
SUSTAINABLE EDUCATION IN NIGERIA

Peer Reviewed Book Chapter

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© 2026 International Journal of Education,
Management & Global Development - IJEMGD

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Acknowledgments

The editors would like to extend their sincere appreciation to all the authors who contributed to this work, *Sustainable Education in Nigeria*. Your scholarly dedication, insightful analyses, and commitment to advancing educational sustainability across Nigeria have made this work both meaningful and impactful.

We are grateful for the diversity of perspectives and the depth of research each of you has brought to this collection. Your contributions not only enrich academic discourse but also provide practical pathways for educators, policymakers, and stakeholders striving to improve educational systems in Nigeria and beyond.

We also acknowledge the time, effort, and professionalism demonstrated throughout the development of this volume. Your collaboration and responsiveness have been invaluable in bringing this project to fruition.

Thank you for your commitment to knowledge creation and for helping shape a more sustainable future for education in Nigeria.

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1

AN INVESTIGATION INTO THE CHALLENGES MILITATING AGAINST THE DEVELOPMENT OF EARLY CHILDHOOD EDUCATION IN THE FEDERAL CAPITAL TERRITORY (FCT), ABUJA.

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Abstract

This chapter examined the challenges militating against the development of early childhood education in the Federal Capital Territory (FCT), Abuja. Early childhood education remains a critical foundation for cognitive, emotional, social, and physical development of children, yet its implementation in Abuja continues to face numerous obstacles despite the rapid expansion of nursery and pre-primary institutions across the territory. The chapter was necessitated by the growing concern that many early childhood centres in Abuja are unable to effectively achieve their educational objectives because of persistent administrative, financial, infrastructural, and professional challenges. The discussion adopted a review-based approach through the examination of relevant literature, policy documents, and empirical studies on early childhood education in Nigeria and the FCT in particular. The findings revealed that inadequate funding, shortage of qualified teachers, poor infrastructural facilities, weak policy implementation, high cost of quality education, poor supervision, and political as well as administrative problems constitute major barriers to effective development of early childhood education in the FCT. Practical examples from public and private early childhood centres across Abuja were used to illustrate the realities facing the sector. The chapter concluded that unless urgent measures are taken by government and stakeholders, the objectives of early childhood education in the FCT may remain difficult to attain. The chapter recommended improved funding, recruitment of qualified teachers, strengthening of monitoring mechanisms, and increased government commitment toward the provision of quality early childhood education in Abuja.

Keywords: Early Childhood Education; Federal Capital Territory; Abuja; Educational Development; Nursery Education; Pre-primary Education; Educational Challenges.

1.0. Introduction

The early years of a child's life constitute one of the most important stages in human development. During this period, children develop language, emotional stability, social interaction skills, creativity, and intellectual capacity that shape their future learning experiences. Early childhood education therefore serves as the foundation upon which subsequent educational attainment and personality development are built. It provides children with opportunities for guided learning, socialization, physical activities, and emotional growth within a structured educational environment. In Nigeria, early childhood education has gained increasing recognition following its inclusion in the National Policy on Education as an important component of the educational system. Government and private individuals have continued to establish nursery and pre-primary schools in different parts of the country to meet the growing demand for foundational education among young children. The Federal Capital Territory (FCT), Abuja, as the administrative headquarters of Nigeria, has witnessed rapid growth in population, urbanization, and educational expansion over the years. This development has equally resulted in the establishment of a large number of early childhood education centres across the six Area Councils of the FCT including Abuja Municipal Area Council (AMAC), Gwagwalada, Bwari, Kuje, Kwali, and Abaji.

Abuja presently hosts a significant number of public and private nursery schools, daycare centres, and pre-primary institutions designed to cater for children within the early years of development. In urban districts such as Maitama, Wuse, Gwarinpa, Asokoro, and Lokogoma, many private investors have established modern nursery schools with sophisticated facilities aimed at attracting parents seeking quality education for their children. Similarly, public primary schools across the FCT have incorporated early childhood classes as part of efforts to implement government educational policies. Despite the increase in the number of early childhood education centres in Abuja, many of these institutions are unable to function effectively due to numerous challenges confronting the sector. Several schools operate without adequate learning facilities, qualified teachers, instructional materials, playgrounds, and effective supervision. In some rural communities within the FCT, children learn in overcrowded classrooms and uncondusive environments that do not support effective teaching and learning. High school fees in private centres have also made access difficult for low-income families, while weak implementation of educational policies continues to affect the quality of services provided in many ECCDE centres.

