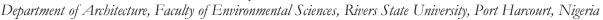
Understanding the Challenges of Affordable Housing Provision in Nigeria: An Analysis of Key Factors and Policy Implications

Anthony Dornubari Enwin [™]

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Tamunoikuronibo Dawaye Ikiriko 🕩

Department of Urban and Regional planning, Faculty of Environmental Sciences, Rivers State University, Port Harcourt, Nigeria

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Abstract:

Affordable housing remains a critical issue in Nigeria, with numerous factors contributing to its scarcity. This paper examines the key factors contributing to the lack of affordable housing in Nigeria, including high construction costs, inadequate urban planning and land use, limited access to finance, inadequate infrastructure, corruption and bureaucracy, limited government support and policy implementation, and high urban area land costs. High construction costs escalate housing prices, posing challenges for low-income earners to afford homes. Inadequate urban planning and land use policies result in spatial inequality, scarcity of available land, and

increased housing costs. Limited access to finance restricts low-income earners' ability to secure mortgage financing for affordable homes. High urban area land costs further exacerbate the affordability challenge. Inadequate infrastructure hampers housing development and increases construction costs. Limited government support and policy implementation hinder effective affordable housing provision. Corruption and bureaucratic bottlenecks also hampers the process. These factors underscore the complex nature of the affordable housing crisis in Nigeria and necessitate a comprehensive approach involving collaboration between the government, private sector, and communities. Policy recommendations include improving policy implementation, fostering public-private partnerships, enhancing access to finance, strengthening urban planning strategies, investing in infrastructure, and providing increased government support for affordable housing initiatives. Addressing these factors will contribute to the creation of sustainable and inclusive housing solutions, ensuring that affordable homes become accessible to all Nigerians.

Keywords: affordable housing, housing provision, challenges, key factors, policy implications, construction costs, access to finance, infrastructure, government support, policy recommendation.

Introduction

Affordable housing is a pressing issue in both rural and urban areas in Nigeria, with a significant portion of the population facing challenges in accessing it (Ikiriko, Enwin & Obinna, 2023). Recognized as a fundamental

human right, adequate housing encompasses not only the physical structure of a dwelling but also the availability of basic services, security of tenure, affordability, habitability, and accessibility, as outlined in international agreements such as the Universal Declaration of

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Human Rights and the International Covenant on Economic, Social and Cultural Rights (United Nations, 1948; United Nations, 1966; United Nations, 1990).

In Nigeria, however, many individuals and families face significant challenges in accessing affordable and suitable housing options. The housing situation in the country is characterized by a growing housing deficit, limited affordability, and inadequate housing conditions (Enwin & Ikiriko, 2021). The rapid population growth, coupled with increasing urbanization, has placed immense pressure on the housing sector, exacerbating the scarcity of affordable housing. As a result, many Nigerians are forced to live in substandard and overcrowded conditions, informal settlements, or are even homeless (Adeyemi & Ademiluyi, 2019; Okpala & Okoye, 2020).

The lack of affordable housing options has wideranging consequences for individuals and communities. It hampers social and economic exacerbates development, poverty perpetuates social inequalities (Enwin & Ikiriko, 2021). Without access to affordable and suitable housing, individuals and families may struggle to meet their basic needs, allocate their resources effectively, and invest in education, healthcare and other essential services. The lack of stable and secure housing can also undermine social cohesion and community development, as individuals are unable to establish roots and build communities strong, supportive (Oladokun, Oladokun & Ajayi 2020; Odusami, Oloyede & Ogundipe, 2019).

Furthermore, the challenges faced in accessing suitable housing options affordable and disproportionately affect vulnerable populations, including low-income earners, sector workers, marginalized communities, women, children, and the elderly (Enwin & Ikiriko, 2021). These groups often face additional barriers such as discrimination, limited access to credit and finance, and inadequate social support systems, further exacerbating their housing challenges (Oyediran, Oluwoye & Olatunji, 2017; Ganiyu, Ibrahim, Ahmed & Oyediran, 2018).

Statement of Problem

Despite the increasing demand for affordable housing in Nigeria, the provision of adequate and sustainable housing solutions remains a significant challenge. The existing housing deficit, coupled with rapid urbanization and population growth has created an urgent need to address the affordable housing crisis in the country. While the Nigerian government has implemented various policies and initiatives, there is still a persistent deficit in affordable housing and the available supply. The housing sector in Nigeria is facing serious socioeconomic and environmental constraints that need to be considered in sustainable affordable housing solutions. What are these challenges? It is the aim of this paper to discuss these challenges and recommend possible solutions to ameliorate them.

Aim of the Study

The aim of this study is to examine the challenges of affordable housing provision in Nigeria and propose policy implications for addressing these issues.

Objectives of the Study

To identify the key factors contributing to the lack of affordable housing in Nigeria.

To discuss these key factors contributing to the lack of affordable housing in Nigeria.

To propose policy recommendations for enhancing affordable housing provision in Nigeria, considering the identified factors and challenges.

Literature Review

Concept of Affordable Housing

Adeyemi and Ademiluyi (2019) define affordable housing as housing that is accessible and affordable to low- and moderate-income households, ensuring that housing costs do not exceed a certain percentage of household income. This definition emphasizes the importance of affordability relative to income levels. It recognizes that affordable housing should not impose an excessive burden on

households, allowing them to meet their other basic needs. This definition aligns with the understanding that affordability is a critical aspect of housing provision, particularly for lowand moderate-income individuals and families.

