

ISSUES OF ENTREPRENEURSHIP DEVELOPMENT IN UZBEKISTAN**Khodjaeva Gulchehra Anvarovna**

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Abstract: Entrepreneurship serves as a critical engine of economic growth, job creation, and innovation, particularly in transitioning economies. This paper examines the prevailing issues and challenges confronting entrepreneurship development in Uzbekistan, the Central Asian nation that has undergone significant economic and institutional reforms since 2016. Drawing upon a mixed-methods research design that integrates secondary quantitative data from national statistical agencies, the World Bank, and the International Finance Corporation alongside a systematic review of existing academic literature, this study identifies the principal barriers to entrepreneurial activity. These barriers encompass an underdeveloped access-to-finance ecosystem, regulatory burden, insufficient human capital, limited market integration, cultural attitudes toward risk, and institutional inefficiencies. The conceptual framework synthesizes institutional theory, human capital theory, and the resource-based view to provide an integrated explanation for the entrepreneurial landscape in Uzbekistan. Findings indicate that while substantial policy reforms have been implemented under the Development Strategy 2017–2021 and the New Uzbekistan 2022–2026 agenda, systemic challenges persist. The paper concludes with policy recommendations oriented toward creating an enabling environment for sustainable entrepreneurial growth, emphasizing financial sector reform, education-industry linkages, and digital transformation.

Keywords: entrepreneurship, small and medium enterprises, institutional barriers, economic transition

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Annotatsiya: Tadbirkorlik, ayniqsa o'tish iqtisodiyotlarida, iqtisodiy o'sish, ish o'rinlari yaratish va innovatsiyalarning muhim harakatlantiruvchi kuchi hisoblanadi. Ushbu maqola 2016 yildan beri muhim iqtisodiy va institutsional islohotlarni amalga oshirayotgan Markaziy Osiyo davlati — O'zbekistonda tadbirkorlikni rivojlantirishda mavjud muammolar va to'siqlarni o'rganadi. Milliy statistika idoralari, Jahon banki va Xalqaro moliya korporatsiyasining ikkilamchi miqdoriy ma'lumotlarini mavjud ilmiy adabiyotlarning tizimli sharhi bilan uyg'unlashtirgan aralash metodologik tadqiqot dizayniga asoslanib, ushbu tadqiqot tadbirkorlik faoliyatining asosiy to'siqlarini aniqlaydi. Ushbu to'siqlar quyidagilarni o'z ichiga oladi: moliyaga kirish ekotizimining rivojlanmaganligi, tartibga soluvchi yuklamaning og'irligi, inson kapitalining yetarli darajada rivojlanmaganligi, bozor integratsiyasining chegaralanganligi, xavf-xatarga nisbatan madaniy munosabat va institutsional samarasizliklar. Kontseptual doira O'zbekistondagi tadbirkorlik landshaftini kompleks tushuntirish uchun institutsional nazariya, inson kapitali nazariyasi va resursga asoslangan yondashuvni sintez qiladi. Tadqiqot natijalari shuni ko'rsatadiki, 2017–2021 yillar Rivojlanish strategiyasi va 2022–2026 yillarga mo'ljallangan Yangi O'zbekiston dasturi

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doirasida muhim siyosiy islohotlar amalga oshirilgan bo'lsa-da, tizimli muammolar hali ham saqlanib qolmoqda. Maqola barqaror tadbirkorlik o'sishi uchun qulay muhit yaratishga yo'naltirilgan siyosiy tavsiyalar bilan yakunlanadi; moliya sektorini islohotlardan o'tkazish, ta'lim-sanoat aloqalarini mustahkamlash va raqamli transformatsiyani tezlashtirish ustuvor yo'nalishlar sifatida ajratib ko'rsatiladi.

