

## **The Role of Digital Platforms and E-commerce in Accelerating SME Internationalisation: Evidence from Nigerian SMEs**

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### **Abstract**

This paper examines the critical role of digital platforms and e-commerce in accelerating the internationalisation of small and medium-sized enterprises (SMEs) in Nigeria. Using a mixed-methods approach, the study integrates secondary quantitative data and qualitative thematic analysis to explore how digital technologies enable Nigerian SMEs to overcome structural constraints such as inadequate infrastructure, high transaction costs, and limited access to finance. The findings reveal that digital platforms reduce international transaction costs by up to 80%, expand market reach beyond regional confines, and improve responsiveness to consumer needs through real-time analytics. Furthermore, the synergy between e-commerce adoption and regional frameworks, such as the AfCFTA, creates unprecedented opportunities for market expansion and partnership building. However, persistent challenges, including unreliable broadband connectivity, poor electricity supply, digital skills gaps, and funding constraints, continue to hinder full-scale adoption. The paper concludes with actionable policy and managerial recommendations to enhance infrastructure, build digital capacity, and provide targeted financial support. This research contributes to both theory and practice by highlighting digitalisation as a strategic lever for global competitiveness and inclusive economic growth.

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**Keywords:** SMEs, digital platforms, e-commerce, internationalisation, AfCFTA, Nigeria

### **Introduction**

Small and medium-sized enterprises (SMEs) are widely recognised as the backbone of the Nigerian economy, contributing nearly 48% to the national Gross Domestic Product (GDP) and employing more than half of the country's industrial workforce (Abdullahi et al., 2015). Despite their substantial economic significance, Nigerian SMEs face formidable challenges when attempting to access international markets. Many fail to survive beyond their first five years due to financial, infrastructural, and regulatory constraints (Agwu, 2014). These difficulties, including high interest rates, inadequate infrastructure, and bureaucratic hurdles, often prevent SMEs from scaling their operations internationally (Onugu, 2005; Folorunso, 2017). One of the most persistent problems hindering SME internationalisation is limited access to affordable finance. High collateral requirements and double-digit interest rates constrain their ability to invest in research, product development, and export logistics (Omeihe et al., 2021; Obi, 2018). Currency volatility compounds

these challenges, as exchange rate fluctuations can erode profit margins and deter cross-border ventures (Enyinnaya, 2023). Furthermore, the absence of reliable infrastructure, such as stable electricity and efficient road networks, amplifies operational risks, making international competitiveness even more difficult to achieve (Onugu, 2005).

Beyond financial and infrastructural constraints, regulatory bottlenecks present significant barriers to SME internationalisation. Nigerian SMEs face lengthy export procedures and inconsistent policy implementation that hinder their ability to plan and execute long-term strategies (Akinbogun, 2008; Ogechukwu, 2011). Weak intellectual property rights (IPR) protections further discourage innovation and participation in global value chains, as entrepreneurs fear misappropriation of their ideas (Akinbami, 2019). These systemic issues have kept many SMEs isolated from the opportunities available in foreign markets. However, the rise of digital technologies and global digital commerce offers a new pathway for Nigerian SMEs to overcome traditional barriers and compete internationally. Digital platforms like Alibaba and Amazon are enabling businesses to directly engage global consumers, bypass intermediaries, and reduce transaction costs by up to 60–80% (Manyika et al., 2016; Eze et al., 2018). These platforms also facilitate real-time market intelligence, allowing SMEs to adapt products rapidly to meet foreign consumer preferences (Akinbami, 2019). As globalisation accelerates, the ability to leverage e-commerce and digital tools becomes not just an advantage but a necessity for SMEs seeking growth beyond domestic markets.

Regional integration initiatives such as the African Continental Free Trade Area (AfCFTA) amplify these opportunities by creating a single market of over 1.3 billion consumers and removing tariffs on over 90% of goods (Maliszewska et al., 2020). By combining digitalisation with regional agreements, Nigerian SMEs can gain improved access to new distribution networks, share best practices with regional partners, and position themselves competitively in global value chains (Eniola & Entebang, 2015). This synergy between digitalisation and regional trade frameworks holds promise for reducing costs, simplifying cross-border procedures, and expanding market reach. In light of these developments, this paper aims to explore the role of digital platforms and e-commerce in accelerating Nigerian SME internationalisation. By integrating secondary data analysis and thematic insights from existing research, the study investigates how SMEs can leverage digital transformation to bypass structural limitations and achieve competitiveness on a global scale. It further considers policy measures and managerial strategies that can support this transition, ensuring that Nigerian SMEs are not left behind in the rapidly evolving global digital economy.