Gbadegesin and Falode (2015) describe affordable housing as housing that is available and within the financial means of low- and middle-income households. This definition highlights the dual aspects of availability and financial accessibility. It emphasizes that affordable housing should not only be present in the housing market but should also be within the financial reach of targeted income groups. This definition acknowledges that affordability is not solely determined by income but is also influenced by prevailing housing costs in a specific area.

The United Nations Human Settlements Programme (UN-Habitat, 2016) defines affordable housing as housing that is adequate in quality and location, and that is affordable in terms of housing-related costs, not exceeding a certain percentage of household income. This definition broadens the concept of affordability beyond just the housing cost itself. It emphasizes the importance of housing quality, location, and associated expenses such as utilities and maintenance. The definition also highlights the need for affordability to be relative to household income, recognizing that what is affordable for one household may not be for another.

These definitions collectively underscore the multifaceted nature of affordable housing. They consider aspects such as income, housing costs, availability, quality, and location. They recognize that affordability is a relative concept that varies based on income levels, local housing market conditions, and individual circumstances. The definitions reflect the need for housing to be not only financially accessible but also of adequate quality and in suitable locations to meet the needs of low- and moderate-income households.

Overview of Affordable Housing in Nigeria

Housing Situation and Population Growth

The housing situation in Nigeria is characterized by significant challenges and a growing demand for affordable housing. Adeyemi and Ademiluyi (2019) emphasize the impact of rapid population growth and urbanization on the housing situation in Nigeria. The country's population has been steadily increasing, leading to a growing demand for housing. This demographic trend, coupled with rural-urban migration, has resulted in a substantial housing deficit and a significant gap between housing supply and demand.

The authors highlight that the current housing supply in Nigeria falls significantly short of meeting the needs of the population. This housing deficit has led to overcrowded living conditions, informal settlements, and the proliferation of slums in urban areas. Adeyemi and Ademiluyi emphasize that addressing the housing deficit is crucial for improving living conditions and achieving sustainable urban development in Nigeria.

Furthermore, the authors underscore the importance of improving housing affordability. The rising cost of housing, particularly in urban areas, has made it increasingly challenging for low- and middle-income individuals and families to access decent and affordable housing. Adeyemi and Ademiluyi argue that without addressing affordability concerns, the housing deficit will persist, exacerbating social inequalities and hindering overall development.

To tackle the housing situation in Nigeria, Adeyemi and Ademiluyi stress the need for effective strategies. These strategies should include the development of affordable housing options, promotion of innovative financing mechanisms, improvements of housing policies and regulations, and enhancement of public-private partnerships. They argue that a comprehensive and multi-faceted approach is required to bridge the housing gap, improve housing conditions, and promote sustainable urban development in Nigeria.

Government Policies and Initiatives

The Nigerian government has recognized the importance of addressing the housing challenges in the country and has implemented several policies and initiatives to promote affordable housing provision. The formal intervention in

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the housing sector traces its origins to the colonial administration, prompted by devastating outbreak of the bubonic plague in Lagos in 1928 (Enwin & Ikiriko, 2023). This pivotal event led to the establishment of the Lagos Executive Development Board (LEDB), which spearheaded ambitious public housing programs (Onibokun, 1975; Aribigbola, 2000). The focus of the policies during that era was primarily on catering to the housing needs of expatriates and selected indigenous personnel employed in critical sectors such as Railways, Marine, Police, and Armed Forces (Aribigbola, 2000). Noteworthy endeavors were made to construct upscale residences for senior civil servants in the capital city of Lagos and regional headquarters like Kaduna, Ibadan, and Enugu. Furthermore, the government extended some rent subsidies and housing loans (Bello, 2019). However, it is important to note that these policies exhibited a modest scope, aimed at tackling the national housing predicament rather than addressing it comprehensively at the state or local government level (Omange & Udegbe, 2000).

Adegbola (2017) and Moore (2019) discussed the National Housing Policy in Nigeria. The National Housing Policy (NHP) of 2006 was formulated in response to the persisting housing scarcity in Nigeria, which previous policies even before independence to 2002 had failed to address effectively. Recognizing the need for a more pragmatic approach, the Federal Government initiated a review of the 1991 National Housing Policy and engaged various stakeholders in the process. The resulting 2006 NHP was developed based on their input.

Unlike its predecessors, the 2006 NHP was designed to be implemented in phases, allowing for a gradual shift of responsibility from the government to private developers in housing provision (Mabogunje, 2003). This approach aimed to avoid repeating the mistakes of the past and create a more sustainable housing development framework.

The 2006 NHP introduced several adjustments to improve housing affordability and access. For instance, it extended the amortization period

from 25 years to 30 years, providing homebuyers with more flexible repayment options. Additionally, the interest payments on National Housing Fund (NHF) facilities offered by primary mortgage institutions (PMIs) were reduced from 5.0% to 4.0%, and the lending rate for contributors was lowered from 9.0% to 6.0% (Bamidele, 2019)

Similar to the 1991 NHP, the primary objective of the 2006 NHP was to remove obstacles hindering the achievement of the government's housing goals. These goals aimed to ensure that Nigerians have access to decent, safe, and affordable housing accommodations. The 2006 NHP sought to address a broader range of issues than its predecessor, incorporating strategies and initiatives from the previous policy while introducing new measures to enhance housing provision.

