

**Regional Consultation on Air quality, clean
vehicles and sustainable Mobility Road Map
24th -25th August 2016**

Nairobi – Kenya

NON MOTORISED TRANSPORT POLICY (NMT)

BY

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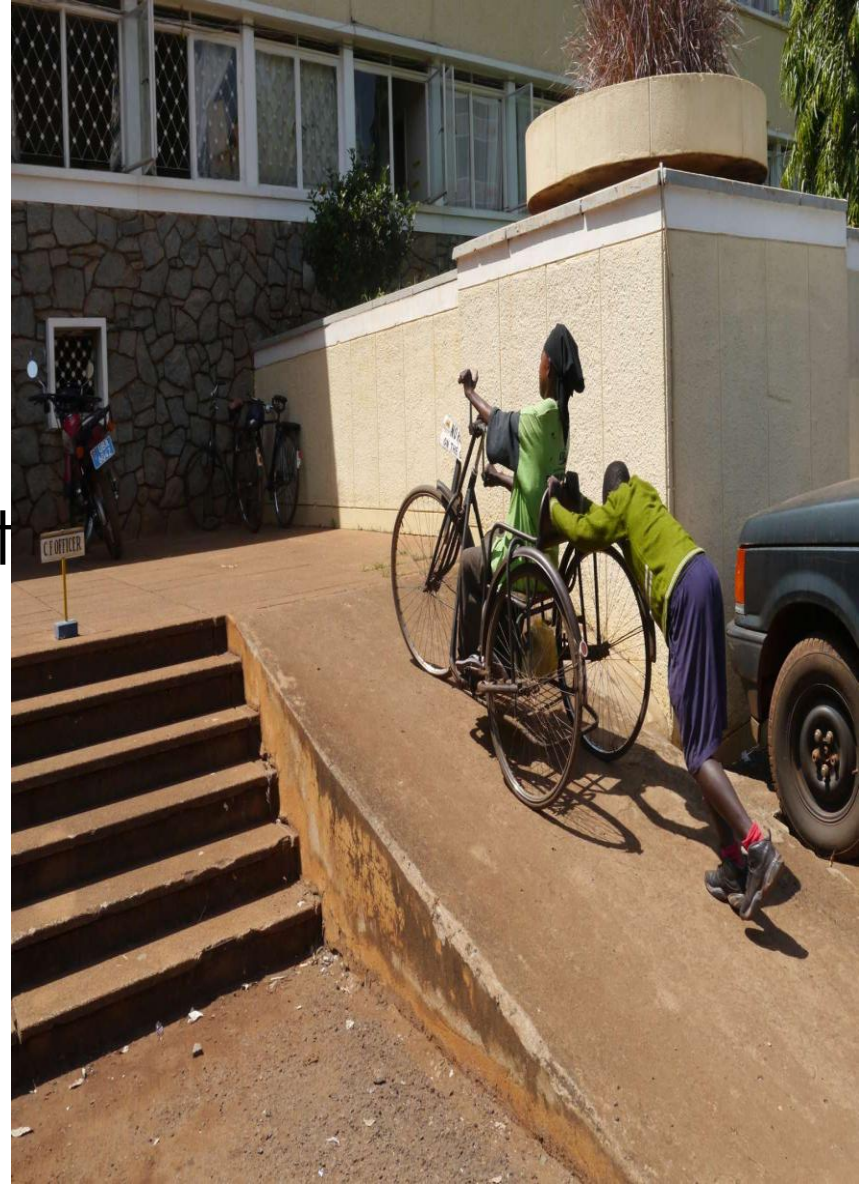
Presentation Layout

- NMT Mission statement
- Policy objectives
- NMT policy statements
- Interventions so far Under taken
- Next Steps/Planned Activities
- Proposed Areas of Research
- Pictorial View of Policy statements



NMT Mission Statement

NMT is to increase mobility, accessibility to services and promote sustainable economic and social development that will improve quality of life



Policy Goals/Objectives

- The primary objectives of this policy is to increase the recognition of NMT as one of the key transport modes.
- To Increase the recognition of walking and cycling in transport planning, design, and infrastructure provision
- To provide safe infrastructure for pedestrians and cyclists
- To mainstream resources for walking and cycling in agencies' financial planning
- The development and adoption by all agencies of universal design standards that provide for access to all sectors of the community
- To improve regulation and enforcement to enhance safety for pedestrians and cyclists.

