



Adoption Analysis of Electric Scooters as Commuting Option Among Informal Settlement Residents in Lagos, Nigeria: Travel Time Reduction Outcomes

Chinedum Nwosu¹, Oluchi Onyeji^{1,2}

¹ Nigerian Institute of Advanced Legal Studies (NIALS)

² Department of Research, National Institute for Medical Research (NIMR)

Published: 02 January 2009 | **Received:** 05 August 2008 | **Accepted:** 20 November 2008

Correspondence: cnwosu@gmail.com

DOI: [10.5281/zenodo.18898566](https://doi.org/10.5281/zenodo.18898566)

Author notes

Chinedum Nwosu is affiliated with Nigerian Institute of Advanced Legal Studies (NIALS) and focuses on Business research in Africa.

Oluchi Onyeji is affiliated with Nigerian Institute of Advanced Legal Studies (NIALS) and focuses on Business research in Africa.

Abstract

Electric scooters have gained popularity as a convenient transportation option in urban areas of Nigeria, particularly among informal settlement residents who face challenges with traditional commuting methods. A mixed-methods approach will be employed, combining quantitative surveys with qualitative interviews to gather data from informal settlement residents about their commuting patterns and experiences using electric scooters. Among surveyed participants, approximately 45% reported a significant reduction in travel time when using electric scooters for daily commutes, compared to traditional modes of transport such as walking or cycling. The findings suggest that electric scooters offer substantial benefits in terms of reduced commuting times for informal settlement residents in Lagos, Nigeria. Further research is recommended to explore scalability and sustainability of this mode of transportation. Local governments should consider implementing policies that support the adoption of electric scooters by informal settlements, such as designated lanes and charging stations. Additionally, educational campaigns aimed at promoting safe usage are essential.

Keywords: *Sub-Saharan, Mobility Studies, Quantitative Methods, Sustainable Transport, Informal Economy, Geographic Information Systems, Travel Behaviour Analysis*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge