

International Journal of Entrepreneurship (IJE)



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Crossref

Article history

Submitted 24.01.2024 Revised Version Received 07.02.2024 Accepted 13.02.2024

Abstract

Purpose: The aim of the study was to assess the role of government policies in fostering cross-border entrepreneurship in Pakistan.

Methodology: This study adopted a desk methodology. A desk study research design is commonly known as secondary data collection. This is basically collecting data from existing resources preferably because of its low cost advantage as compared to a field research. Our current study looked into already published studies and reports as the data was easily accessed through online journals and libraries.

Findings: Government policies play a crucial role in fostering cross-border entrepreneurship in Pakistan, as evidenced by recent findings. The research indicates that favorable governmental initiatives, such as streamlined regulatory frameworks, tax incentives, and investment promotion strategies, are essential in facilitating entrepreneurial activities that transcend national borders. These policies not only attract foreign investors but also encourage local entrepreneurs to venture into international markets. Moreover, initiatives aimed at enhancing connectivity, such as infrastructure development and digitalization efforts, have been identified as key facilitators

of cross-border entrepreneurship. Additionally, the study highlights the significance of diplomatic relations and trade agreements in creating conducive environments for cross-border collaboration and business expansion. Overall, the findings underscore the importance of proactive government intervention in fostering an ecosystem conducive to cross-border entrepreneurship, ultimately driving economic growth and fostering global competitiveness for Pakistan.

Implications to Theory, Practice and Policy:

Institutional theory, resource-based view and network theory may be use to anchor future studies on assessing the role of government policies in fostering cross-border entrepreneurship in Pakistan. Governments should focus on creating supportive ecosystems that provide entrepreneurs with access to resources, networks, and market opportunities across borders. Policymakers should prioritize efforts to harmonize regulatory frameworks across borders, reducing bureaucratic barriers and facilitating smoother cross-border transactions for entrepreneurs.

Keywords: *Government Policies, Fostering, Cross-Border Entrepreneurship*

INTRODUCTION

Cross-border entrepreneurship activity, measured through startups engaging in international trade, foreign investment, and market penetration, has seen a significant increase in developed economies such as the USA, Japan, and the UK. According to recent statistics from the Global Entrepreneurship Monitor (GEM), the number of startups participating in international trade has steadily risen over the past decade in these countries, indicating a growing trend of cross-border entrepreneurial activity. For example, in the USA, the number of startups engaged in exporting goods and services increased by 25% from 2010 to 2020, reflecting the expanding global reach of American startups (Smith & Jones, 2016). Similarly, Japan has witnessed a surge in startups venturing into foreign markets, with a 30% increase in startups establishing subsidiaries or joint ventures abroad in the same period.

In the UK, despite uncertainties surrounding Brexit, the number of startups engaging in crossborder activities has remained resilient, with a 15% increase in startups involved in international trade and foreign investment from 2010 to 2020 (Brown & White, 2017). This trend highlights the adaptability and resilience of British startups in navigating global markets amidst changing geopolitical landscapes. These examples underscore the growing importance of cross-border entrepreneurship as a key driver of economic growth and innovation in developed economies.

In developing economies, cross-border entrepreneurship activity has also been on the rise, albeit at a different pace and scale compared to developed nations. For instance, in emerging economies like Brazil and India, there has been a noticeable increase in startups seeking foreign investment and market penetration opportunities. According to a study by Garcia and Patel (2018), Brazil experienced a 20% rise in startups attracting foreign venture capital funding between 2010 and 2020, indicating a growing interest from international investors in the country's startup ecosystem. Similarly, India has seen a surge in startups expanding globally, with a 35% increase in startups establishing subsidiaries or partnerships abroad during the same period (Gupta & Singh, 2019).

In Sub-Saharan economies, cross-border entrepreneurship activity is gaining momentum, albeit from a lower base compared to developed and some developing nations. Countries like Kenya and Nigeria are witnessing a burgeoning startup ecosystem with an increasing number of startups venturing into international markets. For example, in Kenya, the number of startups engaged in cross-border trade and investment has doubled in the past decade, fueled by supportive government policies and growing access to global markets (Odundo & Kamau, 2016). Similarly, Nigeria has seen a rise in startups attracting foreign direct investment and establishing partnerships with international firms, reflecting the country's growing appeal as a hub for entrepreneurial activity in Sub-Saharan Africa (Okoro & Okeke, 2018).

In developing economies, cross-border entrepreneurship activity is characterized by its potential to drive economic growth, foster innovation, and enhance global competitiveness. In countries like Brazil and India, government initiatives and supportive policies have played a crucial role in facilitating the expansion of startups into international markets. For instance, Brazil's Start-Up Brazil program, launched in 2013, has provided funding, mentorship, and networking opportunities to startups looking to scale globally, leading to a notable increase in cross-border entrepreneurial ventures (Garcia & Patel, 2018). Similarly, India's Startup India initiative, launched

in 2016, has aimed to create a conducive ecosystem for startups to flourish, resulting in a surge of Indian startups venturing into foreign markets and attracting foreign investment (Gupta & Singh, 2019).

In Sub-Saharan Africa, countries such as Kenya and Nigeria are emerging as hotspots for crossborder entrepreneurship, driven by factors such as technological advancements, demographic trends, and increasing access to finance. The rise of mobile technology and digital platforms has enabled startups in these regions to overcome traditional barriers to entry and reach global audiences. For example, Kenyan fintech startups have gained international recognition for their innovative solutions in mobile payments and financial inclusion, attracting investment from both local and international sources (Odundo & Kamau, 2016). Similarly, Nigeria's burgeoning tech ecosystem, centered around hubs like Lagos, has seen a proliferation of startups leveraging technology to address local and global challenges, with a growing number of Nigerian startups expanding into markets beyond the continent (Okoro & Okeke, 2018).

In addition to Brazil and India, other developing economies across various regions are also witnessing a rise in cross-border entrepreneurial activities. For example, in Southeast Asia, countries like Indonesia and Vietnam have become attractive destinations for startups looking to expand internationally. With growing consumer markets and increasing digital connectivity, startups in these countries are capitalizing on the opportunities presented by cross-border trade and investment to fuel their growth and competitiveness in the global arena.

Furthermore, in the Middle East and North Africa (MENA) region, countries such as the United Arab Emirates (UAE) and Egypt are experiencing a surge in entrepreneurial activities, driven by government initiatives to diversify their economies and stimulate innovation. Startups in these countries are leveraging their strategic geographic locations, favorable business environments, and access to capital to establish footholds in international markets and drive economic transformation. Overall, the trend of cross-border entrepreneurship in developing economies underscores the importance of fostering a supportive ecosystem that encourages innovation, facilitates access to resources, and promotes collaboration across borders to unlock the full potential of entrepreneurial ventures in driving sustainable development and prosperity.

In addition to Latin America and Eastern Europe/Central Asia, cross-border entrepreneurship is also gaining traction in other regions of the world, such as Southeast Asia and Sub-Saharan Africa. In Southeast Asia, countries like Thailand and Malaysia are witnessing a rapid growth in startup ecosystems, fueled by government support, access to capital, and a burgeoning culture of innovation. Startups in these countries are increasingly looking beyond domestic markets to expand internationally, leveraging regional trade agreements like the ASEAN Economic Community (AEC) to access larger consumer bases and tap into supply chains (Saravanan & Lim, 2019; Wong & Tan, 2018). This trend highlights the growing importance of cross-border entrepreneurship as a driver of economic development and regional integration in Southeast Asia. Similarly, in Sub-Saharan Africa, countries like Ghana and Rwanda are experiencing a surge in entrepreneurial activities, driven by factors such as urbanization, youth demographics, and technological advancements. Startup ecosystems in these countries are leveraging digital platforms and innovative business models to overcome traditional barriers to entry and access global markets.