The National Housing Policy is a comprehensive framework that aims to increase access to affordable housing for Nigerians. It emphasizes the importance of public-private partnerships in housing delivery and the establishment of mortgage institutions to facilitate access to housing finance. The policy also emphasizes the need for sustainable and inclusive housing solutions that consider environmental sustainability, affordability, and the needs of vulnerable populations.

Okpala and Okoye (2020) examine the Family Homes Fund (FHF), a government initiative designed to facilitate affordable housing provision in Nigeria. The FHF focuses on leveraging private sector participation and providing financial support to developers. It aims to increase the supply of affordable housing through partnerships with developers and the provision of affordable financing options for homebuyers. The authors highlight the significance of the FHF in increasing the affordable housing stock and addressing the housing deficit in Nigeria.

The above references illustrate the efforts of the Nigerian government to address affordable housing provision through policy interventions and initiatives. The National Housing Policy provides a comprehensive framework for

housing delivery, emphasizing the importance of public-private partnerships and access to housing finance. The Family Homes Fund specifically focuses on leveraging private sector involvement and providing financial support to increase the supply of affordable housing.

Stakeholders Involved in Affordable Housing Provision

In the provision of affordable housing in Nigeria, multiple stakeholders play vital roles in addressing housing challenges and improving access to affordable housing. Here are two references that highlight the involvement of various stakeholders:

Odusami, Oloyede and Ogundipe (2019) identify several key actors involved in affordable housing provision. These include government agencies responsible for housing policies and regulations, housing finance institutions that provide financing options for homebuyers, developers who construct housing units and nonprofit organizations that support affordable housing initiatives. The authors emphasize the significance of collaboration among these stakeholders to overcome challenges and enhance affordable housing provision.

Oladokun, Oladokun and Ajayi (2020) focus on the role of community-based organizations (CBOs) and community development associations (CDAs) in addressing housing needs at the grassroots level. These local-level stakeholders actively engage with communities and play a significant role in identifying housing challenges, mobilizing resources, implementing sustainable affordable housing solutions. The authors stress the importance of community participation and empowerment in achieving successful housing interventions.

Adewale, Osibanjo and Oluwatayo (2020) highlight the role of the private sector in affordable housing provision. They emphasize that private developers, contractors, and real estate companies are important stakeholders that contribute to increasing the supply of affordable housing units. The authors discuss the challenges faced by private sector actors, such as high construction costs and limited access to financing, and suggest strategies to promote their involvement in affordable housing initiatives.

Oyediran, Oluwoye and Olatunji (2017) focus on the role of international organizations and donor agencies in supporting affordable housing provision in Nigeria. They discuss the involvement of organizations such as the World Bank, United Nations Habitat, and African Development Bank in providing financial support, technical assistance, and capacity building programs to address the housing deficit. The authors emphasize the importance of international partnerships and collaboration for successful affordable housing initiatives.

These references emphasize the diverse range of stakeholders involved in affordable housing provision in Nigeria. Government agencies, finance institutions, housing developers, nonprofit organizations, community-based organizations, community development associations and real estate companies, as well as international organizations and donor agencies all contribute to addressing housing challenges and implementing sustainable housing solutions. Collaboration and active participation among these stakeholders are crucial for effective and comprehensive approaches to affordable housing provision in the country.

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3.0 Materials and Methods

Table 1. Methodology

Methodological	Description
Component	
Research Approach	Literature Review
Data Sources	Academic Journals, Books, Reports, Government Documents
Inclusion Criteria	Challenges to Affordable Housing Provision in Nigeria, Recent Publications
Data Extraction	Key Concepts, Findings, Methodologies, and Recommendations
Data Analysis Techniques	Thematic Analysis, Synthesis of Findings

Source: Authors, 2023

Findings and Discussions

Key Factors Contributing to the Lack of Affordable Housing in Nigeria

The key factors contributing to the lack of affordable housing in Nigeria are influenced by various socio-economic and policy-related aspects. The following are some prominent factors identified and supported by relevant authors in the literature.

High Construction Costs: High construction costs pose a major barrier to affordable housing provision in Nigeria. Ademiluyi and Odunsanya (2019) argue that escalating construction costs result in higher housing prices, making it difficult for low-income earners to afford decent housing. Ayedun and Olaleye (2018) emphasize the impact of construction costs on housing affordability, highlighting the need for cost-effective building techniques and materials.

Inadequate Urban Planning and Land Use: Ineffective urban planning and land use policies contribute to the lack of affordable housing in Nigeria. Olotuah and Edewor (2015) suggest that inefficient land allocation and urban planning lead to spatial inequality, scarcity of available land for housing, and increased housing costs. Afolayan, Ayedun, Olayinka and Odunsi (2019) emphasize the importance of comprehensive and sustainable urban planning strategies to address the housing needs of the population.

Limited Access to Finance: Limited access to finance is a significant obstacle in achieving affordable housing in Nigeria. Lawanson (2015) highlights the challenges faced by low-income earners in securing mortgage financing, restricting their ability to purchase or construct affordable homes. Owolabi (2017) identifies the need for improved mortgage financing mechanisms and increased financial inclusion to enhance housing affordability for the populace.

Inadequate Infrastructure: Inadequate infrastructure exacerbates the lack of affordable housing in Nigeria. Aluko, Ojo, Ajayi and Oyediran (2018) emphasize that the absence of

basic infrastructure, such as water supply, electricity, and transportation networks, hinders housing development and increases construction costs. Aiyetan and Odusami (2016) stress the importance of integrated infrastructure provision to support affordable housing initiatives and enhance livability.

Limited Government Support and Policy Implementation: Limited government support and ineffective policy implementation contribute to the challenges of affordable housing provision in Nigeria. Dada and Ojo (2018) evaluate affordable housing policies and highlight gaps in their implementation, leading to inadequate housing supply. Ganiyu, Ibrahim, Ahmed and Oyediran (2018) emphasize the need for robust and sustainable housing policies, along with active government involvement, to address the housing crisis effectively.

Corruption and Bureaucracy: Corruption and bureaucracy are significant challenges that affect affordable housing provision in various contexts, including Nigeria. Onibokun and Kumuyi (2012) highlight corruption as a major obstacle to effective housing provision in Nigeria. Owoeye, Aiyetan and Oluwunmi (2020) examine the impact of corruption on public housing delivery in Nigeria. Oyebisi and Adewale (2017) discuss the challenges posed by bureaucracy in the provision of affordable housing in Nigeria. These authors' contributions highlight the detrimental impact of corruption and bureaucracy affordable on housing provision in Nigeria.

High Cost of Land/ Land Acquisition and Property Rights: The high cost of land and challenges related to land acquisition and property rights are significant obstacles to affordable housing provision in Nigeria. Aina and Olotuah (2019), Oladokun and Oyedele (2020), Oduwaye, Akintola and Aiyetan (2019), Oluwatayo and Omole (2013) and others examine the challenges of land acquisition and property rights in Nigeria's housing sector. They discuss issues such as high land prices, multiple ownership claims, and inadequate administration systems.

It is important to note that the factors contributing to the lack of affordable housing in Nigeria is not an exhaustive list, and additional sources may provide further insights into the factors affecting affordable housing provision in Nigeria.

Discussion of Key Factors Contributing to the Lack of Affordable Housing in Nigeria

High Construction Costs

High construction costs in Nigeria contribute significantly to the lack of affordable housing, posing a major barrier for low-income earners in accessing decent housing options. Ademiluyi and Odunsanya (2019) emphasize that as construction costs escalate, the overall housing prices rise, rendering affordable housing unattainable for a significant portion of the population. The increased cost of construction materials, labor, and associated expenses directly affects the affordability of housing units.

Ademiluyi and Odunsanya (2019) argue that the rising construction costs are primarily influenced by factors such as inflation, limited availability of affordable building materials, and high import tariffs on construction materials. These factors drive up the prices of building materials, making the construction process more expensive. As a result, housing developers pass on these costs to prospective homeowners, exacerbating the affordability challenge.

Ayedun and Olaleye (2018) further emphasize the impact of construction costs on housing affordability in Nigeria. They advocate for the adoption of cost-effective building techniques and materials to mitigate the high construction costs. Embracing innovative construction methods, such as the use of sustainable and locally sourced materials, can help reduce expenses and make housing more affordable. Additionally, Ayedun and Olaleye (2018) highlight the importance of exploring alternative construction approaches, such as prefabricated housing or modular construction, to lower costs and expedite the construction process.

Addressing high construction costs requires a multi-faceted approach. First, there is a need for government intervention to create an enabling environment that promotes the availability and affordability of construction materials. This may involve reducing import tariffs, improving local manufacturing capacities, and implementing policies to regulate the prices of construction materials.

Furthermore, capacity-building programs and technical training can be provided to local construction professionals and artisans to enhance their skills in cost-effective construction techniques. This includes promoting sustainable building practices, encouraging the use of locally available materials, and adopting energy-efficient designs to reduce long-term maintenance and operational costs.

Collaboration between the public and private sectors is crucial in developing partnerships that can drive down construction costs. Public-private partnerships can leverage resources and expertise to explore innovative financing models; promotes affordable housing initiatives, and invest in research and development of cost-effective building solutions.

High Cost of Land/ Land Acquisition and Property Rights

The high cost of land and challenges related to land acquisition and property rights is another critical factor contributing to the lack of affordable housing in Nigeria. Several authors have highlighted this issue and its implications for housing affordability.

Olotuah and Edewor (2015) argue that inefficient land allocation and urban planning contribute to high land prices, making it challenging for developers to acquire affordable land for housing projects. The limited availability of suitable and affordable land hampers the development of affordable housing options, especially in urban areas where demand is high.

Aina and Olotuah (2019) examine the high cost of land as a barrier to affordable housing in Nigeria. They discuss factors such as urban land speculation, inadequate land management systems, and the lack of affordable land for housing development. The authors highlight the need for land reform policies, land regularization

programs, and the provision of affordable land for housing purposes.