## **Literature Review**

The growing body of literature on SME internationalisation underscores the relevance of digital transformation as a strategic enabler for competitiveness in developing economies. Early studies have long recognised the role of small enterprises in driving inclusive economic development, serving as engines of employment generation and innovation (Storey, 1994; Beck & Demirgüç-Kunt, 2006). In the Nigerian context, researchers have consistently identified finance, infrastructure, and regulatory frameworks as critical barriers to SME growth and export readiness (Onugu, 2005; Akingunola, 2011). The resource-based view (RBV) of the firm provides a theoretical lens for understanding how SMEs can leverage unique resources, such as technological capabilities, to overcome these constraints and achieve sustainable competitive advantage (Barney,

1991; Wernerfelt, 1984). Digitalisation and e-commerce adoption have been widely documented as transformational drivers of SME competitiveness. According to Manyika et al. (2016), digital platforms lower transaction costs, improve supply chain transparency, and democratise market access by allowing even the smallest firms to connect with global buyers. Similarly, Eze et al. (2018) argue that the integration of e-commerce tools not only enhances firm visibility but also creates opportunities for SMEs to diversify revenue streams and access previously unreachable markets. In a more recent study, Adebayo and Omolayo (2020) demonstrate that SMEs adopting online platforms experience improved export performance and faster adaptation to market changes compared to non-digitalised firms.

The literature also highlights the importance of institutional and infrastructural enablers for digital adoption. Akinbogun (2008) and Folorunso (2017) emphasise that without supportive infrastructure, reliable electricity, broadband internet, and logistics networks, the benefits of e-commerce cannot be fully realised. Similarly, regulatory frameworks must evolve to protect digital transactions and intellectual property, ensuring trust and security in cross-border exchanges (Akinbami, 2019; OECD, 2020). Weak institutional support risks widening the digital divide and leaving vulnerable SMEs behind. Empirical studies have further explored the human capital dimension of digital transformation. Research by Eniola and Entebang (2015) stresses the importance of entrepreneurial orientation, managerial competence, and training programmes in equipping SMEs to leverage digital tools effectively. In the absence of targeted capacity-building initiatives, SMEs may struggle to exploit the full potential of e-commerce, resulting in partial or failed digital adoption (Omeihe et al., 2021). Regional integration frameworks, particularly the AfCFTA, feature prominently in the literature as potential catalysts for SME growth. Maliszewska et al. (2020) suggest that the agreement could boost intra-African trade by up to 52%, providing a larger market for digitally enabled SMEs. However, they caution that achieving these gains requires harmonisation of digital trade regulations and investment in regional infrastructure. Complementary work by UNCTAD (2021) points to the need for digital literacy programmes and supportive financing instruments to ensure SMEs can seize AfCFTA opportunities.

Overall, the literature converges on the view that digital platforms and e-commerce offer powerful tools for SME internationalisation, but their success depends on a conducive enabling environment. This review underscores the necessity of a multi-level approach that integrates technological adoption with institutional reforms, capacity-building efforts, and regional collaboration to create a fertile ecosystem for SME growth in Nigeria.

## **Methodology**

This study employs a mixed-methods research design to provide a comprehensive understanding of how digital platforms and e-commerce accelerate the internationalisation of Nigerian SMEs. The mixed-methods approach was chosen to combine the strengths of quantitative data analysis with qualitative interpretation, allowing for a more nuanced exploration of the research problem (Creswell & Plano Clark, 2018). By integrating both numerical evidence and thematic insights, this methodology ensures that the findings are robust, contextually grounded, and capable of addressing the study's objectives.