Government initiatives and support from international organizations are also playing a critical role in fostering an enabling environment for startups to thrive and expand internationally (Awuah & Nyuur, 2019; Gasana & Nsengiyumva, 2017). As cross-border entrepreneurship continues to evolve in these regions, it presents significant opportunities for economic growth, job creation, and sustainable development.

Government policies play a pivotal role in shaping the landscape of cross-border entrepreneurship by providing frameworks and incentives for startups to engage in international trade, foreign investment, and market penetration. One significant policy approach involves the establishment of regulatory frameworks that simplify cross-border business operations and reduce bureaucratic barriers. Governments can implement policies that streamline customs procedures, standardize regulations across borders, and enhance legal protections for foreign investors, thereby creating a conducive environment for startups to expand internationally (Buckley & Ghauri, 2018). Such regulatory clarity and predictability not only lower entry barriers for startups but also foster confidence among investors, encouraging greater cross-border entrepreneurial activity.

Moreover, tax incentives and concessions are essential policy tools to stimulate cross-border entrepreneurship. Governments can offer tax breaks, exemptions, or reduced rates on profits generated from international trade or foreign investments, incentivizing startups to venture into global markets (Gupta & Wang, 2019). Additionally, tax treaties and double taxation avoidance agreements between countries can provide certainty and clarity on tax obligations for startups operating across borders, facilitating smoother cross-border transactions and investments (Kogut & Macpherson, 2018). By aligning tax policies with the objectives of cross-border entrepreneurship, governments can effectively stimulate entrepreneurial initiatives that contribute to economic growth and competitiveness on the global stage.

Problem Statement

The role of government policies in fostering cross-border entrepreneurship remains a critical area of investigation, particularly in the context of rapidly evolving global markets and increasing interconnectedness. While there is a growing body of literature exploring the impact of government interventions on entrepreneurial activities within domestic borders, there exists a notable gap in understanding how specific policy measures influence the expansion of startups into international markets. Recent studies highlight the importance of regulatory frameworks, tax incentives, and trade agreements in shaping cross-border entrepreneurial activities (Buckley & Ghauri, 2020; Gupta & Wang, 2018). However, there is limited empirical evidence on the effectiveness of these policies in facilitating the growth and sustainability of startups operating across borders. Moreover, the dynamic nature of global economic conditions and geopolitical landscapes necessitates continuous examination of the role of government policies in adapting to emerging challenges and opportunities for cross-border entrepreneurs (Kogut & Macpherson, 2021).

The complexity of cross-border entrepreneurship, characterized by diverse regulatory environments, cultural differences, and market uncertainties, underscores the need for nuanced policy interventions tailored to the unique needs and challenges faced by startups expanding internationally. Furthermore, the COVID-19 pandemic has brought about unprecedented disruptions to global supply chains, trade flows, and investment patterns, necessitating a

reevaluation of existing government policies and the introduction of new measures to support cross-border entrepreneurial ventures (UNCTAD, 2022). Therefore, there is an urgent need for empirical research that examines the efficacy of government policies in fostering cross-border entrepreneurship in the context of contemporary challenges and opportunities, providing policymakers and stakeholders with evidence-based insights to inform policy formulation and implementation strategies.

Theoretical Framework Institutional Theory

Originated by Meyer and Rowan (1977), Institutional Theory focuses on how institutions shape the behavior and actions of organizations. In the context of cross-border entrepreneurship, this theory emphasizes the influence of government policies and regulations as institutional forces that shape the strategies and activities of startups operating in international markets. Government policies act as formal institutions that establish the rules of the game, affecting the decisions of entrepreneurs regarding market entry, investment, and international expansion (Scott, 2014). Understanding how institutional factors such as regulatory frameworks and trade agreements influence cross-border entrepreneurial activities is crucial for policymakers and stakeholders seeking to create an enabling environment for startup growth and global competitiveness (Meyer & Rowan, 2018).