Oladokun and Oyedele (2020) examine the challenges of land acquisition for affordable housing projects in Nigeria. They discuss issues such as land documentation, multiple ownership claims, and legal disputes that often increase costs and delays in housing development. The authors emphasize the importance of clear land titling, streamlined land acquisition processes, and effective land use planning to address these challenges.

Oduwaye, Akintola and Aiyetan (2019) discuss property rights issues and their implications for affordable housing provision in Nigeria. They highlight challenges such as insecure tenure, informal settlements, and lack of proper property documentation, which limit access to affordable housing and hinder investment in the sector. The authors stress the need for secure property rights, land regularization programs, and community involvement in addressing these issues.

Oluwatayo and Omole (2013) examine the challenges of land acquisition and property rights in Nigeria's housing sector. They discuss issues such as high land prices, multiple ownership claims, and inadequate land administration systems. The authors emphasize the need for efficient land management practices, clear property rights, and reforms in land acquisition processes to facilitate affordable housing development.

Ezeah and Onuu (2017) examine the impact of land tenure systems on affordable housing provision in Nigeria. They discuss complexities of land ownership, customary land tenure practices, and conflicts over land rights. highlight The authors the need comprehensive land reforms, secure land tenure systems, and the regularization of informal settlements to address the challenges of land acquisition and property rights in affordable housing initiatives.

Oloke and Oyediran (2020) discuss the impact of land prices on housing affordability in Nigeria. They examine factors contributing to the high cost of land, such as speculative activities, urban sprawl, and inadequate land supply. The authors emphasize the need for strategies to address land speculation, increase land availability, and promote affordable land access for housing development.

Afolayan et al. (2019) emphasize the importance of comprehensive and sustainable urban planning strategies to address the issue of high land costs. Inadequate land-use planning policies, rapid urbanization, and speculation in land markets have driven up land prices, creating an unfavorable environment for affordable housing initiatives. They recommend the adoption of policies that promote affordable land acquisition, such as land banking, land readjustment, and land-use zoning regulations.

The high cost of land is influenced by factors such as urbanization, population growth, and limited supply. As cities expand and demand for land increases, prices naturally rise. Additionally, issues related to land titling, multiple ownership claims, and inadequate land records further complicate the land acquisition process and inflate costs.

To address the high cost of land, effective land governance and reforms are essential. This includes streamlining land administration processes, improving land titling systems, and establishing transparent mechanisms for land allocation and transactions. Government intervention, through the implementation of land policies that prioritize affordable housing initiatives, can play a crucial role in reducing land costs.

Collaboration between the public and private sectors is vital in exploring innovative approaches to land acquisition and management. Public-private partnerships can facilitate land development projects, including the provision of affordable housing, by leveraging resources and expertise.

Inadequate Urban Planning and Land Use

Inadequate urban planning and land use policies have a significant impact on the availability and affordability of housing in Nigeria. Scholars such as Olotuah and Edewor (2015) and Afolayan et

al. (2019) have shed light on the consequences of ineffective urban planning and land allocation practices, highlighting the need for comprehensive and sustainable strategies to address the housing needs of the population.

One of the key issues arising from inadequate urban planning is spatial inequality. Olotuah and Edewor (2015) argue that inefficient land allocation exacerbates the concentration of housing in certain areas, leading to spatial disparities in access to affordable housing. This spatial imbalance further contributes to social and economic inequalities within communities.

Moreover, inadequate urban planning leads to a scarcity of available land for housing development. Afolayan et al. (2019) highlight how rapid urbanization and population growth place immense pressure on land resources. The lack of proper land use planning and regulations hinders the identification and allocation of suitable land for affordable housing projects. As a result, developers face challenges in securing land at affordable prices, thereby increasing the overall cost of housing.

In addition to spatial inequality and land scarcity, ineffective urban planning also contributes to increased housing costs. Olotuah and Edewor (2015) point out that the lack of integrated urban planning strategies results in the absence of adequate infrastructure, amenities, and services in many areas. The inadequate provision of basic infrastructure such as water, electricity, and transportation networks raises the costs associated with housing development. These additional costs are often passed on to homebuyers or renters, making housing less affordable.

To address these issues, comprehensive and sustainable urban planning strategies are necessary. Afolayan et al. (2019) emphasize the importance of adopting urban planning approaches that consider long-term housing needs and promote equitable spatial distribution. This entails developing well-designed master plans, zoning regulations, and land-use policies that prioritize affordable housing initiatives. Effective land allocation mechanisms, such as land banking and land readjustment, can also be

employed to ensure the availability of suitable land for affordable housing development.

Furthermore, collaboration among various stakeholders, including government bodies, urban planners, developers, and communities, is crucial for successful urban planning and land use. This collaboration can help ensure the integration of affordable housing goals into urban development plans, promote public-private partnerships, and enhance community participation in decision-making processes.

Limited Access to Finance

Limited access to finance poses a significant challenge to affordable housing provision in Nigeria. Scholars such as Lawanson (2015) and Owolabi (2017) have emphasized the difficulties faced by low-income earners in securing mortgage financing and the need for improved financial mechanisms to enhance housing affordability.

Lawanson (2015) highlights the challenges faced by low-income earners in accessing mortgage financing. Traditional lending institutions often have stringent requirements and high collateral demands, making it difficult for low-income individuals to qualify for housing loans. Additionally, the lack of formal financial inclusion and inadequate credit information systems further restrict access to affordable financing options.