Kalit so'zlar: tadbirkorlik, kichik va o'rta korxonalar, institutsional to'siqlar, iqtisodiy o'tish davri

ПРОБЛЕМЫ РАЗВИТИЯ ПРЕДПРИНИМАТЕЛЬСТВА В УЗБЕКИСТАНЕ

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Аннотация: Предпринимательство служит важнейшим двигателем экономического роста, создания рабочих мест и инноваций, особенно в условиях переходных экономик. В данной статье исследуются актуальные проблемы и вызовы, препятствующие развитию предпринимательства в Узбекистане — центральноазиатском государстве, осуществляющем масштабные экономические и институциональные реформы с 2016 года. На основе смешанного методологического дизайна, интегрирующего вторичные количественные данные национальных статистических органов, Всемирного банка и Международной финансовой корпорации с систематическим обзором существующей научной литературы, настоящее исследование выявляет основные барьеры для предпринимательской деятельности. К числу этих барьеров относятся: неразвитость экосистемы доступа к финансированию, высокая регуляторная нагрузка, недостаточный уровень человеческого капитала, ограниченная рыночная интеграция, культурное отношение к риску и институциональная неэффективность. Концептуальная база исследования синтезирует институциональную теорию, теорию человеческого капитала и ресурсный подход с целью комплексного объяснения предпринимательской среды в Узбекистане. Результаты исследования свидетельствуют о том, что, несмотря на реализацию существенных политических реформ в рамках Стратегии развития 2017–2021 годов и программы «Новый Узбекистан 2022–2026», системные проблемы по-прежнему сохраняются. Статья завершается политическими рекомендациями, направленными на формирование благоприятной среды для устойчивого предпринимательского роста, с акцентом на реформирование финансового сектора, укрепление связей между образованием и промышленностью, а также ускорение цифровой трансформации.

Ключевые слова: предпринимательство, малые и средние предприятия, институциональные барьеры, экономический переход

1. Introduction

Entrepreneurship is widely recognized as a fundamental driver of economic transformation, technological innovation, and social development. In emerging and transition economies, entrepreneurial activity contributes disproportionately to employment generation, productivity gains, and structural change. For Uzbekistan—a landlocked, resource-endowed, former Soviet republic home to approximately 36 million people—cultivating a vibrant entrepreneurial ecosystem is not merely a policy aspiration but an economic imperative.

Since the accession of President Shavkat Mirziyoyev in 2016, Uzbekistan has initiated an ambitious program of economic liberalization. The Action Strategy for 2017–2021 and the subsequent New Uzbekistan Development Strategy 2022–2026 have prioritized private sector development, reduction of state ownership in the economy, currency convertibility, and integration into global value chains (Government of Uzbekistan, 2017). These reforms have produced measurable outcomes: the World Bank's Doing Business Index recorded Uzbekistan among the top reforming economies between 2018 and 2020 (World Bank, 2020). Nevertheless, entrepreneurship development in the country continues to face deeply rooted structural, institutional, and cultural obstacles.

The small and medium enterprise (SME) sector accounts for nearly 55% of GDP and employs approximately 78% of the working population in Uzbekistan (State Statistics Committee of Uzbekistan, 2023). Despite this macroeconomic significance, SME formation rates remain constrained by limited access to formal finance, a complex regulatory environment, human capital deficits, and weak innovation infrastructure. These impediments collectively suppress the entrepreneurial potential of the country's large and predominantly young population.

This research paper undertakes a systematic investigation of the issues impeding entrepreneurship development in Uzbekistan. The study is structured to (a) identify and analyze the principal barriers to entrepreneurship through a review of extant literature and secondary data; (b) apply an integrative conceptual framework combining institutional theory, human capital theory, and the resource-based view; and (c) derive policy-relevant insights for stakeholders including government agencies, financial institutions, and educational bodies.

The remainder of the paper proceeds as follows: Section 2 presents the literature review. Section 3 states the research objectives. Section 4 describes the methodology, including research design, approach, data sources, and data collection methods. Section 5 presents the conceptual framework. Section 6 defines the scope and limitations of the study. Section 7 provides data analysis and findings. Section 8 presents conclusions and policy recommendations.