## **Research Design**

The research design is exploratory and explanatory, aimed at uncovering patterns in digital adoption among SMEs and explaining their implications for internationalisation. Secondary data analysis forms the backbone of the study, relying on publicly available datasets and published research. The quantitative component uses descriptive statistics to summarise trends in SME contributions to GDP, export participation rates, and e-commerce adoption levels. For example, data from the Nigerian Bureau of Statistics (2022) and World Bank SME indicators provide empirical grounding for understanding the scale and distribution of SMEs across sectors.

## **Data Sources**

The study draws extensively on secondary data from multiple reputable sources, including government publications, international development reports, and peer-reviewed journal articles. Key datasets include those from the Nigerian Bureau of Statistics, the Small and Medium Enterprises Development Agency of Nigeria (SMEDAN), World Bank Doing Business Reports, and DHL Global Connectedness Index. These sources are complemented by scholarly research (e.g., Agwu, 2014; Omeihe et al., 2021; Manyika et al., 2016), which provide theoretical and empirical perspectives on SME challenges and digital adoption trends.

## **Data Collection and Analysis**

Quantitative data were extracted from the identified sources and organised into tables that illustrate major findings, including transaction cost reductions, market expansion effects, and key barriers to digital adoption. Descriptive analysis was conducted to identify key patterns, such as cost differences between traditional and digitally enabled exports, which are presented in Tables 1–4. The qualitative analysis employed thematic coding of findings from the literature, focusing on recurring themes such as infrastructure constraints, regulatory bottlenecks, and human capital needs. The integration of qualitative and quantitative evidence allows the study to capture both the scale of the phenomenon and the lived realities of SME operators.

## **Validity and Reliability**

To enhance validity, triangulation was applied by cross-referencing data from multiple sources. This mitigates the risk of bias and ensures consistency in reported figures. Reliability was ensured by using only credible and peer-reviewed sources, as well as government datasets with clear methodologies.

## **Ethical Considerations**

As this research is based solely on secondary data, there was no direct involvement of human participants. However, ethical standards were upheld by appropriately citing all sources in accordance with APA referencing style and respecting intellectual property rights. This methodological framework provides a rigorous foundation for analysing the role of digital platforms in SME internationalisation, ensuring that the conclusions drawn are well supported by empirical and theoretical evidence.

## Findings and Analysis

This section presents the core findings of the study and integrates them with existing literature to provide a holistic understanding of the role of digital platforms and e-commerce in the internationalisation of Nigerian SMEs. The results are presented thematically, using Tables 1–4 to illustrate key data points and providing analytical commentary that contextualises these findings within broader academic and policy debates.

### Digital Platforms as Market Equalisers

One of the most striking findings is the significant cost advantage that digital platforms offer to SMEs. As shown in **Table 1**, the adoption of digital platforms such as Alibaba, Amazon, and Jumia reduces international transaction costs by an estimated 60–80% compared to traditional export methods. This finding corroborates the work of Manyika et al. (2016), who argue that digital trade lowers entry barriers for firms by reducing the need for physical intermediaries and simplifying logistics arrangements.

**Table 1: Cost Reduction and Market Reach through Digital Platforms**

Indicator	Traditional Export	Digital Platform Export
Average International Transaction Cost	High (baseline)	60–80% lower
Market Reach	Limited (regional)	Global (direct-to-consumer)
Time to Market	Long	Short (real-time sales possible)

These reductions in cost and time-to-market are particularly significant for Nigerian SMEs, which often operate with limited working capital and cannot afford long payment cycles (Obi, 2018). By leveraging digital platforms, SMEs can engage directly with consumers across borders, receive faster payments, and reinvest revenues into scaling operations (Adebayo & Omolayo, 2020). This finding also aligns with UNCTAD (2021), which reports that firms using e-commerce experience higher export intensity than those reliant on traditional offline sales channels. Beyond cost reduction, digital platforms expand market reach, enabling Nigerian SMEs to participate in global value chains in ways that were previously unattainable. Eze et al. (2018) note that Nigerian exporters traditionally focused on regional markets in West Africa due to high logistics costs and trade complexity. However, the digital channel now makes it feasible for SMEs to reach North American and European customers, especially in niche sectors such as fashion, agro-processing, and handicrafts.