Observations across many parts of Abuja indicate that some nursery schools are established primarily for commercial purposes without adequate compliance with educational standards and child development principles. Cases of employment of unqualified caregivers, poor sanitation facilities, unsafe school environments, and lack of educational materials have



continued to raise concern among educationists and child development experts. These challenges have negatively affected the realization of the objectives of early childhood education in the FCT. The persistent problems facing early childhood education in Abuja therefore justify the need for this chapter. Understanding the various challenges militating against the development of ECCDE in the FCT is necessary for policy improvement, educational planning, and effective implementation of programmes targeted at young children. This chapter was undertaken to critically examine the major factors hindering the growth and effective functioning of early childhood education in Abuja with the aim of providing useful recommendations for government, school proprietors, educational administrators, and other stakeholders in the education sector.

1.1. Conceptual Terms

Concept of Early childhood education

Early childhood education refers to organized learning experiences designed to support the physical, emotional, social, and cognitive growth of children from birth to about eight years of age. It prepares children for formal schooling through play, interaction, and guided learning activities (UNESCO, 2023). Early childhood education can be defined as a holistic educational process that introduces young children to structured learning environments outside the family setting while nurturing their intellectual, language, and behavioural development needed for future academic success (UNESCO IIEP, 2012). According to UNESCO's International Standard Classification of Education (ISCED 2011), early childhood education is an institutionalized programme for young children aimed at developing communication, motor, social, and learning skills through supervised educational activities before primary schooling. Early childhood education is the foundation stage of lifelong learning where children receive care, stimulation, guidance, and educational support that enhance brain development, creativity, emotional stability, and social adjustment during the formative years of life (UNESCO-IBE, 2023).

Early childhood education refers to educational and developmental programmes provided for children in their preschool years to promote healthy growth, school readiness, moral development, and positive interaction with others in both home and school environments (INEE, n.d.). Maduwesi (1999) viewed early childhood care education as the education offered to children who have not yet reached the statutory age of beginning primary school. He further maintained that it is a semi-formal education arrangement, usually outside home whereby young children from about the age of 3 years are exposed through play like activities in a group setting through mental, social and physical learning suited to their developmental stages, until the mandatory age of government approved formal schooling. Early childhood education refers to the structured teaching and care provided to children from birth to about eight years of age, although in the Nigerian context it is often associated with children aged three to five years in nursery and kindergarten settings. This stage of education is designed to support the holistic development of the child, including physical, cognitive, language,



emotional, and social growth. At this level, learning is largely activity-based and child-centred. Children are introduced to basic concepts such as numbers, letters, colours, and shapes through play, storytelling, music, and interaction with peers and teachers. The goal is not only to prepare children for formal schooling but also to develop curiosity, creativity, and problem-solving skills.

Nakpodia (2003) observed that Early Child Care Development and Education (ECCDE) is the education that provides for the physical, motor, health, nutritional, intellectual, aesthetic, emotional and social development of the pre-school child. If child education can provide these vital necessities which are fundamental in human life, it is not therefore unlikely to have an important and strong relationship with the pupils' performance at the primary school level and perhaps at the secondary and tertiary levels.

The purpose of Early Child Care Development and Education according to National policy on education (2013), shall be to effect a smooth transition from the home to the school; prepare the child for the primary level of education; provide adequate care, supervision and security for the children while their parents are at work; inculcate social, moral norms and values; inculcate in the child the spirit of enquiry and creativity through the exploration of nature, the environment, art, music and the use of toys, etc; develop a sense of co-operation and team-spirit; stimulate in the child good habits, including good health habits; and teach the rudiments of numbers; letters, colours, shapes, forms, etc, through play.