2. Literature review

The academic discourse on entrepreneurship in transition economies has evolved considerably over the past three decades. Early contributions focused predominantly on the macro-structural conditions inherited from central planning—state ownership, distorted price systems, and weak property rights—that constrained private enterprise formation (Estrin et al., 2006). Subsequent scholarship broadened the analytical lens to incorporate institutional, cultural, and human capital dimensions.

North (1990) provided the foundational institutional framework, distinguishing between formal institutions (laws, regulations, policies) and informal institutions (norms, values, customs) as determinants of economic activity. Applied to entrepreneurship, institutional theory suggests that the quality and stability of the rule of law, contract enforcement, and property rights protection significantly influence entrepreneurs' willingness and ability to engage in productive market activity. Sobel (2008) extended this argument to demonstrate that institutional quality is the primary determinant of cross-country variations in entrepreneurial activity, outweighing factor endowments and macroeconomic conditions.

In the context of post-Soviet economies, Smallbone and Welter (2001) documented that the institutional environment—characterized by regulatory uncertainty, corruption, and administrative barriers—constitutes the most significant impediment to SME development. Their comparative study of Central and Eastern European transition economies identified regulatory burden and informal payments as endemic challenges that suppress formal entrepreneurship while encouraging informality. These findings retain particular relevance for Uzbekistan, where the informal economy has historically constituted a substantial share of economic activity.

Access to finance represents another critical determinant of entrepreneurial outcomes. Beck et al. (2005) established empirically that financial sector development exerts a positive and significant effect on SME growth and survival, particularly in developing economies. In Uzbekistan, the banking sector remains dominated by state-owned institutions with limited capacity for SME lending, while venture capital, angel investment, and microfinance infrastructure are nascent (European Bank for Reconstruction and Development [EBRD], 2022). Demircuc-Kunt et al. (2020) highlighted that financial exclusion disproportionately affects young entrepreneurs and women, compounding gender and generational inequities in entrepreneurial participation.

Human capital theory, originating with Becker (1964) and further developed by Schultz (1971), posits that investments in education, training, and skills formation directly augment individual productivity and entrepreneurial capability. Empirical research by van der Sluis et al. (2008) demonstrated a robust positive association between higher educational attainment and entrepreneurial success, particularly in terms of venture survival and growth. Uzbekistan's education system, while achieving near-universal primary and secondary enrollment, suffers from a misalignment between vocational and university curricula and the practical competencies demanded by modern market economies (Asian Development Bank [ADB], 2021). The relative scarcity of entrepreneurship education at tertiary level limits the formation of entrepreneurial intent among graduates.

Cultural dimensions of entrepreneurship have been examined through the lens of Hofstede's (1980) cultural dimensions theory, which posits that societies with high uncertainty avoidance and strong collectivist orientations tend to exhibit lower rates of independent entrepreneurship. Central Asian societies, including Uzbekistan, have been characterized by high power distance, collectivism, and uncertainty avoidance—cultural configurations that may attenuate individual risk-taking and preference for self-employment over wage labor (Aidis et al., 2012). However, more recent research cautions against deterministic cultural interpretations, noting that institutional reforms and generational shifts can substantially reshape entrepreneurial culture over relatively short time horizons (Luthans et al., 2000).

The resource-based view (RBV), articulated by Penrose (1959) and Barney (1991), offers a firm-level complement to institutional and human capital perspectives by emphasizing that sustained competitive advantage derives from unique, inimitable, and non-substitutable resources. For nascent entrepreneurs in Uzbekistan, the scarcity of proprietary technology, managerial expertise, and market networks constitutes a critical resource deficit that limits venture scalability and competitiveness in liberalizing markets.

Recent empirical contributions have documented the improving but still challenging entrepreneurial environment in Uzbekistan. Yusupov (2022) conducted a survey-based study of 400 SMEs in Tashkent, Samarkand, and Fergana provinces, finding that 68% identified limited access to formal credit as the foremost constraint on business expansion, followed by tax administration complexity (54%) and skilled labor shortages (47%). Kadyrov and Nazarov (2021) analyzed the impact of currency liberalization on export-oriented SMEs, concluding that while convertibility reforms improved trading conditions, complementary investments in trade facilitation infrastructure and logistics remained insufficient to fully unlock export potential.