### E-commerce and Customer Engagement

A second key finding relates to the transformative effect of digital tools on customer engagement. **Table 2** highlights that digitalisation enables SMEs to access real-time market intelligence, drastically shortening feedback cycles and accelerating product adaptation.

**Table 2: Impact of Digital Tools on Customer Engagement**

Metric	Pre-Digital Adoption	Post-Digital Adoption
Market Intelligence Access	Low	High (real-time analytics)
Customer Feedback Cycle	Weeks/Months	Hours/Days
Product Adaptation Speed	Slow	Agile (continuous iteration)

Before adopting digital tools, SMEs relied on anecdotal feedback, which delayed their ability to adjust product offerings to meet market demands. This slow cycle often resulted in lost opportunities and customer dissatisfaction (Agwu, 2014). Post-adoption, however, firms gain access to analytics dashboards, social media sentiment data, and direct customer reviews that inform decision-making (Omeihe et al., 2021). This is consistent with findings by OECD (2020), which highlight the role of data-driven insights in enhancing SME competitiveness. The accelerated feedback cycle also improves agility. For example, Nigerian SMEs producing fashion items can adjust designs and production volumes in response to trends observed on Instagram or TikTok within days, rather than waiting until the next production season. This responsiveness enables firms to capture transient consumer preferences and differentiate themselves from larger competitors who may be slower to react (Eniola & Entebang, 2015).

### Regional Integration Synergy

The synergy between digitalisation and regional integration frameworks such as AfCFTA further amplifies opportunities for SMEs. As shown in **Table 3**, combining digitalisation with AfCFTA liberalisation leads to expanded market size, lower trade complexity, and more frequent cross-border partnerships.

**Table 3: Digitalisation + AfCFTA Effect on SMEs**

Dimension	Without Digitalisation	With Digitalisation + AfCFTA
Market Size Accessed	< 20% of African Market	Up to 90% tariff-free access
Trade Complexity	High (paper-heavy)	Reduced (e-documents, digital clearance)
Cross-Border Partnerships	Rare	Frequent, digitally facilitated

These results support Maliszewska et al. (2020), who predict significant trade expansion under AfCFTA, particularly for firms able to exploit digital tools for compliance and documentation. The reduction of trade complexity through electronic documentation lowers transaction times, which is critical for perishable goods and just-in-time production models (World Bank, 2022). Moreover, the digital ecosystem fosters partnerships by making it easier for SMEs to identify regional suppliers, logistics partners, and distributors through online B2B marketplaces (UNCTAD, 2021).

However, this opportunity is not evenly distributed. Firms with poor digital infrastructure or limited e-commerce literacy risk being excluded from these benefits. This finding reinforces calls for targeted digital skills training and infrastructure investment to prevent a widening digital divide (Akinbogun, 2008).

### Challenges in Digital Adoption

Despite the positive trends, Nigerian SMEs face substantial barriers to fully exploiting digital opportunities. **Table 4** summarises the key obstacles, which include infrastructural deficits, unreliable internet connectivity, skills gaps, and financial constraints.

**Table 4: Key Barriers to Digital Adoption**

Barrier	Description	Impact on Internationalisation
Power Supply	Frequent outages	Limits e-commerce uptime
Internet Connectivity	Unreliable broadband	Hinders global communication
Digital Skills Gap	Lack of training	Reduces ability to leverage analytics
Finance	High cost of technology	Slows adoption of e-commerce tools

These barriers are consistent with findings from Akinbogun (2008) and Folorunso (2017), who note that infrastructural deficits significantly undermine SME productivity and competitiveness. Internet connectivity remains a major concern, particularly outside major urban centres, leading to frequent disruptions in online operations (Omeihe et al., 2021). Digital skills gaps also mean that even when technology is available, SMEs may fail to optimise its use. This observation echoes the findings of Eniola and Entebang (2015), who stress the importance of managerial capacity and entrepreneurial orientation in driving successful digital transformation. Financial constraints are another major impediment. The high cost of acquiring e-commerce tools, building websites, and maintaining secure online payment systems places a heavy burden on SMEs with thin profit margins (Obi, 2018). Without access to affordable financing mechanisms or government incentives, many SMEs cannot sustain digital investments long enough to realise returns.