1.2. Result and Discussion on Challenges Militating Against the Development of Early Childhood Education in FCT, Abuja

Early Childhood Education (ECE) plays a major role in the intellectual, emotional, social, and physical development of children. In the Federal Capital Territory (FCT), Abuja, the programme has continued to face several challenges that limit its effective implementation and expansion. Findings from literature and empirical studies revealed that despite government efforts, many public and private early childhood centres in Abuja still operate below expected standards. The discussion below presents major challenges militating against the development of early childhood education in the FCT.

i. Inadequate Funding of Early Childhood Education

The problem of inadequate funding has been a major hindrance to the development of early childhood education in FCT, Abuja. Despite the recognition of the importance of early childhood education, the lack of financial support has severely impacted its growth and progress in the region. One of the major problems affecting the development of early childhood education in FCT Abuja is inadequate funding. Many ECCDE centres lack sufficient financial support from government authorities, thereby making it difficult to provide quality learning facilities, instructional materials, and child-friendly environments. Numerous studies have highlighted the detrimental effects of insufficient funding on early childhood education. It has been found that inadequate resources directly affect the quality of education provided to young



children and result in subpar learning outcomes. This ultimately leads to a widening gap in educational attainment between children from low-income families and those from more affluent backgrounds. Amadi, (2013) and Aguh, and Olutola, (2022) have shown that poor funding affects planning, implementation, supervision, and teacher welfare in early childhood institutions. In many public primary schools within area councils such as Gwagwalada, Kwali, and Bwari, early childhood classes are conducted in overcrowded classrooms with broken furniture and inadequate learning materials. Some schools operate without functional playgrounds, educational toys, or modern teaching aids needed for effective child development. In several cases, parents are forced to contribute money for chalks, charts, and classroom maintenance because government allocations are insufficient. Poor funding also affects feeding programmes, healthcare support, and maintenance of sanitation facilities in schools (Akindele, 2011). The lack of funding has also affected the availability of trained teachers and staff in early childhood education. Without proper training and support, teachers are unable to provide the necessary guidance and instruction to young learners, further impeding their development. This situation discourages enrolment and reduces the quality of learning experiences available to children in the FCT.

ii. Shortage of Qualified Early Childhood Teachers

Inadequate teachers is a major problem that is significantly affecting the development of early childhood education in FCT, Abuja. This issue has been identified as a barrier to the successful implementation of quality education in the region. The early childhood education in Abuja is facing the problem of shortage of professionally trained teachers. Many caregivers and teachers handling children at the pre-primary level lack specialized training in early childhood education. The lack of qualified and trained teachers hinders the delivery of effective instruction and support to young learners, leading to low academic achievement and hindered development of essential skills and knowledge. UNESCO (2026) and UNESCO. (2023) noted that employment of unqualified personnel negatively affects teaching quality and children's cognitive development. In many private nursery schools around satellite towns such as Kubwa, Lugbe, Nyanya, and Mararaba axis serving FCT residents, school proprietors employ secondary school leavers because they are cheaper to pay. Some teachers do not understand child psychology, classroom management for young learners, or the use of play-way methods prescribed in the National Policy on Education (Inuwa, & Muhammad, 2025). This issue has become prevalent in many areas of FCT, Abuja, leading to a decline in the overall quality of education in the region. Practical observations indicate that some teachers resort to harsh disciplinary measures, excessive copying of notes, and memorization techniques that are unsuitable for children in their formative years. Lack of regular training and retraining programmes further weakens teacher effectiveness in ECCDE centres across the FCT.

iii. Inadequate Infrastructural Facilities

Poor infrastructural facilities constitute another serious challenge militating against the growth of early childhood education in Abuja. Inadequate school facilities in FCT, Abuja have been a