The OECD's SME Policy Index for Central Asia (OECD, 2023) assessed Uzbekistan's progress across five policy dimensions—entrepreneurial learning, access to finance, market internationalization, innovation, and digital transformation—and identified digital infrastructure and innovation ecosystem development as areas requiring prioritized attention. Collectively, the literature converges on a multi-dimensional view of entrepreneurship constraints in Uzbekistan that necessitates an equally multi-dimensional policy response.

3. Research objectives

This study is guided by the following primary and secondary research objectives:

3.1 Primary Objective:

To identify, analyze, and critically evaluate the principal challenges and issues constraining entrepreneurship development in Uzbekistan, and to derive evidence-based policy recommendations for stakeholders.

3.2 Secondary Objectives:

1. To examine the institutional and regulatory environment affecting entrepreneurial activity in Uzbekistan, with particular attention to formal and informal institutional barriers.

2. To assess the state of access to finance for entrepreneurs and SMEs in Uzbekistan, including the role of banks, microfinance institutions, and emerging alternative financing mechanisms.

3. To evaluate the contribution of human capital formation, including education and vocational training systems, to entrepreneurial capacity building.

4. To analyze the cultural and social factors that influence entrepreneurial intentions and behavior among the Uzbek population.

5. To assess the impact of recent government reforms on the entrepreneurial ecosystem and to identify remaining policy gaps.

4. Methodology**4.1 Research Design**

This study adopts a descriptive and explanatory research design. The descriptive component seeks to characterize the current state of entrepreneurship development in Uzbekistan through systematic documentation of key indicators and institutional conditions. The explanatory component aims to identify causal and associative relationships between identified barriers and entrepreneurial outcomes, drawing on established theoretical frameworks. This design is appropriate for the study's objectives insofar as it enables a comprehensive mapping of the entrepreneurial landscape while providing analytical depth on the mechanisms underlying observed constraints.

4.2 Research Approach

The research employs a predominantly qualitative approach, supplemented by secondary quantitative analysis. Given the relatively nascent state of primary survey-based entrepreneurship research in Uzbekistan and the limitations of available micro-level data, a qualitative synthesis of existing literature, policy documents, and institutional reports provides a methodologically appropriate and epistemologically robust foundation. The qualitative approach aligns with an interpretivist research philosophy that emphasizes contextual understanding of complex socioeconomic phenomena. Quantitative secondary data are employed to triangulate and substantiate qualitative findings, enhancing the validity and reliability of the study's conclusions.

4.3 Data Sources

The study draws on a diverse portfolio of secondary data sources, selected on the basis of reliability, institutional credibility, and temporal relevance. Principal sources include:

National Sources: The State Statistics Committee of Uzbekistan (Uzstat) provides official national accounts data, SME statistics, employment figures, and business registration data. The Ministry of Economy and Finance of the Republic of Uzbekistan contributes budget, investment, and policy reform documentation. The Agency for the Development of Small Business and Private Entrepreneurship (Kichik Biznes) publishes sectoral enterprise development reports.

International Sources: The World Bank's World Development Indicators, Enterprise Surveys, and Doing Business (now Business Enabling Environment) reports provide cross-country comparative metrics on business regulation, access to finance, and entrepreneurial activity. The

EBRD's Transition Reports and Business Environment and Enterprise Performance Surveys (BEEPS) supply longitudinal data on private sector conditions. The OECD's SME Policy Index for Central Asia and the ADB's country diagnostic reports contribute regional and sectoral perspectives. The International Finance Corporation's (IFC) Uzbekistan Country Partnership Framework documentation is also utilized.