Owolabi (2017) underscores the importance of improved mortgage financing mechanisms to enhance housing affordability. This includes the development of innovative financial products and services tailored to the needs of low-income earners. Owolabi also emphasizes the need for increased financial inclusion, ensuring that a broader segment of the population has access to formal financial institutions and services.

To address limited access to finance for affordable housing, several measures can be taken. First, there is a need to establish specialized housing finance institutions that cater specifically to the housing needs of low-income earners. These institutions can provide flexible loan terms, lower collateral

requirements, and longer repayment periods to make homeownership more accessible.

Promoting financial literacy and educating individuals about available housing finance options is also crucial. This can empower low-income earners to make informed decisions and take advantage of the financial resources available to them. Governments and NGOs can play an active role in conducting financial literacy programs and providing information on housing finance opportunities.

Furthermore, improving the overall financial inclusion in Nigeria is vital. This can be achieved by expanding the reach of formal financial institutions, enhancing mobile banking services, and implementing supportive policies that encourage financial institutions to serve underserved populations.

Collaboration between the public and private sectors is indeed crucial in addressing the issue of limited access to finance for affordable housing. Public-private partnerships can facilitate the development of innovative financing models, such as microfinance initiatives and housing cooperatives, to provide affordable housing finance options to low-income earners.

Private sectors can play a significant role in providing innovative financial solutions and resources. Here are some examples of private sectors that can aid in improving access to housing finance:

- Commercial Banks: Commercial banks can develop specialized mortgage products tailored to the needs of low-income earners. They can offer lower interest rates, reduced down payment requirements, and longer repayment periods to make housing loans more affordable. Collaboration with commercial banks can help expand the availability of mortgage financing options for low-income individuals.
- Microfinance Institutions (MFIs): MFIs specialize in providing financial services to low-income individuals and small businesses. They can offer microloans specifically for housing purposes, with flexible repayment terms and

lower interest rates. Collaborating with MFIs can enable targeted lending to low-income earners who may not qualify for traditional bank loans.

- Housing Finance Companies: Housing finance companies focus on providing financial products and services exclusively for housing purposes. They can offer affordable home loans, construction loans, and home improvement loans to cater to the specific needs of low-income individuals. Collaboration with housing finance companies can bring specialized expertise and resources to address the financing challenges in affordable housing.
- Real Estate Developers: Private real estate developers can contribute to addressing limited access to finance by offering innovative financing models. For instance, they can provide rent-to-own schemes, where tenants can gradually accumulate equity towards homeownership while paying affordable rent. Real estate developers can collaborate with financial institutions to structure financing options that align with the income levels and affordability of low-income earners.
- Impact Investors and Social Enterprises: Impact investors and social enterprises focus on generating social and environmental impact alongside financial returns. They can invest in affordable housing projects and provide patient capital with more flexible terms and longer repayment periods. Collaborating with impact investors and social enterprises can help channel funding into affordable housing initiatives.
- Housing Cooperatives: Housing cooperatives are formed by individuals pooling their resources to collectively build or purchase housing units. They can collaborate with financial institutions to access group loans or mortgages, leveraging the collective financial strength of their members. Housing cooperatives provide an alternative avenue for affordable housing finance and can be supported by private sector entities.

These examples highlight the diverse private sector entities that can contribute to improving access to housing finance. Collaboration between these private sectors and the public

sector can foster innovative financing models, increase the availability of affordable housing finance options, and bridge the gap in access to finance for low-income individuals.

Inadequate Infrastructure

Inadequate infrastructure is a significant contributing factor to the lack of affordable housing in Nigeria. Scholars such as Aluko et al. (2018) and Aiyetan and Odusami (2016) have highlighted the detrimental effects of inadequate infrastructure on housing development and the need for integrated infrastructure provision to support affordable housing initiatives.

The absence of basic infrastructure, such as supply, electricity, transportation networks, poses significant challenges to housing development. Aluko et al. (2018) argue that the lack of these essential services hampers the construction process and increases the overall costs of housing projects. Developers often have to invest additional resources in providing alternative solutions for infrastructure, further driving up the prices of housing units. This makes it difficult for lowincome earners to afford decent housing options.

Furthermore, inadequate infrastructure affects the livability and quality of housing. Aiyetan and Odusami (2016) stress the importance of integrated infrastructure provision to enhance the functionality and comfort of affordable housing. Access to clean water, reliable electricity, and efficient transportation systems are crucial for creating sustainable and livable communities. In the absence of such infrastructure, residents may face inconvenience, health risks, and reduced overall quality of life.

To address the issue of inadequate infrastructure its impact on affordable housing, comprehensive planning and coordinated efforts are necessary. The integration of infrastructure planning with housing development initiatives is crucial. This involves considering the provision of basic services in the early stages of housing projects and ensuring that adequate infrastructure is available before the occupancy of housing units.

Government intervention is essential improving infrastructure provision. It requires the allocation of sufficient resources, the establishment of effective regulatory frameworks. and the coordination infrastructure development agencies. Publicprivate partnerships can also play a significant role in leveraging private sector expertise and investment in infrastructure projects.

addition, sustainable and innovative approaches to infrastructure development should be considered. This includes the use of renewable energy sources, efficient water management systems, and the incorporation of smart technology to enhance infrastructure efficiency and reduce long-term operational costs etc.