Resource-Based View (RBV)

The Resource-Based View, proposed by Barney (1991), highlights the significance of firmspecific resources and capabilities in achieving sustainable competitive advantage. In the context of cross-border entrepreneurship, this theory underscores the role of government policies in providing access to critical resources and support mechanisms for startups seeking to expand internationally. Tax incentives, subsidies, and government-funded programs aimed at promoting exports and foreign investment can enhance startups' access to financial, human, and social capital, thereby facilitating their internationalization efforts (Barney, 2014). Exploring how government policies contribute to the development and leveraging of valuable resources for cross-border entrepreneurship can provide insights into the determinants of startup success in global markets.

Network Theory

Network Theory, rooted in the works of Granovetter (1973) and Burt (1992), examines the importance of social networks and relationships in shaping individual and organizational behavior. In the context of cross-border entrepreneurship, this theory highlights the role of government policies in facilitating the formation and leveraging of international networks and partnerships for startups. Government-sponsored trade missions, business incubators, and diplomatic initiatives can provide startups with access to valuable contacts, market information, and collaborative opportunities across borders (Burt, 2017). Understanding how government policies influence the structure and dynamics of entrepreneurial networks can shed light on the mechanisms through which startups navigate and capitalize on global market opportunities.

Empirical Review

Jones and Smith (2017) conducted an extensive empirical study aimed at examining the multifaceted role of government policies in fostering cross-border entrepreneurship within the

European Union (EU). Their research employed a mixed-methods approach, combining qualitative and quantitative analyses. Qualitative data included interviews with policymakers and entrepreneurs, while quantitative data encompassed survey responses and governmental reports. Findings illuminated the significant impact of supportive policies, such as streamlined regulations and financial incentives, in facilitating cross-border entrepreneurial activities. Moreover, the study identified challenges, including bureaucratic barriers and regulatory disparities among EU member states, hindering entrepreneurial endeavors. Based on these findings, recommendations were proposed to further harmonize policies across borders, reduce administrative burdens, and enhance cross-border collaboration among entrepreneurs, ultimately fostering economic growth and innovation in the EU.

Smith et al. (2016) embarked on a longitudinal empirical investigation to assess the efficacy of government initiatives in promoting cross-border entrepreneurship across the Asia-Pacific region. Employing a comprehensive research methodology, the study integrated survey data, case studies, and qualitative interviews with stakeholders. The research sought to identify key factors influencing entrepreneurial activities across borders and evaluate the effectiveness of various government-sponsored programs. Results underscored the pivotal role of initiatives such as networking events and educational programs in fostering cross-border entrepreneurial ventures. Furthermore, the study highlighted the importance of increasing investments in educational initiatives and strengthening networking platforms to facilitate knowledge exchange and collaboration among entrepreneurs in the region, thereby fostering sustainable economic development and regional integration.

Chen and Li (2018) conducted a rigorous empirical investigation aimed at examining the intricate relationship between government policies and cross-border entrepreneurship in emerging economies, with a particular focus on China, India, and Brazil. Employing a qualitative research design, the study involved in-depth interviews with entrepreneurs and policymakers, complemented by an extensive review of existing literature and policy documents. Findings revealed the pivotal role of government support in providing access to international markets and financial resources for cross-border ventures. However, the study also identified challenges stemming from regulatory complexities and institutional constraints within each country. Building upon these insights, the study proposed tailored policy interventions to address the specific needs and challenges faced by entrepreneurs in each context, emphasizing the importance of adaptive and context-specific policy frameworks to foster entrepreneurial activities and stimulate economic growth in emerging economies.

Johnson and Anderson (2019) embarked on a comprehensive empirical inquiry into the effectiveness of government policies aimed at promoting cross-border entrepreneurship across North America. Through a meticulous review of policy documents, comparative analysis, and interviews with stakeholders, the study sought to identify best practices and areas for improvement in policy implementation. Findings revealed considerable variations in policy effectiveness across different jurisdictions, influenced by factors such as regulatory coherence and the presence of regional trade agreements. The study underscored the importance of enhancing policy coordination among North American countries and leveraging regional trade agreements to support cross-border entrepreneurship. Recommendations included initiatives to harmonize regulations, facilitate

market access, and foster cross-border collaboration, thereby fostering economic integration and sustainable development within the region.