### Synthesis of Findings

The findings collectively demonstrate that digital platforms and e-commerce offer powerful avenues for SME internationalisation but require an enabling ecosystem to achieve full impact. Cost reduction, enhanced market reach, and improved agility are clear benefits, but these gains are contingent on adequate infrastructure, digital literacy, and supportive policies. The integration of tables within the analysis illustrates the magnitude of the changes brought about by digital adoption, reinforcing the argument that digitalisation is no longer optional but essential for Nigerian SMEs seeking growth. These findings contribute to the broader discourse by providing empirical evidence specific to the Nigerian context, thus addressing the literature gap identified earlier. They also have policy relevance, highlighting the areas where government intervention—such as subsidised broadband access, SME digital training programmes, and export credit facilities—could unlock further growth (OECD, 2020; UNCTAD, 2021). This section underscores the transformative potential of digital platforms and e-commerce for Nigerian SMEs while also drawing attention to

the persistent barriers that must be addressed. It sets the stage for the subsequent discussion section, which explores the strategic, managerial, and policy implications of these findings in greater depth.

## **Discussion**

The findings from this study present a compelling case for digital platforms and e-commerce as transformative drivers of SME internationalisation in Nigeria. This discussion section critically interprets these findings, linking them with theoretical frameworks such as the Resource-Based View (RBV), innovation diffusion theory, and institutional theory, while integrating additional secondary references to situate the results within a global context.

### **Linking Findings to Resource-Based View (RBV)**

The RBV posits that firms achieve sustained competitive advantage by acquiring and deploying valuable, rare, inimitable, and non-substitutable (VRIN) resources (Barney, 1991). In the context of Nigerian SMEs, digital platforms function as VRIN resources because they enable firms to access global markets with relatively low capital outlay. The evidence presented in Table 1, showing a 60–80% reduction in transaction costs, illustrates how digital platforms create cost advantages that are difficult for competitors relying on traditional export methods to replicate (Manyika et al., 2016). Furthermore, data analytics capabilities offered by e-commerce platforms serve as intangible resources that improve strategic decision-making. As indicated in Table 2, firms gain real-time market intelligence and feedback, which enhances their ability to anticipate demand shifts and innovate accordingly. These capabilities meet the VRIN criteria, particularly the dimension of inimitability, since they are tied to firm-specific learning processes and cannot easily be duplicated by rivals (Teece et al., 1997).

### **Diffusion of Innovation and Digital Adoption**

The adoption of e-commerce can also be examined through the lens of Rogers' (2003) diffusion of innovation theory, which outlines five attributes influencing adoption: relative advantage, compatibility, complexity, trialability, and observability. The findings demonstrate that digital platforms offer a clear relative advantage (lower costs and broader reach), which is driving increased adoption among Nigerian SMEs. However, barriers such as poor internet connectivity and limited digital literacy (Table 4) highlight persistent challenges with complexity and compatibility that slow diffusion among late adopters. This interpretation is consistent with the work of Adebayo and Omolayo (2020), who found that SMEs with higher entrepreneurial orientation are more likely to overcome these barriers and become early adopters. Policy interventions aimed at reducing complexity, such as training programmes and affordable cloud-based e-commerce solutions, could therefore accelerate diffusion across a broader spectrum of SMEs.

### **Institutional and Infrastructure Perspectives**

Institutional theory emphasises the importance of formal and informal institutions in shaping organisational behaviour (North, 1990). The findings underscore that regulatory inefficiencies and infrastructural gaps continue to impede SME participation in international markets (Akinbogun, 2008; Folorunso, 2017). For example, while AfCFTA promises 90% tariff-free access to the African market (Maliszewska et al., 2020), firms without reliable broadband or power supply remain excluded from reaping its full benefits. Institutional support is therefore critical for enabling



equitable participation. Governments can play a facilitative role by improving digital infrastructure, harmonising trade regulations, and supporting SME-friendly export documentation processes. This aligns with OECD (2020) recommendations for creating national digital strategies that explicitly target SMEs.

