



AMEND

Road Traffic Injury in Tanzania: Development of a Local Government Road Safety Programme

8th Africa T2 Conference

Livingstone, Zambia

8th to 10th May 2017

Dr Fikiri Magafu and Tom Bishop



Summary of Contents

- Dr Magafu:
 - Introduction of the research on Improving road safety in rural area - PO RALG need!
 - What is PO RALG, mandate and functions?
- Tom Bishop:
 - Research findings
 - Development of road safety programme

Research in General [PO-RALG].

- Aim of research done by PO RALG:
 - to solve existing problems in the society.
 - to win influence of policy makers where necessary - change their views and assist them to make decision based on research evidences.
 - to reflect research outcomes into manual, guidelines and other directives.

President's Office, Regional Administration and Local Government

The office has mandated for:

- formulation, monitoring and evaluation of Decentralization by Devolution (D-by-D).**
- Rural and Urban development policies and their implementation.**
- Regional Administration.**
- Administration of Primary and Secondary education.**

President's Office, Regional Administration and Local Government

- Based on the mandate of the office it is clear that - Monitoring, coordination and implementation of development and maintenance of rural and urban roads is one of the primary functions of the office.**



Legal framework

The mandates of the Office are derived from the following:-

- i) The Constitution of the United Republic of Tanzania Articles 8(1), 145 and 146 of 1977 and the amendments that followed.**
- ii) The Local Government (District Authorities) Act No.7 of 1982 (Cap.287).**
- iii) The Local Government (Urban Authorities) Act No.8 of 1982 (Cap.288);**
- iv) The Local Government Finances Act No.9 of 1982 (Cap 290)**
 - (v) The Regional Administration Act No.19 of 1997 (Cap 97).**



Commitment to Improving Rural Livelihoods

In order to facilitate one of her primary function known as Rural and Urban development policies and their implementation, PO - RALG is improving rural roads under different programs like IRAT (Improving rural roads Access in Tanzania), AfCAP , Feed the Future, EU and Roads Fund.

Improving Rural Road Safety in Tanzania

Good management of those programs led to their integration and thus they complement each other with a common goal of Improving rural access roads in Tanzania.

Three programs of AfCAP, IRAT and Roads Fund have research components and PO - RALG is working with other partners to coordinate, conduct and Implement various researches on rural roads and make effective use of research outcomes by causing positive changes on policy, manuals and guidelines.

Rural road safety improvement is one among other researches done by PO RALG in collaboration with Amend and was directly monitored by PO -RALG on transport services categories.



Improving Rural Road Safety in Tanzania

- PO-RALG recognizes that improving rural roads can attract higher speeds and more traffic.
- PO-RALG also knows that level of understanding about traffic rules and related education is relatively low in rural area.
- PO- RALG noted that existing construction methodologies and materials used in road improvement can also be a source of accidents.
- In order to overcome those shortcoming a research study was conducted to find a simple way of Improving engineering design, construction material and level of understanding traffic rules to rural community.



Improving Rural Road Safety in Tanzania

- PO RALG has worked with Amend whereby various studies were carried out and the outcomes of the research works helped us to design safety interventions.
- During the study - existing gaps have been identified and studied, technical and social measures have been proposed and designed to suit some culture of rural community.
- As an uptake of this research work in Tanzania, two things were done. First, PO - RALG with approval from Ministry of Works, Transportation and Communication has incorporated some safety research outcomes in the new Manual for Provision of Low Volume Roads, 2016.



Improving Rural Road Safety in Tanzania

Second, PO RALG also produced a safety guideline that will be taught to rural community by District community officers.

PO RALG is committed to ensuring that safety is an integral part of rural road development and is working with Amend and other partners to ensure that there is Improvement in both Engineering and social parts of road safety component.



Amend

- Non-Governmental Organization (NGO) focused on road safety from a public health perspective
- Founded in 2005 in the United States
- Working in Tanzania since 2009. Also ten other countries in Africa
- Mission:
 - *Amend works to reduce the incidence of road traffic injury among the most vulnerable road users while helping create an environment for long-term, sustainable injury reduction*



Road Traffic Injury in Africa and Tanzania

- Over 1.2 million killed per year globally
- Between 20m and 50m seriously injured
- Africa has world's most dangerous roads:
 - Death rate: 27 per 100,000
 - 2% of vehicles, 16% of road deaths
- Tanzania:
 - Higher than Africa average death rate: 33 per 100,000
 - Around 3,500 deaths and 9,000 injuries reported per year
 - Real number suspected to be significantly higher



