

**MOTORCYCLE [BODA-BODA] AS
EMERGING BUSINESS FOR THE
POOR IN TRANSPORT INDUSTRY
AND SUSTAINABLE DEVELOPMENT
IN MODERN KENYA**

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THEMES

ADDRESSING CHALLENGES FACING HUMANITY
THROUGH RESEARCH AND INNOVATION

SUB-THEME

EMERGING ECONOMIES AND REGIONAL
DEVELOPMENT

INTRODUCTION

- Motorcycle business known as “Boda-boda” eased transportation problem of connecting urban and rural areas in Kenya.
- The “boda-boda” is term which originated from its usage along board of Kenya and Uganda.
- It is derived from the English word “boarder” which means a boundary of two countries.
- The businessmen transported passengers and goods within the border town from the side of either Kenya or Uganda across the boundary of the two countries.
- The motorcycle apart from being cheaper to purchase, they are easy to maintain as compared to vehicle or ‘Matatu’ business in transport industry.

Theories of transport

- Ullman's[1956],theory of transportation- determined by three conditions as follows:
 - ✓ Complimentarity
 - ✓ Transferability
 - ✓ The concept of intervening opportunities surmises that both complimentability and transferability are possible only in absence of intervening opportunities at a place[to distract movement]other than the two complimentary places[Abler et aal.,1971].
- Zelinsky's[1971] hypothesis of mobility transition- proposed the hypothesis of mobility transition which paired the relationship between population dynamics

Four links

- Rural-Urban link
- Urban-Rural link
- Rural-Rural link
- Urban-Urban link.

The four links cause effective links on two ends in transportation system where there is point of production and the other point of consumption which facilitate the Boda Boda business in transport industry.