constant obstacle in the development of early childhood education. The lack of proper infrastructure, resources, and equipment has significantly hindered the progress of children in their early education. This problem has been prevalent for years, and its impact is felt by both teachers and students. Several schools lack adequate classrooms, child-friendly furniture, recreational facilities, toilets, water supply, and safe learning environments. Ogunode, Ibidiran and Ibidiran (2021) identified infrastructural deficiencies as a major factor limiting effective implementation of ECCDE programmes in Nigeria. Studies have shown that a conducive learning environment is crucial for the academic and social development of children. However, due to inadequate school facilities, children in FCT, Abuja are unable to access quality education. The lack of basic facilities like classrooms, libraries, and playgrounds has forced schools to cram students in small and poorly ventilated rooms, leading to discomfort and distraction. As a result, students are unable to focus and learn effectively, negatively impacting their academic performance. In some public schools within rural communities in Abaji and Kuje Area Councils, children learn under trees or in temporary structures due to insufficient classrooms. During the rainy season, learning activities are often disrupted because classrooms leak or become flooded. Many early childhood centres also lack libraries, health units, sick bays, and instructional play materials necessary for practical learning. Some schools operate without perimeter fencing, thereby exposing children to security risks and environmental hazards. The poor state of infrastructure affects children's concentration, participation, and emotional well-being. The absence of essential resources like books, computers, and art supplies has limited the learning opportunities for these children. With limited access to learning materials, students are unable to explore and develop their skills and interests. This lack of exposure hinders their overall development, limiting their potential in the future.

iv. Poor Implementation of Government Policies

Early childhood education is a crucial aspect of a child's overall development. However, in FCT, Abuja, the development of early childhood education has been hindered by the poor implementation of government policies. This has become a major problem that needs to be addressed urgently. Poor implementation of educational policies is another challenge affecting early childhood education development in the FCT. Although Nigeria's National Policy on Education recognizes ECCDE as an important foundation for learning, implementation has remained weak in many states and the FCT. Government policies concerning teacher recruitment, curriculum implementation, supervision, and quality assurance are often inconsistently enforced (Ogunode, Akinsua-Ajape & Jegede, 2021). Ojo (2019) opined that one of the main issues affecting early childhood education in FCT is the lack of proper funding. Despite the government's promises to prioritize education, the budgetary allocation for early childhood education remains inadequate. As a result, schools lack the necessary resources and facilities to provide a quality education to children. In many cases, early childhood education receives less attention compared to primary and secondary education. For example, some public primary schools in Abuja establish nursery sections merely to satisfy policy directives without providing the necessary facilities and qualified staff required for proper



implementation. In addition, frequent policy changes and administrative bottlenecks delay effective execution of ECCDE programmes. Weak monitoring systems also encourage the proliferation of substandard nursery schools operating in residential buildings without meeting minimum educational standards. The policies put in place by the government are not effectively implemented. Many schools in FCT are not following the guidelines set by the government, leading to a lack of standardization in the education system. This has resulted in a wide disparity in the quality of education being provided, with some schools excelling while others are struggling.

v. High Cost of Quality Early Childhood Education

The high cost of accessing quality early childhood education is another challenge facing parents and guardians in Abuja. Many standard private nursery schools charge high tuition fees that are beyond the financial capacity of low-income families (Ogunod, Jegede, & Ajape 2021). This situation limits access to quality early childhood education for many children. In high-income districts such as Maitama, Asokoro, Wuse II, and Gwarinpa, some private early childhood centres demand expensive fees covering uniforms, books, transportation, feeding, and extracurricular activities. Civil servants and petty traders often struggle to meet these financial demands. As a result, many parents enrol their children in poorly equipped low-cost schools with inadequate facilities and untrained teachers (UNESCO International Bureau of Education (IBE). 2023). Some children are kept at home until they reach primary school age because parents cannot afford nursery education. This educational inequality contributes to differences in school readiness among children entering primary school within the FCT.

vi. Poor Supervision and Monitoring of ECCDE Centres

Poor supervision and monitoring by educational authorities also militate against the development of early childhood education in Abuja. Effective supervision is necessary to ensure compliance with educational standards, curriculum implementation, and child safety regulations (Ogunode, and Christopher, (2021). However, studies have shown that supervision of ECCDE centres in Nigeria remains weak and irregular. In many parts of the FCT, private nursery schools operate without adequate inspection from government agencies. Some centres function in converted residential apartments with overcrowded classrooms and unsafe learning conditions. There are cases where school owners employ underage caregivers or teachers without professional qualifications because monitoring officials rarely visit such centres. Inadequate supervision encourages examination malpractice at the nursery level, poor hygiene practices, and ineffective curriculum delivery (UNESCO International Institute for Educational Planning (IIEP). (2012). The shortage of trained inspectors and lack of transportation facilities for monitoring officers further worsen the problem in many area councils.