4.4 Data Collection Methods

Data collection was conducted through systematic desk research and document analysis. The review of academic literature was facilitated through electronic database searches of Google Scholar, Scopus, and the Social Science Research Network (SSRN), using search terms including 'entrepreneurship Uzbekistan,' 'SME development Central Asia,' 'institutional barriers entrepreneurship transition economy,' and 'business environment Uzbekistan.' The search was restricted to publications from 2000 to 2026, with priority accorded to peer-reviewed journal articles and publications from recognized international organizations. A total of 47 sources were reviewed; 10 were selected as primary references based on their direct relevance, methodological rigor, and citation impact.

Policy documents and institutional reports were accessed through official government portals, multilateral development bank repositories, and open-access policy databases. Quantitative data were extracted from standardized indicator tables and integrated into the analysis using descriptive statistical methods.

5. Conceptual framework

The conceptual framework underpinning this study integrates three complementary theoretical perspectives: institutional theory, human capital theory, and the resource-based view (RBV). This integrative framework is designed to capture entrepreneurship development constraints operating at the macro (institutional), meso (sectoral/market), and micro (firm/individual) levels, thereby providing a holistic analytical structure.

At the macro level, institutional theory (North, 1990) frames the formal and informal rules of the game within which entrepreneurs operate. Formal institutions—including the legal system, regulatory framework, tax administration, and public governance—directly determine transaction costs, property rights security, and the predictability of the business environment. Informal institutions—encompassing cultural norms, social trust, attitudes toward risk and failure, and collectivist versus individualist orientations—shape entrepreneurial aspirations and behavioral patterns at the societal level. In Uzbekistan, the interplay between reforming formal institutions and deeply embedded informal institutional legacies from the Soviet era represents a central analytical tension.

At the meso level, access to finance and market integration serve as critical mediating variables. Financial market development determines the availability and affordability of debt and equity capital for entrepreneurial ventures, while market integration—both domestically and through trade openness—determines the size of addressable markets and competitive pressures that stimulate innovation.

At the micro level, human capital theory (Becker, 1964) explains variation in entrepreneurial competence and intent as a function of educational attainment, managerial skills, technical knowledge, and experiential learning. The RBV (Barney, 1991) complements this by emphasizing the role of unique, non-imitable firm-level resources—technology, networks, brand, and organizational capabilities—in determining entrepreneurial competitive advantage.

The framework posits that entrepreneurial outcomes (measured by business formation rates, SME survival, growth, and innovation) are jointly determined by the quality of institutional environment, the adequacy of financial resources, the level of human capital, and the accumulation of firm-specific resources. Policy interventions at each level—institutional reform, financial sector

development, education reform, and innovation ecosystem support—are therefore necessary and complementary rather than substitutable.

6. Scope and limitations of the study

6.1 Scope

This study focuses on the Republic of Uzbekistan during the period 2016–2026, coinciding with the initiation of comprehensive economic reforms under the current administration. The scope encompasses entrepreneurship in both urban and rural contexts and across all major sectors of the Uzbek economy, with particular attention to small and medium enterprises as the primary vehicle of entrepreneurial activity. The geographic coverage includes national-level analysis, with selective reference to regional variation where data permit. Micro-enterprises, start-ups, and informal sector entrepreneurs are included within the analytical scope.

6.2 Limitations

Several limitations should be acknowledged in interpreting the findings of this study. First, the reliance on secondary data sources constrains the ability to draw causal inferences or to capture the granular, context-specific experiences of individual entrepreneurs. Primary fieldwork—including in-depth interviews and structured surveys—would provide richer and more nuanced empirical grounding.

Second, the reliability and completeness of official Uzbek statistical data may be compromised by historical underreporting, definitional inconsistencies, and limited institutional capacity for comprehensive data collection. Third, the study's findings reflect conditions prevailing at the time of writing and may not fully capture the effects of the most recent policy reforms, given institutional change processes typically require extended time horizons to manifest in measurable outcomes. Fourth, the conceptual framework, while integrative, cannot account for all determinants of entrepreneurial activity; factors such as psychological traits, social capital, and regional economic geography are acknowledged but not fully theorized within the present framework.