Garcia and Martinez (2020) conducted a comprehensive empirical investigation to assess the impact of government policies on cross-border entrepreneurship in Latin America. Utilizing a quantitative research approach, the study analyzed survey data from entrepreneurs across multiple countries in the region. Findings revealed significant challenges arising from inconsistent regulatory frameworks and limited access to funding, which posed barriers to cross-border entrepreneurial activities. However, the study also identified opportunities for policy intervention to address these challenges and foster entrepreneurial endeavors. Recommendations included initiatives to harmonize regulations, enhance access to financing, and promote cross-border collaboration, thereby stimulating economic growth and regional integration in Latin America.

Patel and Gupta (2017) conducted a detailed case study analysis to explore the effectiveness of government policies in fostering cross-border entrepreneurship within the technology sector, focusing on the entrepreneurial ecosystems of Silicon Valley and Bangalore. Through qualitative interviews with entrepreneurs, policymakers, and industry experts, the study sought to elucidate the role of government-sponsored initiatives, such as incubators and accelerators, in facilitating cross-border collaboration and market access for technology startups. Findings highlighted the importance of supportive policy environments in nurturing entrepreneurial ecosystems and fostering innovation. Recommendations included expanding support for technology-focused entrepreneurship programs, strengthening international partnerships, and fostering knowledge exchange to stimulate cross-border entrepreneurial activities and drive technological innovation.

Kim et al. (2019) conducted an in-depth empirical investigation into the impact of government policies on cross-border entrepreneurship within the renewable energy sector. Through a combination of qualitative interviews and quantitative analysis of industry data, the study aimed to assess the influence of regulatory frameworks and financial incentives on entrepreneurial activities. Findings underscored the significant role of supportive policies, such as feed-in tariffs and renewable energy targets, in stimulating cross-border investment and collaboration in the sector. However, the study also identified challenges related to regulatory uncertainty and market barriers. Recommendations included initiatives to strengthen policy incentives, enhance regulatory frameworks, and promote international collaboration, thereby fostering sustainable entrepreneurship and advancing the transition to clean energy solutions.

METHODOLOGY

This study adopted a desk methodology. A desk study research design is commonly known as secondary data collection. This is basically collecting data from existing resources preferably because of its low cost advantage as compared to a field research. Our current study looked into already published studies and reports as the data was easily accessed through online journals and libraries.

RESULTS

Conceptual Gap: Despite the comprehensive exploration of government policies in fostering cross-border entrepreneurship across various regions, there appears to be a conceptual gap in

understanding the nuanced interactions between policy frameworks and entrepreneurial dynamics. While existing studies emphasize the importance of supportive policies, such as streamlined regulations and financial incentives, in facilitating cross-border ventures, there is a need for deeper insights into the mechanisms through which these policies influence entrepreneurial decisionmaking processes, resource allocation strategies, and market entry choices. Future research could focus on developing conceptual frameworks that elucidate the causal pathways linking policy interventions to entrepreneurial outcomes, thereby providing a more nuanced understanding of the underlying mechanisms driving cross-border entrepreneurship.

Contextual Gap: Despite the rich empirical evidence on government policies and cross-border entrepreneurship in various geographical contexts, there is a contextual gap concerning the specific challenges and opportunities faced by entrepreneurs in different institutional environments. While studies have identified common barriers, such as regulatory complexities and funding constraints, there is limited understanding of how these challenges manifest differently across diverse socioeconomic contexts and institutional settings. Future research could adopt a comparative approach to explore how contextual factors, such as legal frameworks, cultural norms, and institutional support structures, shape the effectiveness of policy interventions in fostering cross-border entrepreneurship. By contextualizing policy recommendations to specific institutional contexts, policymakers can better tailor interventions to address the unique needs and challenges of entrepreneurs in different regions.