- ✓ This links forms in social life and economic perspectives

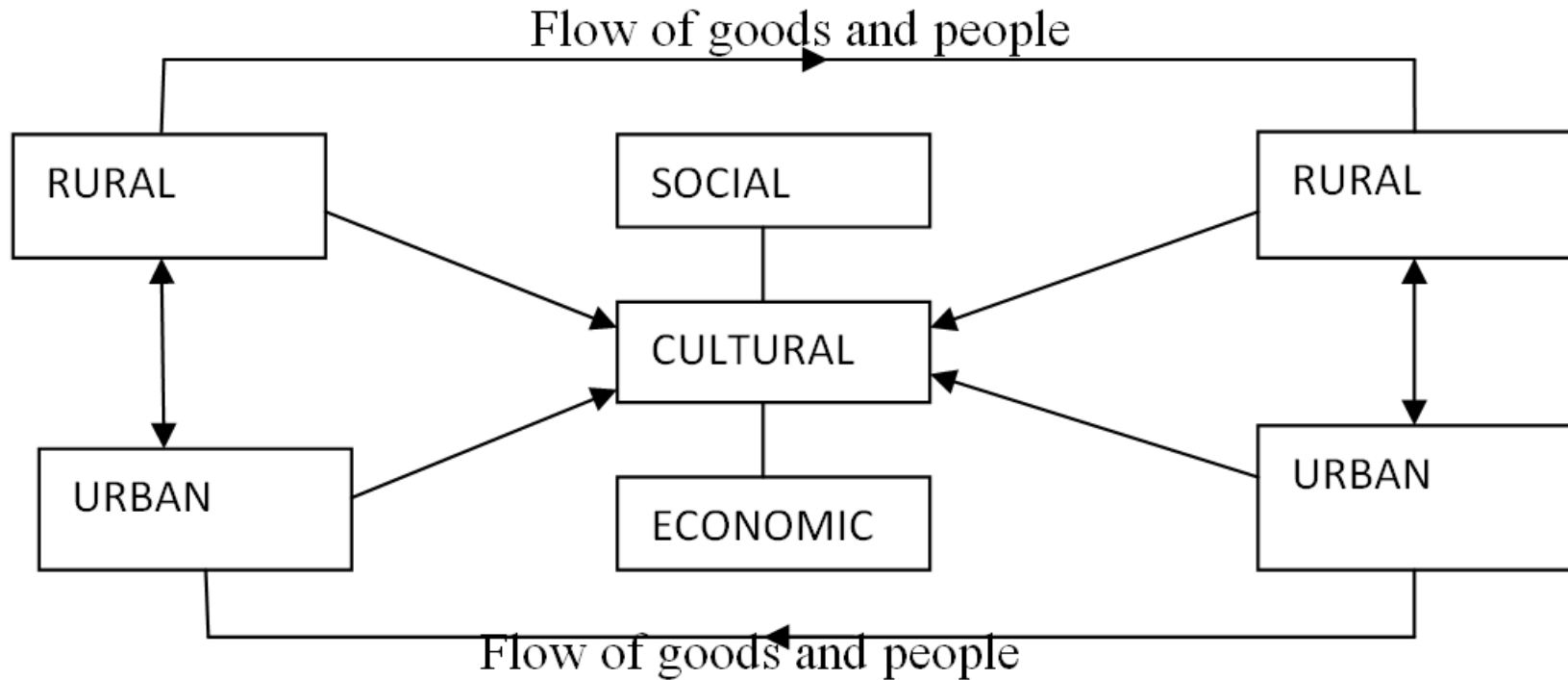
Types of motorcycles in transport

- Open motorcycle [normal state].
- Covered motorcycle with an umbrella, [modified state].
- Trailer motorcycle with three wheels.
- Passenger motorcycle with three wheels and popularly known as “Duku-Duku”

Development of Transport model

- Motor cycle business is discussed in major four links in the two components setups of rural and urban communities

Emergence of new model of transport system diagrammatically



The statement of the study

- The problems of Boda Boda riders cause accidents in Kenya highways and traffic jams in towns, yet it is a source of livelihood for the unemployed graduates and sustainable development

The objective of the study

- The objective is to investigate whether motorcycle riders acquire licence through training before transporting goods and people, and study the strategy to be used to minimize frequency of accidents without affecting the business.

Findings from the literature review

- According to Mwalo et al, [2003], there are general factors facilitating the mobility of factors of production which lead to Boda Boda business in transport industry
- The Boda Boda business has become significant to both the owner of the motor cycle, the rider and the customer.
- The paper enumerates the merits of Boda Boda businesses to the owner:
 - ✓ It is cheaper to purchase and maintain
 - ✓ The motor cycle can be used where roads are impassible

✓ It is a source of income.

The benefits to the rider are;

✓ creates employment opportunities for the riders

✓ The riders earn money which forms a source of livelihood

✓ It leads to improvement of livings of the riders.

The significance of Boda Boda business to the customer

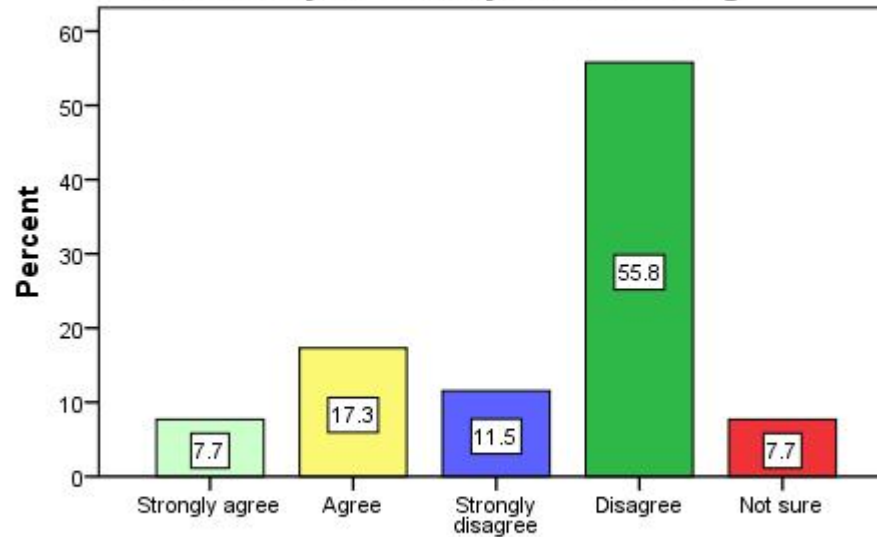
- ✓ It is readily available in all stages in towns or rural areas
- ✓ The charges of hiring are cheap and negotiable
- ✓ Transport the goods and deliver them to the doorsteps of a customer
- ✓ They can be used in transporting goods to places where there no good roads, because the use paths
- ✓ Customers enjoy the beautiful scenery outside and good breeze during hot season in coast
- ✓ The customers use the boda-boda as ambulance in transporting patients from remote areas in Kenya

Boda Boda business has significance challenges:

- ✓ Cause accidents and loss of lives
- ✓ cause congestion and traffic jams in towns
- ✓ The jams cause delays for people to report in places of work
- ✓ Boda Boda cannot carry heavy and bulky goods
- ✓ In urban towns they are associated with being used theft during the night.