Policy Statements

- **Universal design' principles-** Government will require that appropriate 'Universal Design' principles will be used in transport infrastructure and Initiatives
- Government to develop a **Road Safety** Policy and establish a National Road Safety Authority (NRSA)
- The Government will address the needs of pedestrians and bicyclists in the **planning, implementation, regulation and enforcement** of National and DUCAR road infrastructure

Policy statements cont'

- Government will recognize the need to maintain **footways and cycle ways** on all roads
- Government considers that all **road users** in Uganda have **equal rights** to use the road, through Education campaigns and sensitization
- The Government recognizes the importance of **walking and bicycling** as non-polluting, sustainable, healthy and environmentally friendly transport options.

Policy statements cont'

- Government recognizes other important non-motorized transport **facilities like boats on lakes** and rivers, the country's many lakes and rivers.
- Government to continuously **review road standards and prepare relevant codes and manuals** that encompass the infrastructure requirements of pedestrians and bicyclists
- Government to include NMT requirements on all **urban road designs, bridges and related infrastructure.**
- Government will **provide safe, unobstructed footways** in busy urban areas on which pedestrians have the right of way

Policy statements cont'

- Government recognizes **that men and women have equal rights to own** and use bicycles and that gender discrimination should be actively discouraged.
- Government to provide guidelines on **the standards for pedestrian crossings** to promote safe, durable and clear stripes with consistent signage.
- Government **to provide dedicated bicycle lanes** on all new and upgraded urban and national roads.
- Government to promote provision of adequate facilities for the **safe parking of bicycles** at all significant public buildings, markets, transport terminals, sports grounds, and large business premises.
- Government to promote the concept of **road catchment areas**, in which roads are seen to be part of the local transport infrastructure that also includes paths and trails

Interventions so far Under taken

- The Government approved National Road Safety Policy emphasizing NMT promotion
- The MoWT organises Annual Car Free Days aimed at popularizing NMT
- Government Included NMT activities in their Budget
- **UN-Habitat and UNEP** in collaboration with MoWT assessed the walking and cycling conditions and recommendations that will be integrated into the Planned Kampala BRT corridors designs
- Government under takes NMT Workshops Involving all key stakeholders to Disseminate NMT policy
- Detailed designs for the Planned BRT project for Kampala integrated NMT infrastructure
- Planned NMT pilot Corridor in Kampala (Detailed Designs for 3.5Km completed)
- Government is reviewing the Transport and Road Safety Act and the Highway Code and will ensure that both adequately address the needs of pedestrians and bicyclists.
- Government is undertaking Education campaigns to all users especially in schools

Next steps/Planned Activities

- Formulate and develop an M& E framework for the NMT Policy
- Finalize, disseminate and ensure usage of the design guidelines for NMT infrastructure
- Continued dissemination of the NMT Policy in all Country regions and on all road classifications
- Continued coordination with all the sector agencies and local governments to ensure that NMT issues are well streamlined in their activities
- Road Design guidelines for Implementation of NMT policy
- Continued engagement with the development actors to ensure sustainable funding for promotion and development of NMT

Proposed Areas of Research

- Study of the fiscal implications of bicycles and their economic and social benefits to Ugandans
- Study of the gender implications of bicycle ownership and use
- Study on the relative contribution of walking, carrying and bicycle use in rural marketing and trade

Universal design: non-compliant NMT infrastructure

Kampala, Uganda

Pedestrian crossing on northern bypass with no ramp and inappropriately placed as leading into a culvert



Universal design: non-compliant NMT infrastructure

Kampala, Uganda

Open cross drain



Universal design: non-compliant NMT infrastructure

Kampala, Uganda

Unprotected dangerous drop



Roads and road maintenance



Government recognises the importance to people and economy of Uganda of walking and the use of non-motorised transport. The Government will ensure that the needs of pedestrians and bicyclists will be adequately addressed in the planning, implementation, regulation and enforcement of roads and other rural and urban infrastructure.