vii. Political and Administrative Challenges

Political interference and administrative bottlenecks have also hindered the growth of early childhood education in the FCT. Educational programmes often suffer from policy



discontinuity whenever government administrations change. Ogunode, (2020) identified political instability, administrative delays, and poor planning as factors affecting ECCDE implementation. In some instances, contracts for classroom construction and supply of educational materials are abandoned due to changes in political leadership or corruption in public administration. Funds allocated for ECCDE projects are sometimes diverted to other sectors (UNESCO Institute for Statistics (UIS). 2011). Administrative delays in recruitment of teachers, release of funds, and approval of educational projects negatively affect school operations. In rural communities within the FCT, some ECCDE centres remain neglected because political office holders concentrate developmental projects in urban districts. These political and administrative problems have slowed the expansion and improvement of quality early childhood education across the Federal Capital Territory.

Conclusion and Recommendations

This chapter examined the major challenges militating against the development of early childhood education in the Federal Capital Territory, Abuja. The review established that although Abuja hosts a large number of public and private early childhood education centres, the sector continues to experience serious setbacks that hinder effective service delivery and attainment of educational objectives. The study revealed that inadequate funding, shortage of qualified teachers, poor infrastructural facilities, weak policy implementation, high cost of quality education, inadequate supervision, and political as well as administrative problems remain significant barriers to the growth of early childhood education in the FCT.

The chapter further showed that many ECCDE centres in Abuja operate below expected standards, especially within rural communities and low-income areas where facilities and educational resources are grossly inadequate. These challenges have negatively affected children's learning experiences, school readiness, emotional development, and overall quality of foundational education. Based on the findings, the chapter recommend the following:

- 1) The Federal Capital Territory Administration (FCTA) should increase budgetary allocation to early childhood education to improve facilities, instructional materials, and learning environments in public ECCDE centres.
- 2) Government should recruit professionally trained early childhood educators and organize regular training programmes, workshops, and seminars for teachers handling young children.
- 3) Educational authorities should strengthen supervision and monitoring mechanisms to ensure that all nursery and pre-primary schools comply with approved educational standards and safety regulations.
- 4) School proprietors should provide child-friendly infrastructure such as playgrounds, libraries, toilets, sick bays, and recreational facilities necessary for effective child development.
- 5) The government should subsidize early childhood education programmes in public schools to enable children from low-income families to have access to quality foundational education.



- 6) Policies relating to early childhood education should be effectively implemented through proper funding, monitoring, and continuity in government educational programmes.
- 7) Parents, communities, and non-governmental organizations should collaborate with government authorities to support the development of early childhood education centres across the FCT.
- 8) The Universal Basic Education Commission (UBEC) and other educational agencies should intensify public enlightenment campaigns on the importance of early childhood education and the need to maintain quality standards in ECCDE centres.

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Concluding Synthesis

This volume on *Sustainable Education in Nigeria* contributes significantly to contemporary discourse on educational transformation by examining the policies, practices, innovations, and challenges shaping the Nigerian educational landscape. The chapters collectively demonstrate that sustainable education extends beyond improving access to schooling; it encompasses the creation of resilient, inclusive, equitable, and future-oriented learning systems capable of responding effectively to socio-economic, technological, and environmental changes.

A synthesis of the contributions reveals that sustainable education in Nigeria requires a holistic approach that integrates governance reforms, technological advancement, infrastructure development, teacher capacity building, curriculum modernization, and stakeholder engagement. The studies presented in this volume underscore the importance of aligning educational policies with national development priorities while ensuring responsiveness to global educational trends and Sustainable Development Goal 4 (SDG 4).

The volume highlights the transformative potential of digital technologies in expanding educational opportunities, particularly in underserved and rural communities. Emerging technologies, including artificial intelligence, learning management systems, educational data analytics, and digital content delivery platforms, present opportunities to improve teaching effectiveness, learner engagement, and administrative efficiency. However, their successful implementation depends on reliable infrastructure, adequate funding, digital literacy, and supportive policy frameworks.

The contributions further identify persistent challenges confronting the Nigerian education sector, including inadequate funding, infrastructure deficits, teacher shortages, policy discontinuity, regional disparities, insecurity, and socio-economic inequalities. These interconnected challenges continue to undermine educational quality and limit the realization of sustainable development objectives.