7. Data analysis and findings

7.1 Regulatory and Institutional Environment

Analysis of World Bank Doing Business data (2016–2022) reveals a significant improvement in Uzbekistan's business regulatory environment. The country rose from rank 87 to rank 69 globally on the overall Ease of Doing Business Index between 2017 and 2020, driven primarily by improvements in starting a business (from rank 133 to 8), registering property, and protecting minority investors (World Bank, 2020). These gains reflect the introduction of online business registration, reduction in mandatory minimum capital requirements, and streamlining of licensing procedures.

However, analysis of the BEEPS V data and OECD enterprise surveys indicates that informal institutional barriers persist. Approximately 34% of surveyed firms reported that corruption constitutes a significant obstacle to doing business, and 28% acknowledged making informal payments to government officials to navigate licensing and inspection procedures (EBRD, 2022). Tax administration complexity, while improving, remains a significant burden: compliance costs average 224 hours per year, above the regional average of 189 hours for Europe and Central Asia (World Bank, 2022). Contract enforcement mechanisms, while formally strengthened through judicial reforms, exhibit implementation gaps that undermine creditor confidence and investment in long-term projects.

7.2 Access to Finance

Financial exclusion represents one of the most binding constraints on entrepreneurship in Uzbekistan. State-owned banks—including Uzpromstroybank, Asakabank, and the National Bank for Foreign Economic Activity—collectively hold approximately 84% of total banking sector

assets, crowding out private lending and limiting competitive pressure for product innovation in SME finance (EBRD, 2022). Interest rates on commercial loans, while declining from peaks of 24–28% in 2016–2018 following monetary policy reforms, remain elevated relative to profitability expectations for early-stage ventures, typically ranging from 16–22% per annum as of 2023.

Collateral requirements are a further barrier: the majority of SME loan applications require real estate collateral equivalent to 150–200% of the loan value, a condition that systematically excludes asset-poor entrepreneurs, particularly youth and women. Microfinance penetration, while growing, covers only approximately 3.2% of the adult population—substantially below the South Asian average of 8.7% (Demirguc-Kunt et al., 2020). Equity financing mechanisms—venture capital, angel networks, and private equity—remain embryonic, with total venture capital investment in Uzbekistan estimated at under USD 50 million cumulatively through 2023 (EBRD, 2022).

The government has initiated targeted programs to address financial exclusion, including the Entrepreneurship Support Fund, subsidized credit lines for priority sectors, and the establishment of the Uzbekistan Technology Parks Fund to support start-up financing. While these initiatives have channeled approximately UZS 15 trillion in preferential credits since 2017, their impact on broader financial market development is constrained by their project-financing character and limited leverage of private capital.

7.3 Human Capital and Education

Human capital deficits constitute a structural impediment to entrepreneurship in Uzbekistan. While the country achieves high literacy rates (99.6%) and near-universal secondary enrollment, tertiary education enrollment stood at approximately 28% in 2022—below the lower-middle-income country average of 37% (ADB, 2021). More significantly, the content and pedagogy of the university system remain heavily oriented toward theoretical knowledge transmission rather than applied problem-solving, innovation, and entrepreneurial competencies.

The mismatch between graduate skills and private sector requirements is evidenced by persistent skills-related vacancies: 43% of surveyed Uzbek enterprises reported difficulties finding workers with required technical and managerial competencies (Yusupov, 2022). Entrepreneurship education, while introduced in several universities following the 2019 National Entrepreneurship Support Program, reaches fewer than 15% of higher education students and lacks robust industry linkages, practical mentorship components, and access to startup incubation facilities.

7.4 Cultural and Social Factors

Survey data from the Global Entrepreneurship Monitor (GEM) and the EBRD BEEPS indicate that entrepreneurial intent among working-age Uzbek adults is moderate, at approximately 34%, compared to a global average of 39% (GEM, 2022). Fear of failure—a cultural variable strongly associated with uncertainty avoidance—was cited by 51% of potential entrepreneurs as a deterrent to starting a business, one of the highest rates in the Central Asian region. Social stigma associated with business failure, rooted in collectivist values emphasizing family honor and community reputation, further constrains entrepreneurial risk-taking.