Roads and road maintenance



Government recognises that a great contribution to the safety of pedestrians and bicyclists in Uganda would be made if all rural and urban roads were maintained to their designated standards. Government expects the relevant authorities to improve road maintenance.

Roads and road maintenance



Government recognises the need to maintain footways and cycleways as well as the roads. This must not only include physical repair and maintenance, but also regular operational maintenance, involving clearing away obstructions, debris and any encroachment.

Hierarchy of presumed rights



Government considers that all road users in Uganda have rights to use the road but they also have clear responsibilities and must not abuse their rights. Dangerous road use is unacceptable. All road users must be empathetic to the needs of others, giving way when appropriate and not unreasonably demanding priority. Government will promote this through education and awareness creation, coordinated by the National Road Safety Agency.

Safety



The Government will promote the safety of pedestrians and non-motorised transport through the National Road Safety Authority (NRSA). NRSA will be expected to work with the Ministry of Education to improve road safety education and awareness in schools and educational establishments.

Safety



Government will promote the stricter enforcement of safety-related legislation for all road users. This will include dangerous driving practices by motorists and motorcyclists and the obstruction of pedestrian footways by cars, motorcycles and traders.

Safety



The Government will promote the construction of new NMT infrastructure, including footways, cycleways and cycle lanes, particularly in areas of high risk to pedestrians and bicyclists.

Safety



The Government will promote improved maintenance on all roads in order to remove some of the main causes of accidents.

Gender



Bicycles can empower women but men own most means of transport.

Gender



Government recognises that men and women have equal rights to own and use bicycles. Gender discrimination should be actively discouraged. Government will consult on gender related practices and attitudes and the social and economic implications of women using bicycles prior to initiating culturally appropriate promotion of bicycle use by women

National roads



Government, through the MoWT and the roads authorities, will review existing standards and prepare relevant codes and manuals that encompass the infrastructure requirements of pedestrians and bicyclists and the best practices to be followed from design to implementation.

Urban roads

*No infrastructure for
pedestrians*

Uganda



Urban roads



‘Chaotic’ roads

Urban roads



Government will require the authorities responsible for urban roads to identify priority areas for retro-fitting NMT infrastructure, including covered drains, constructed footways and designated shoulders. The use of one-way routes should be considered, to allow greater allocation of space for NMT users.

Urban roads



Government proposes that all new and refurbished urban roads in Uganda should provide appropriate NMT infrastructure, with footways and bicycle lanes.

Urban roads



Government requires that all urban road designs should include a non-motorised transport statement explaining how the needs of pedestrians and cyclists have been incorporated into the designs. Government requires that all relevant construction and maintenance contracts should require a non-motorised transport statement explaining how the needs of pedestrians and cyclists should be incorporated into the works.

Urban footways



Urban footways



Use of bollards

Urban footways



Government requires urban authorities to regularly inspect and maintain footways and enforce regulations to keep them unobstructed. Where there is a problem with vehicle encroachment, bollards should be used to protect the pedestrians and the footways



Government intends that the safe space available to NMT users will be substantially increased through the consistent enforcement of existing regulations to prevent the encroachment of road shoulders and footways by construction materials, stationary vehicles and informal trading enterprises. Government will require the urban authorities and the relevant enforcement personnel to achieve this.

