatic integration for self-interest. The integration of these theories helps businesses create comprehensive, sustainable accounting frameworks, aligning their practices with societal expectations, fostering stakeholder relationships, ensuring competitiveness, and maximizing long-term performance and legitimacy (Aboud & Diab, 2018).

#### **4. SUMMARY AND CONCLUSION**

In summary, the integration of environmental, social, and governance (ESG) factors into accounting frameworks for sustainability performance, as explored through various theoretical lenses, signifies a strategic alignment between business practices and societal expectations. The Institutional Theory emphasizes the necessity for organizations to conform to prevailing norms and values, making ESG integration essential for legitimacy. Stakeholder Theory underscores the importance of considering diverse stakeholder interests, promoting ESG integration as a means to foster trust and enhance relationships. Resource-Based View Theory highlights ESG practices as a valuable and rare resource, contributing to sustainable competitive advantage. Legitimacy Theory emphasizes the need for businesses to maintain social legitimacy, encouraging ESG integration to meet societal expectations. The Triple Bottom Line Theory expands the performance criteria, recognizing the interconnectedness of financial, social, and environmental aspects. Positive Accounting Theory suggests pragmatic ESG integration based on self-interest. In conclusion, it becomes evident that integrating ESG factors into accounting not only ensures a comprehensive evaluation of business performance but also aligns

companies with sustainable practices, societal norms, and long-term viability, creating a harmonious balance between profitability and responsible business conduct.

## **5. RECOMMENDATIONS**

In line with the foregoing discussion, the following recommendations are made;

- i. Companies should develop comprehensive ESG reporting guidelines based on theoretical frameworks. This involves creating standardized and universally accepted guidelines that outline how companies should integrate environmental, social, and governance factors into their accounting frameworks. Drawing on theoretical insights such as Institutional Theory and Stakeholder Theory, these guidelines should reflect the societal expectations and stakeholder interests. By adhering to well-defined reporting standards, companies can ensure transparency, comparability, and consistency in disclosing their ESG performance, facilitating a more meaningful assessment of their sustainability initiatives.
- ii. Effective stakeholder engagement is vital for the successful integration of ESG factors into accounting frameworks. Drawing from Stakeholder Theory, companies should develop robust engagement strategies that involve regular communication with stakeholders, including investors, employees, customers, suppliers, and communities. By understanding stakeholders' expectations and concerns, businesses can align their ESG initiatives with stakeholder interests. This engagement can help in identifying material ESG issues, ensuring that the integration efforts are relevant and meaningful. Moreover, involving stakeholders in the process fosters trust and credibility, enhancing the organization's social license to operate and contributing to sustainable performance.
- iii. Foster ethical governance practice. Ethical governance, a crucial component of ESG integration, can be reinforced by drawing on theories like Legitimacy Theory and Positive Accounting Theory. Companies should establish strong governance structures that promote ethical conduct, transparency, and accountability. This involves implementing anti-corruption measures, preventing conflicts of interest, ensuring fair and transparent financial reporting, and upholding ethical standards in decision-making processes.

Ethical governance practices build trust among stakeholders, enhance the company's reputation, and contribute to long-term sustainability. By integrating ethical considerations into their governance frameworks, organizations can demonstrate their commitment to ethical principles and societal expectations.

- iv. Invest in ESG education and training, To ensure the successful integration of ESG factors into accounting frameworks, organizations should invest in education and training programs for their employees. This recommendation aligns with the Resource-Based View Theory, emphasizing the value of human resources as a strategic asset. By providing training on ESG concepts, regulations, and reporting methodologies, companies can enhance the knowledge and skills of their workforce. Well-informed employees are better equipped to implement ESG initiatives effectively and ensure accurate ESG reporting. Moreover, educated employees can act as internal advocates for sustainable practices, fostering a culture of responsibility within the organization.
- v. Align ESG integration with Long-Term Business Strategy. Integrating ESG factors into accounting frameworks should be integrated into the organization's long-term business strategy. By aligning sustainability goals with the overall strategic vision, companies can ensure a cohesive approach to ESG integration. This strategic alignment, based on insights from Institutional Theory and Triple Bottom Line Theory, involves embedding ESG considerations into strategic planning, investment decisions, product development, and risk management. Companies should consider the long-term societal and environmental impacts of their strategies, ensuring that ESG integration is not just a compliance measure but a fundamental aspect of their business identity. By making sustainability an integral part of their strategic vision, organizations can drive meaningful change, enhance their competitiveness, and contribute to a more sustainable future.

Incorporating these recommendations based on theoretical insights can empower organizations to effectively integrate environmental, social, and governance factors into their accounting frameworks, fostering sustainable performance and aligning their operations with societal and environmental expectations.

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