- Renewable Energy Integration: The integration of renewable energy sources can enhance infrastructure sustainability and reduce dependence on fossil fuels. Ayodele, Alabi, Akanmu and Akinbami (2020) suggest the incorporation of solar panels or wind turbines in housing projects to provide clean and affordable energy. This approach not only reduces carbon emissions but also lowers long-term energy costs for residents.
- Green Building Practices: Green building practices promote energy efficiency, conservation, and the of environmentally friendly materials in construction. Adeyemi et al. (2019) highlight the importance of adopting green building standards such as LEED (Leadership in Energy and **BREEAM** Environmental Design) and (Building Research Establishment Environmental Assessment Method) to improve the sustainability and performance of affordable housing projects.
- Water Management Systems: Efficient water management systems can address water scarcity and ensure sustainable water supply. Adeniyi et al. (2017) propose the use of rainwater harvesting systems, water recycling and reuse technologies, and efficient irrigation systems in housing developments. These approaches can reduce water consumption; alleviate pressure on

WWW.EJTAS.COM **EJTAS** 2023 | VOLUME 1 | NUMBER 4 existing water sources, and lower water costs for residents.

- Smart Infrastructure Technology: The integration of smart technology in infrastructure systems can enhance efficiency, monitoring, and management. Adekola and Oloyede (2018) discuss the application of Internet of Things (IoT) technology in monitoring and managing infrastructure networks, such as smart grid systems for electricity distribution. Smart infrastructure technology can optimize resource allocation, reduce wastage, and improve the overall functionality of infrastructure systems.
- Integrated Transportation Systems: Integrated transportation systems that prioritize sustainable modes of transportation can enhance mobility and reduce reliance on private vehicles. Adeoti, Odufuwa, Olajide and Akinlabi (2021) propose the development of well-connected and accessible public transportation networks, including bus rapid transit (BRT) systems and pedestrian-friendly infrastructure. This approach promotes sustainable urban mobility and reduces traffic congestion and carbon emissions.
- Waste Management Solutions: Sustainable waste management practices can contribute to environmental protection and improve the overall livability of communities. Akanni et al. (2021) emphasize the importance of waste segregation, recycling programs, and the establishment of waste-to-energy facilities in housing developments. These approaches minimize waste generation, promote recycling, and harness energy from waste materials.

It is crucial to prioritize affordable housing initiatives in areas where adequate infrastructure is already available or can be feasibly developed. This approach ensures that housing developments are well-supported by essential services and contributes to the creation of sustainable and inclusive communities.

Limited Government Support and Policy Implementation

Limited government support and ineffective policy implementation are significant factors hindering affordable housing provision in Nigeria. Scholars such as Dada and Ojo (2018) and Ganiyu et al. (2018) have shed light on the gaps in policy implementation and the importance of robust and sustainable housing policies supported by active government involvement. Dada and Ojo (2018) emphasize that despite the existence of affordable housing policies, their implementation has often been ineffective. This results in inadequate housing supply, particularly for low-income earners. Factors such as bureaucratic inefficiencies, corruption, and lack of coordination among government agencies contribute challenges faced in translating policies into tangible housing solutions. As a result, the housing crisis persists, with a widening gap between housing demand and supply.

Ganiyu et al. (2018) stress the crucial role of robust and sustainable housing policies in addressing the housing crisis. They highlight the need for policies that encompass the entire housing ecosystem, including land acquisition and allocation, infrastructure provision, financing mechanisms, and social housing programs. Such comprehensive policies should be designed with a long-term perspective, considering the diverse housing needs of the population and promoting inclusive and sustainable housing development.

Active government involvement is vital in driving effective policy implementation and creating an enabling environment for affordable housing provision. This includes establishing clear regulatory frameworks, streamlining bureaucratic processes, and fostering collaboration between relevant government agencies. Additionally, governments should allocate sufficient resources for affordable their housing programs and monitor implementation to ensure accountability and transparency.

To address the issue of limited government support and policy implementation, several measures can be undertaken. First, there is a need for a comprehensive review and update of existing housing policies to align them with current challenges and aspirations. This should involve engaging various stakeholders, including housing experts, community representatives,

and civil society organizations, to ensure the policies address the diverse housing needs of the population. Furthermore, capacity building programs for government officials responsible for housing policy implementation can enhance their knowledge and skills in effective policy execution. Training programs can focus on areas such as project management, monitoring and evaluation, and public-private partnership facilitation.

Collaboration between the government and the private sector is crucial to address the challenges of affordable housing provision. Public-private partnerships can leverage the resources, expertise, and innovative approaches of both sectors to accelerate housing development and bridge the affordability gap.

Corruption and Bureaucracy

Corruption and bureaucracy are significant challenges that affect affordable housing provision in various contexts, including Nigeria. Here are some references that discuss these issues:

Onibokun and Kumuyi (2012) highlight corruption as a major obstacle to effective housing provision in Nigeria. They discuss how corrupt practices, such as bribery and embezzlement, undermine transparency, fairness, and accountability in the allocation of housing resources. The authors emphasize the need for anti-corruption measures and institutional reforms to combat corruption in the housing sector.

