Block-Chain Land Administration Technology in Nigeria: Opportunities and Challenges

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Abstract : This paper explores the potential benefits of adopting blockchain technology in Nigeria's land administration systems while also addressing the challenges and implications of its implementation in the country's unique context. Through a comprehensive literature review and analysis of existing research, the paper delves into the key attributes of blockchain that can revolutionize land administration practices, with a particular focus on simplifying land registration procedures, expediting land title issuance, and enhancing data transparency and security. The decentralized and immutable nature of blockchain offers unique advantages, instilling trust and confidence in land transactions, which are especially crucial in Nigeria's land governance landscape. However, integrating blockchain in Nigeria's land administration ecosystem presents specific challenges, necessitating a critical evaluation of technical, socio-economic, and infrastructural barriers. These challenges encompass data privacy concerns, scalability, interoperability with outdated systems, and gaining acceptance from various stakeholders. By synthesizing these insights, the paper proposes strategies tailored to Nigeria's context to optimize the benefits of blockchain adoption while addressing the identified challenges. The research findings contribute significantly to the ongoing discourse on blockchain technology in Nigeria's land governance, offering evidence-based recommendations to policymakers, land administrators, and stakeholders. Ultimately, the paper aims to promote the effective utilization of blockchain, fostering efficiency, transparency, and trust in Nigeria's land administration systems to drive sustainable development and societal progress.

Keywords : block-chain, technology, stakeholders, land registration
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