### **Strategic Implications for SMEs**

The findings have several implications for SME managers. First, the ability to integrate digital tools into core business processes becomes a strategic imperative rather than an optional upgrade. Firms that strategically invest in digital marketing, data analytics, and automated customer relationship management systems are better positioned to sustain competitive advantage (Eniola & Entebang, 2015). Second, SMEs must develop capabilities to manage cross-border logistics effectively. Although digital platforms connect businesses with foreign buyers, fulfillment remains a bottleneck if firms cannot guarantee timely delivery. Strategic partnerships with logistics providers and the use of technology-enabled supply chain solutions can mitigate this risk (World Bank, 2022). Finally, managers should adopt an agile, experimentation-oriented mindset. The shortened feedback loops highlighted in Table 2 suggest that SMEs can iterate rapidly, but only if they are willing to pivot strategies based on data insights. This aligns with the dynamic capabilities framework, which stresses the importance of sensing, seizing, and transforming resources in response to environmental changes (Teece et al., 1997).

### **Policy Implications**

From a policy perspective, the results highlight the need for a coordinated national strategy to promote digital SME internationalisation. Subsidies for broadband access, incentives for e-commerce platform participation, and the creation of digital skills hubs could significantly accelerate adoption. Similar initiatives have been successful in other emerging economies. For instance, India's Digital MSME Scheme has been credited with increasing productivity and export participation among small firms (Gupta & Singh, 2019). Moreover, the government should address structural barriers such as power reliability and customs bottlenecks. Digitalisation of customs clearance processes, as observed in countries like Rwanda, has led to reduced clearance times and increased trade volumes (UNCTAD, 2021). Nigeria could replicate such models to boost SME competitiveness.

### **Broader Implications for Economic Development**

The broader economic implications of SME digitalisation extend beyond firm-level competitiveness. Increased participation of SMEs in international trade contributes to export diversification, reduces over-reliance on oil revenues, and generates foreign exchange earnings (Ogechukwu, 2011). Furthermore, digitally enabled SMEs often create new employment opportunities, particularly for youth and women, thus contributing to inclusive economic growth (Beck & Demirgüç-Kunt, 2006). The potential spillover effects also include the diffusion of innovation across sectors. As SMEs adopt digital tools, they set benchmarks that encourage other firms to modernise operations, creating a multiplier effect within the economy (Storey, 1994). However, to fully capture these benefits, policymakers must ensure that interventions are inclusive and do not inadvertently widen the gap between digitally advanced SMEs and those lagging behind.

## **Limitations and Future Research Directions**

While the findings are robust, they are based primarily on secondary data, which may not fully capture the heterogeneity of SME experiences. Future research could employ longitudinal designs and primary data collection to assess how digital adoption impacts firm performance over time. Comparative studies between Nigeria and other African countries could also yield insights into context-specific enablers and constraints. Another area for future inquiry is the role of fintech solutions in facilitating SME participation in digital trade. Given that access to finance remains a major constraint, investigating how mobile money and digital lending platforms influence export performance could provide valuable policy insights (Omeihe et al., 2021).

## **Summary of Discussion**

Overall, the discussion underscores that digital platforms and e-commerce are not merely tools for operational efficiency but strategic levers for SME transformation. The integration of RBV, innovation diffusion theory, and institutional perspectives offers a multi-dimensional understanding of how Nigerian SMEs can harness digitalisation to achieve international competitiveness. At the same time, the persistent infrastructural and financial barriers signal the need for sustained institutional support and targeted policy interventions. By critically interpreting the findings, this section reinforces the central argument of the paper: that digitalisation offers a viable pathway for Nigerian SMEs to overcome structural constraints and integrate into the global economy, provided the right mix of managerial strategies and policy frameworks is in place.

## **Policy and Managerial Implications**

The findings of this study carry significant implications for policymakers, industry stakeholders, and SME managers seeking to leverage digital platforms for internationalisation. Translating the evidence into actionable strategies is essential to ensure that SMEs can overcome structural constraints and fully exploit the opportunities offered by e-commerce.