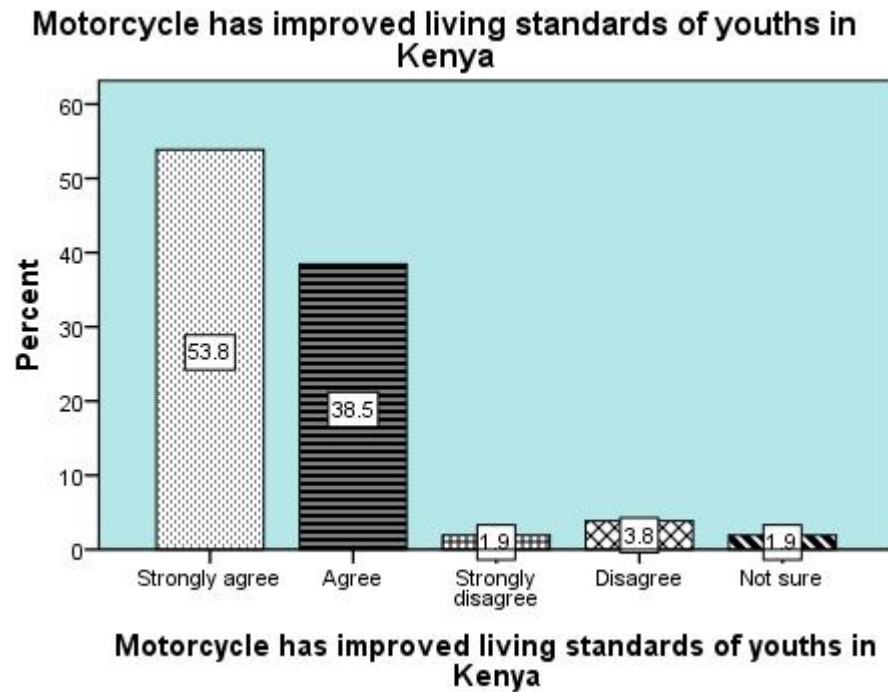
ANALYSIS OF DATA AND INTERPRETATION: Riders of motorcycles

Some riders of the motorcycle do not have license and train locally for one day and start riding



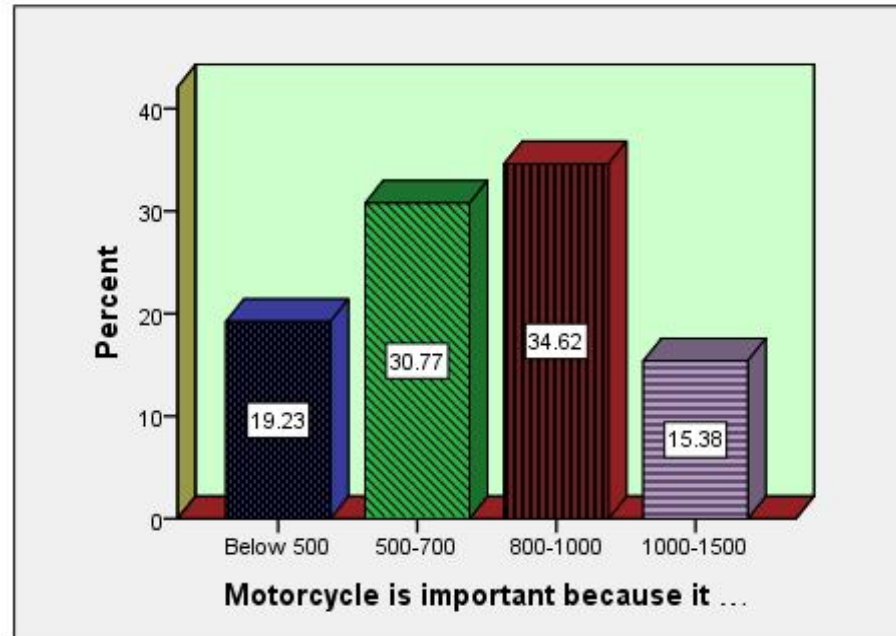
Some riders of the motorcycle do not have license and train locally for one day and start riding

Impacts of motorcycle on Kenyans: Improved living standards



Generation of income

Motorcycle is important because it generates income for both the rider and the owner at the end of the day



Conclusion of the study

- Source of livelihood of unemployed graduates youths in the towns in Kenya.
- Boda Boda business inspires sustained consistency in the quality of leadership and management in-put through the welfare associations formed in every town by Boda Boda [owners or riders].

Recommendations

- The helmet should be necessary requirement for both rider and customer to be transported
- No carrying more than two people in the boda boda, unless it is a trailer boda boda or "Duku-Duku"
- Speed governors should be installed into the motorcycles
- License be the prerequisite for motorcycle riders
- Heavy jacket and life saving jackets should worn always
- The offenders should be fined
- Reflector jackets should be worn for identification purposes.
- Women are encouraged to venture into boda boda business.