Owoeye, Aiyetan and Oluwunmi (2020) examine the impact of corruption on public housing delivery in Nigeria. They discuss how corrupt practices, such as kickbacks and favoritism, result in substandard housing construction, misallocation of resources, and delays in project completion. The authors emphasize the need for stronger anti-corruption mechanisms, improved governance, and increased transparency in the housing sector. Oyebisi and Adewale (2017) discuss the challenges posed by bureaucracy in the provision of affordable housing in Nigeria. They examine the bureaucratic processes and red tape that hinder the timely implementation

of housing projects and the delivery of services. The authors emphasize the need for streamlined administrative procedures, efficient decision-making, and improved coordination among relevant government agencies.

These references highlight the detrimental impact of corruption and bureaucracy on affordable housing provision in Nigeria. They underline the need for measures to combat corruption, improve governance, and streamline administrative processes to ensure transparency, fairness, and efficient delivery of affordable housing projects.

Recommendations

To address the challenges related to affordable housing provision in Nigeria, several recommendations can be considered:

Enhance Policy Implementation and Government Support

- Strengthen coordination among government agencies responsible for housing and urban development to ensure effective policy implementation.
- Establish clear regulatory frameworks and streamline bureaucratic processes to expedite housing projects and minimize delays.
- Allocate sufficient resources and funding for affordable housing programs, with a focus on long-term sustainability and inclusivity.
- Enhance transparency, accountability and monitoring mechanisms to ensure proper utilization of resources and prevent corruption.

Promote Public-Private Partnerships

- Foster collaboration between the public and private sectors to leverage expertise, resources and innovative approaches in affordable housing provision.
- Encourage private sector investment in affordable housing through incentives such as tax breaks, land concessions, and streamlined approval processes.

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• Facilitate public-private partnerships in infrastructure development to address the challenges of inadequate infrastructure and reduce construction costs.

Improve Access to Finance

- Enhance financial inclusion and develop innovative mortgage financing mechanisms tailored to the needs of low-income earners.
- Collaborate with financial institutions to provide accessible and affordable housing finance options, including microfinance and housing cooperatives.
- Establish housing funds or subsidies to support the financing of affordable housing projects and bridge the affordability gap.

Strengthen Urban Planning and Land Use

- Develop comprehensive and sustainable urban planning strategies that prioritize affordable housing and address spatial inequality.
- Improve land allocation and management practices to ensure the availability of suitable land for affordable housing development.
- Encourage mixed-use development and density optimization to maximize land use and promote efficient urban growth.

Invest in Infrastructure Development

- Prioritize the provision of basic infrastructure such as water supply, electricity, and transportation networks in housing developments.
- Adopt sustainable and innovative infrastructure solutions, including renewable energy integration, green building practices, and efficient water management systems.
- Collaborate with relevant stakeholders to invest in the development and maintenance of infrastructure to support affordable housing projects.

Enhance Stakeholder Engagement and Community Participation

- Involve community members, housing associations, and civil society organizations in the decision-making process regarding affordable housing projects.
- Conduct regular consultations and engage in dialogue with stakeholders to ensure their needs and concerns are taken into account.
- Promote awareness and education about affordable housing programs and initiatives to empower communities and create a sense of ownership.

Strengthen Capacity Building and Knowledge Sharing

- Provide training programs and capacitybuilding initiatives for government officials, professionals, and stakeholders involved in affordable housing provision.
- Encourage research and knowledge sharing among academics, practitioners, and policymakers to identify best practices, innovative solutions, and lessons learned.

Conclusion

In conclusion, the lack of affordable housing in Nigeria is influenced by multiple interconnected factors. High construction costs, as highlighted by Ademiluyi and Odunsanya (2019) and Ayedun and Olaleye (2018), hinder housing affordability and necessitate the adoption of cost-effective building techniques and materials. The high cost of land, emphasized by Olotuah and Edewor (2015) and Afolayan et al. (2019), further exacerbates the affordability challenge, necessitating comprehensive urban planning and effective land governance. Limited access to finance, as discussed by Lawanson (2015) and Owolabi (2017), restricts the ability of lowincome earners to secure mortgage financing, underscoring the need for improved financial mechanisms and increased financial inclusion.

Additionally, inadequate urban planning and land use policies, as highlighted by Olotuah and

Edewor (2015) and Afolayan et al. (2019), contribute to spatial inequality and increased housing costs, necessitating comprehensive and sustainable urban planning strategies. Inadequate infrastructure, as emphasized by Aluko et al. (2018) and Aiyetan and Odusami (2016), hampers housing development and increases construction costs, calling integrated infrastructure provision. Limited government support and ineffective policy implementation, as discussed by Dada and Ojo (2018) and Ganiyu et al. (2018), hinder affordable housing provision, underscoring the importance of robust and sustainable housing policies and active government involvement. Finally, Onibokun and Kumuyi (2012), Owoeye, Aiyetan and Oluwunmi (2020) and Oyebisi and Adewale (2017) declares that corruption and has bureaucracy detrimental impact affordable housing provision in Nigeria.

Several recommendations have been given in this paper. By implementing these recommendations, Nigeria can make significant progress in overcoming the challenges of affordable housing provision and work towards creating sustainable, inclusive, and affordable housing solutions for its population.

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