Research Findings

- AFCAP-funded research in Siha, Bagamoyo and Kilolo
 - 90% of motorised vehicles are motorcycles
 - 5.5% of general population injured in last year
 - Up to 100% of motorcycle drivers injured in last year
- Research into contributory factors in motorcycle crashes:
 1. Driver behaviour
 2. Design or condition of road
 3. Other – environment, vehicle condition, animals
- Survey of District Engineers
 - Motorcycles are most likely to cause injury
 - Road user behaviour is priority area to be addressed





AMEND



AMEND



AMEND



Kwa njia barabara, wakando wengine pia



Wakando wengine pia wakando wengine pia na mazingira ya barabara na wakando wengine pia wakando wengine pia



Panguza mwendo kwenye makazi ya watu na maeneo mengine yenye vatembea kwa miguu wengi



Kuondoka karibu na gari la asidi, sputa vitu vitakavyo tembezi wako na daima kuondoka kwa usione m

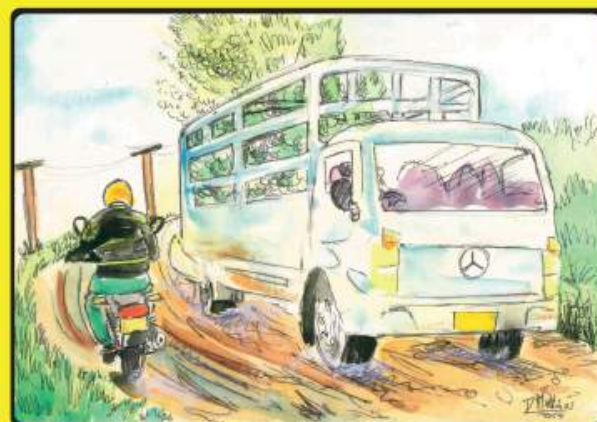
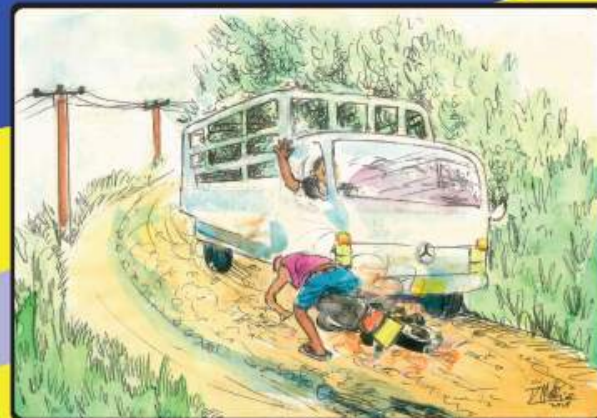
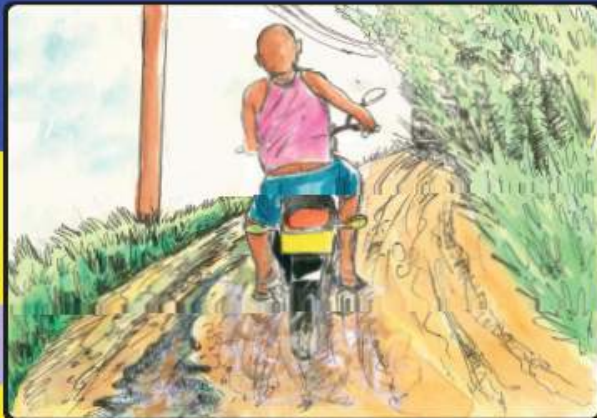


Wakando wengine pia wakando wengine pia wakando wengine pia wakando wengine pia



AMEND

Kuwa salama barabarani, walinde wengine pia



**Endesha kwa mwendo sahihi kulingana na mazingira ya barabara na
daima epuka kutumia upande wa barabara usio sahihi**



AMEND

Kuwa salama barabarani, walinde wengine pia



Daima tumia mavazi na vifaa vya kujikinga na madhara yatokanayo na ajali



AMEND

Kuwa salama barabarani, walinde wengine pia



Punguza mwendo kwenye makazi ya watu na maeneo mengine yenye watembea kwa miguu wengi



AMEND



AMEND



AMEND



AMEND



AMEND



AMEND

Next Steps

- Pilots: Implementation and evaluation
 - District-wide pilots of working with Community Development Officers
 - District Engineers' safety measures on future roads
- Further investigations and initial pilots
 - Community enforcement
 - SUMATRA MoU
 - Training, testing and licensing





Save Lives
SlowDown



Asanteni Sana

Karibuni Tanzania!



AMEND