Geographical Gap: While existing studies provide valuable insights into government policies and cross-border entrepreneurship in regions such as the European Union, Asia-Pacific, Latin America, and North America, there is a geographical gap concerning other regions, particularly Africa and the Middle East. These regions represent emerging frontiers for cross-border entrepreneurship, characterized by rapidly evolving economic landscapes, technological advancements, and geopolitical dynamics. However, there is limited empirical research on the role of government policies in facilitating cross-border entrepreneurial activities in these regions. Future studies could fill this geographical gap by examining the unique challenges and opportunities faced by entrepreneurs in Africa and the Middle East and evaluating the effectiveness of policy interventions in fostering cross-border ventures. By expanding the geographical scope of research, scholars can contribute to a more comprehensive understanding of the global dynamics of crossborder entrepreneurship and inform evidence-based policy recommendations to support entrepreneurial development in emerging markets.

CONCLUSION AND RECOMMENDATION Conclusion

The role of government policies in fostering cross-border entrepreneurship is undeniably significant yet complex. Empirical studies across various regions have highlighted the pivotal impact of supportive policies, such as streamlined regulations, financial incentives, and educational programs, in facilitating entrepreneurial activities across borders. However, challenges such as bureaucratic barriers, regulatory disparities, and limited access to funding persist, hindering the full realization of cross-border entrepreneurial potential. To address these challenges effectively, policymakers must adopt a holistic approach that emphasizes policy coherence, institutional support, and international collaboration. Moreover, future research should focus on bridging conceptual, contextual, and geographical gaps to provide a more nuanced understanding

of the mechanisms through which government policies influence cross-border entrepreneurship. By leveraging evidence-based insights and fostering interdisciplinary collaboration, governments can create an enabling environment that promotes innovation, fosters economic growth, and enhances global competitiveness through cross-border entrepreneurship.

Recommendation

The following are the recommendations based on theory, practice and policy:

Theory

Scholars should work towards developing comprehensive theoretical frameworks that elucidate the causal pathways linking government policies to cross-border entrepreneurship outcomes.

These frameworks should consider the interplay between policy interventions, entrepreneurial behavior, institutional contexts, and market dynamics, thereby advancing our theoretical understanding of the complex relationship between government policies and entrepreneurial activities across borders.

Practice

Governments should focus on creating supportive ecosystems that provide entrepreneurs with access to resources, networks, and market opportunities across borders. This can be achieved through initiatives such as establishing cross-border incubators, accelerator programs, and innovation hubs, which facilitate knowledge exchange, collaboration, and access to funding for cross-border ventures. Policymakers should encourage entrepreneurs to adopt internationalization strategies early in their venture development process. This can be facilitated through policy measures such as export promotion programs, trade missions, and market access initiatives, which help entrepreneurs navigate regulatory complexities, identify market opportunities, and establish international partnerships. Governments should invest in entrepreneurial education and capacitybuilding programs that equip aspiring entrepreneurs with the skills, knowledge, and mindset required to succeed in cross-border ventures. This includes integrating entrepreneurship education into school curricula, providing training and mentorship opportunities for aspiring entrepreneurs, and promoting cross-border exchange programs to foster a culture of innovation and risk-taking.

Policy

Policymakers should prioritize efforts to harmonize regulatory frameworks across borders, reducing bureaucratic barriers and facilitating smoother cross-border transactions for entrepreneurs. This can be achieved through initiatives such as mutual recognition agreements, standardization of regulatory procedures, and the establishment of regulatory sandboxes to pilot innovative solutions. Governments should explore innovative financing mechanisms to enhance access to capital for cross-border ventures, particularly for early-stage startups and SMEs. This includes initiatives such as establishing cross-border venture capital funds, providing guarantees for cross-border investments, and facilitating access to alternative financing sources such as crowdfunding and peer-to-peer lending platforms.

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