### **Policy Implications**

Policymakers must prioritise the development of robust digital infrastructure as a foundational step. Reliable broadband connectivity, stable electricity, and secure payment systems are prerequisites for effective digital trade participation. Public-private partnerships can play a key role in accelerating infrastructure rollout, particularly in underserved regions where SMEs face the greatest connectivity challenges (OECD, 2020). Government-backed programmes could subsidise internet access for SMEs or incentivise telecom providers to expand coverage into rural areas. Regulatory reforms are also critical. Simplifying customs clearance procedures and harmonising export documentation through digital platforms can significantly reduce transaction costs and improve turnaround times (UNCTAD, 2021). Nigeria could adopt best practices from countries that have successfully digitised trade processes, such as Rwanda's electronic single-window system, which has cut clearance times by more than 50%. Policymakers should also strengthen cybersecurity frameworks and intellectual property protections to foster trust and reduce risks for SMEs engaging in cross-border e-commerce (Akinbami, 2019). In addition, targeted capacity-building initiatives are needed to equip SMEs with the skills required to thrive in the digital

economy. Establishing SME-focused digital literacy hubs, offering subsidised training on e-commerce tools, and integrating digital trade modules into business development programmes could enhance readiness for international markets. Furthermore, access to finance must be improved through the expansion of credit guarantee schemes, digital loan platforms, and export credit facilities that lower the cost of acquiring technology and scaling operations (Omeihe et al., 2021).

### **Managerial Implications**

For SME managers, the results highlight the importance of embedding digital transformation into their core business strategy. Managers should invest in building strong online presences through professional websites, social media channels, and participation in reputable e-commerce marketplaces. Leveraging data analytics to understand customer behaviour and refine marketing strategies is no longer optional but a determinant of competitiveness (Eze et al., 2018).

Managers must also adopt a proactive approach to capacity building, training staff to use digital tools efficiently and encouraging a culture of continuous learning. Establishing partnerships with logistics providers, fintech firms, and digital marketing agencies can help SMEs overcome resource constraints and access expertise that would otherwise be unavailable in-house. Embracing agile methodologies, rapid prototyping, iterative product development, and real-time responsiveness to market signals, will enable firms to remain competitive in dynamic international markets (Teece et al., 1997). Finally, collaboration among SMEs themselves can be a powerful strategy. By forming digital clusters or consortia, SMEs can pool resources to negotiate better rates with service providers, share knowledge, and collectively access foreign markets. Such cooperative models have been shown to increase bargaining power and reduce transaction costs (Gupta & Singh, 2019). A coordinated approach that integrates policy reform, infrastructure investment, and managerial innovation is required to unlock the full potential of digital platforms for SME internationalisation. When these measures are implemented synergistically, Nigerian SMEs can transition from being predominantly domestic players to competitive participants in global value chains, thereby contributing to sustained economic growth and diversification.

### **Conclusion**

This study set out to explore the role of digital platforms and e-commerce in accelerating the internationalisation of Nigerian SMEs, and the findings demonstrate that digitalisation represents a transformative pathway for overcoming traditional barriers to global market participation. The evidence shows that adopting e-commerce tools significantly reduces transaction costs, shortens time-to-market, and enhances firms' ability to reach diverse consumer segments. These benefits are amplified when combined with regional trade frameworks such as AfCFTA, which expand market opportunities and simplify cross-border processes. Crucially, the study also highlights that the advantages of digitalisation are not automatic. Infrastructural deficiencies, digital skills gaps, and financial constraints remain persistent obstacles that risk excluding many SMEs from participating fully in global value chains as such, a coordinated strategy is required, one that integrates infrastructure investment, regulatory reform, and capacity-building initiatives to create an enabling environment for digital trade.

From a managerial perspective, the results emphasise that SME leaders must embrace digital transformation as a core strategic priority. This involves developing internal capabilities to leverage

data analytics, respond rapidly to market signals, and form collaborative networks that enhance competitiveness. Policymakers, in turn, must ensure that supportive ecosystems are in place through targeted interventions in broadband expansion, customs digitisation, and SME financing. Overall, the study contributes to both academic and practical discourse by providing empirical evidence of how digitalisation can catalyse SME growth and by outlining actionable recommendations for stakeholders. If implemented, these measures can position Nigerian SMEs as active players in global trade, thereby supporting economic diversification, job creation, and sustainable development. In an era where global commerce is increasingly digitised, failing to invest in SME digitalisation risks widening the competitiveness gap. Conversely, a deliberate push towards digital empowerment can help Nigeria harness its entrepreneurial potential and secure a stronger presence in international markets.

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