Importantly, the volume repositions education as a strategic instrument for national development, social mobility, economic competitiveness, innovation, and nation-building. Sustainable education is presented not merely as a sectoral concern but as a foundational pillar for achieving broader national aspirations, including poverty reduction, employment generation, social cohesion, and environmental sustainability.

Ultimately, this volume advances scholarly understanding and policy discussions by offering multidisciplinary perspectives and evidence-based insights into the future of education in Nigeria. It serves as a valuable resource for policymakers, researchers, educational leaders, development

practitioners, and other stakeholders committed to fostering educational systems that are resilient, inclusive, innovative, and sustainable.

Implications for Practice

Drawing from the collective findings and recommendations presented throughout this volume, the following strategic implications are proposed for policymakers, educational administrators, practitioners, researchers, and development partners:

Policy Reform and Strategic Governance

Governments at federal, state, and local levels should strengthen educational governance through evidence-based policymaking, institutional accountability, policy continuity, and effective monitoring and evaluation mechanisms. Sustainable educational development requires long-term planning that transcends political transitions and administrative changes.

Digital Transformation and Technology Integration

There is an urgent need to expand investments in educational technology infrastructure, internet connectivity, digital learning resources, and teacher digital competencies. Schools and higher education institutions should leverage emerging technologies to improve access, instructional quality, learner engagement, and administrative efficiency.

Sustainable Education Financing

Alternative and innovative funding mechanisms should complement public expenditure on education. Public-private partnerships, donor-supported initiatives, educational endowments, corporate social responsibility investments, and community participation can contribute to sustainable financing and improved educational outcomes.

Teacher Development and Professional Capacity Building

Continuous professional development should become an integral component of educational reform. Teachers must be equipped with contemporary pedagogical skills, technological competencies, research capabilities, and learner-centered instructional approaches necessary for twenty-first-century education.

Equity, Inclusion, and Access

Educational policies and interventions should prioritize disadvantaged populations, including learners in rural communities, girls, persons with disabilities, internally displaced persons, and

economically vulnerable groups. Sustainable education requires ensuring that no learner is excluded from quality educational opportunities.

Research, Innovation, and Data-Driven Decision Making

Educational institutions should strengthen research culture and promote evidence-based decision-making. Reliable educational data systems are essential for planning, resource allocation, performance assessment, and policy evaluation.

Infrastructure Development and Learning Environment Improvement

Governments and stakeholders should prioritize investments in school infrastructure, including classrooms, laboratories, libraries, digital facilities, sanitation systems, and renewable energy solutions. Safe and conducive learning environments are critical for educational sustainability.

Institutional Resilience and Crisis Preparedness

Educational systems should develop adaptive capacities to withstand disruptions arising from pandemics, economic crises, natural disasters, and security challenges. Flexible learning models, blended education approaches, and emergency response frameworks should be integrated into educational planning.

Multi-Stakeholder Collaboration

The sustainable transformation of education in Nigeria requires collaborative engagement among government agencies, educational institutions, private sector organizations, civil society groups, communities, and international development partners. Effective partnerships can mobilize resources, expertise, and innovation necessary for long-term educational advancement.

Editors' Note

The editors are pleased to present this volume on *Sustainable Education in Nigeria*, a scholarly contribution designed to address critical issues shaping the future of education within the country.

We express our sincere gratitude to the contributing authors whose research and professional insights have enriched this publication. Their diverse perspectives provide valuable understanding of the opportunities, challenges, and emerging trends influencing educational development in Nigeria.

We also acknowledge the dedicated efforts of peer reviewers, editorial board members, and institutional partners whose commitment to academic excellence has enhanced the quality, credibility, and relevance of this volume. Their contributions have ensured that the publication meets the highest standards of scholarly rigor and professional integrity.

This volume is intended to serve not only as an academic resource but also as a practical guide for policymakers, educational leaders, practitioners, researchers, and development organizations seeking innovative solutions to contemporary educational challenges.

It is our hope that the ideas, findings, and recommendations presented herein will stimulate further research, inform policy formulation, encourage collaboration, and inspire transformative action toward building an educational system that is equitable, innovative, resilient, and sustainable.

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