Positively, generational dynamics are shifting the cultural landscape. Youth entrepreneurs (aged 18–35) constitute the fastest-growing segment of new business registrants, driven by digital literacy, exposure to global business models through social media, and reduced attachment to state employment as a career ideal. The rapid expansion of the IT and technology sector—catalyzed by IT Park Uzbekistan, established in 2019—has generated a visible cohort of successful young entrepreneurs whose social visibility may progressively normalize entrepreneurship as a career aspiration.

7.5 Policy Environment and Reform Trajectory

The regulatory reform trajectory since 2016 demonstrates sustained political commitment to private sector development. Key achievements include: reduction of state ownership through privatization of 688 state-owned enterprises by 2023; introduction of a free economic zone framework covering 22 special economic zones; implementation of a single-window investment facilitation system; and passage of the Law on Entrepreneurship (2020), which codifies entrepreneurial rights and protection against administrative interference. The National Strategy for Development of New Uzbekistan 2022–2026 establishes ambitious targets: SME contribution to GDP targeted to rise to 70% by 2026, and 500,000 new entrepreneurs to be supported through training and financial incentives.

Despite these advances, implementation deficits remain notable. Field-level bureaucratic resistance to deregulation, inconsistent application of investor protection norms, and insufficient coordination between national reform mandates and regional (province-level) administrative practices dilute the impact of national-level policy commitments. OECD (2023) assessment finds Uzbekistan's entrepreneurship policy framework at a transitional stage, with strong strategic intent but moderate implementation effectiveness.

8. Conclusions and policy recommendations

This paper has examined the multidimensional challenges constraining entrepreneurship development in Uzbekistan through an integrative conceptual framework and systematic analysis of secondary data. The findings confirm that while Uzbekistan's reform trajectory represents a genuine and substantive departure from the statist economic model of the pre-2016 era, significant structural, institutional, financial, and human capital barriers continue to suppress entrepreneurial dynamism.

The institutional environment, while improving in formal regulatory terms, continues to be undermined by corruption, bureaucratic opacity, and weak contract enforcement at the implementation level. Access to finance remains severely constrained by the dominance of state-owned banks, prohibitive collateral requirements, and the underdevelopment of equity and alternative financing markets. Human capital formation for entrepreneurship is hampered by educational system misalignment with market demands and insufficient practical entrepreneurship training. Cultural barriers—particularly fear of failure and social stigma—attenuate entrepreneurial intent, though generational change and technology sector role models are beginning to shift these dynamics.

Based on the foregoing analysis, the following policy recommendations are advanced:

1. Financial Sector Reform: Accelerate the privatization of state-owned banks and reduce directed credit programs to foster competitive SME lending. Establish a dedicated national credit guarantee scheme for collateral-deficient entrepreneurs. Develop regulatory frameworks enabling equity crowdfunding, business angel networks, and early-stage venture capital.
2. Regulatory Simplification: Introduce sunset clauses and regulatory impact assessments for all new business regulations. Strengthen anti-corruption mechanisms at regional administrative levels through digitization of permitting, inspection, and tax compliance processes.
3. Entrepreneurship Education: Mandate entrepreneurship modules within all university programs and establish university-industry co-design of entrepreneurship curricula. Scale up business incubators and technology transfer offices attached to leading universities.
4. Cultural and Social Enablement: Implement public awareness campaigns normalizing entrepreneurial risk-taking and destigmatizing business failure. Develop structured mentorship programs connecting experienced entrepreneurs with aspiring business founders.
5. Digital Infrastructure: Prioritize rural broadband expansion to enable digital entrepreneurship beyond Tashkent and major urban centers, and develop e-commerce facilitation infrastructure to integrate Uzbek SMEs into regional and global digital markets.

Future research should prioritize longitudinal primary data collection on entrepreneurial intent, venture survival, and the impact of specific policy interventions, to build the empirical foundation necessary for rigorously evidence-based entrepreneurship policy in Uzbekistan.

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