Pedestrian crossings

Design

Platforms

Islands

Visibility

Signs

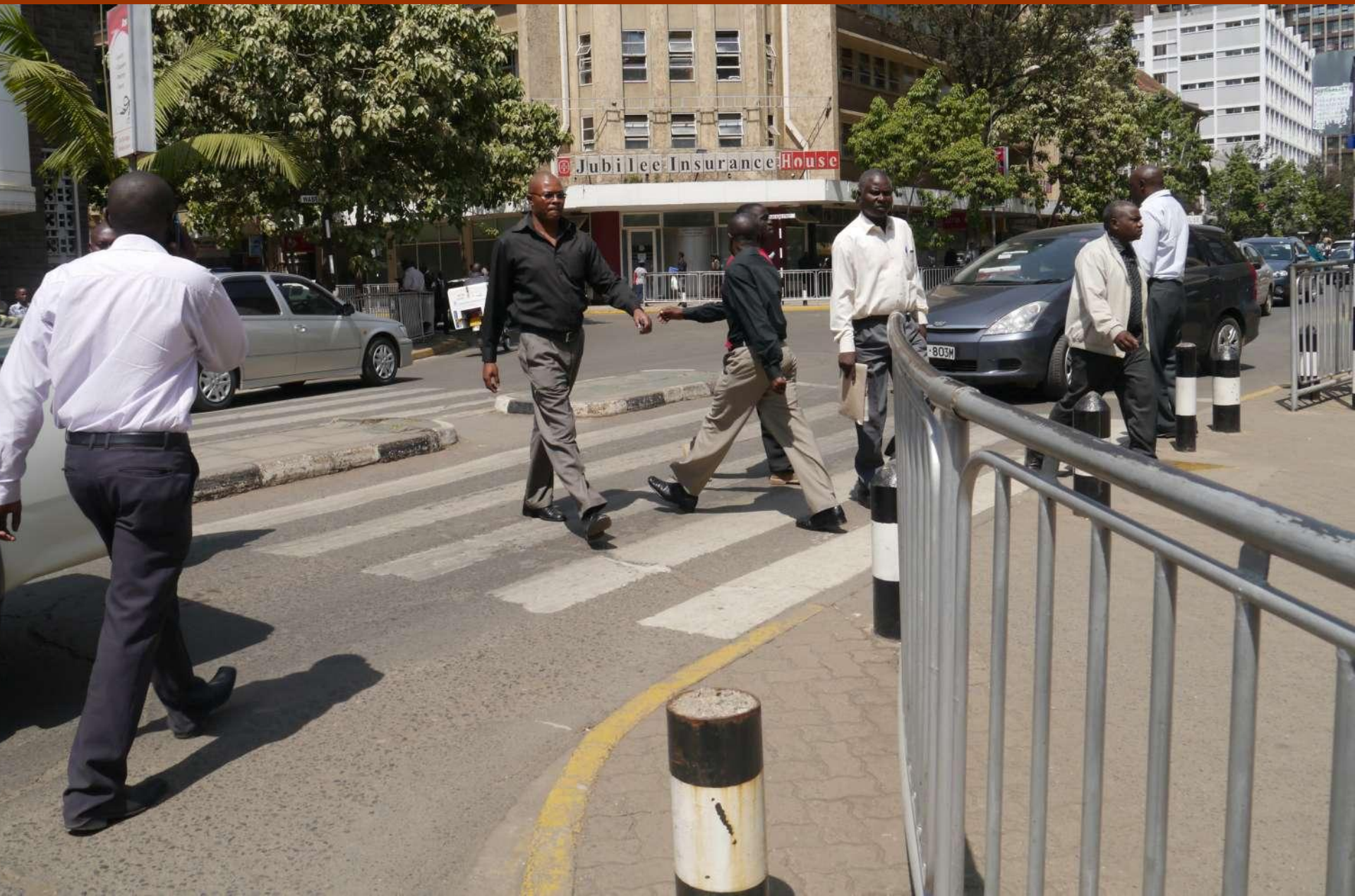
Signals

Traffic calming

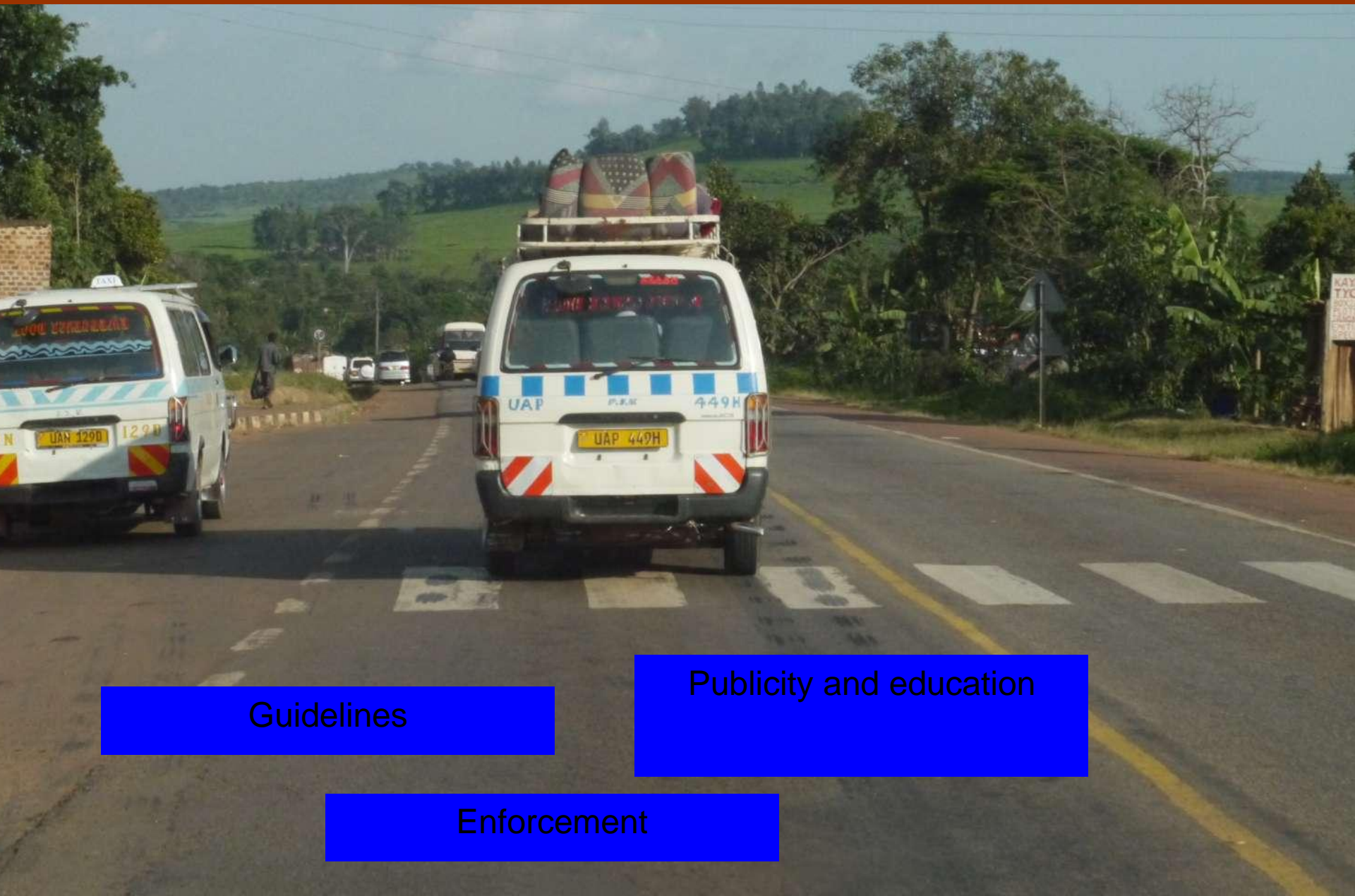
Location



Pedestrian crossings



Pedestrian crossings



Guidelines

Publicity and education

Enforcement

Cycleways



Government will commission studies to identify appropriate cycle routes (green ways) and cycle networks in and around Kampala and other towns. Government will work with KCCA and other urban authorities to develop demonstration and pilot projects that prioritise cyclists

Bicycle parking



Very few facilities for parking bicycles safely



Bicycle parking



Government will require that suitable stands for easy and secure bicycle parking should be included in the standards for all major buildings noting that cycle parking should be conveniently located for accessing the relevant building or facility. Such stands should normally be closer than the car parking spaces.

Footbridges



Kampala, Uganda

Non-integrated infrastructure. No access for pedestrians to the road crossing the bridge which could be used as a footbridge over the busy road)

Footbridges



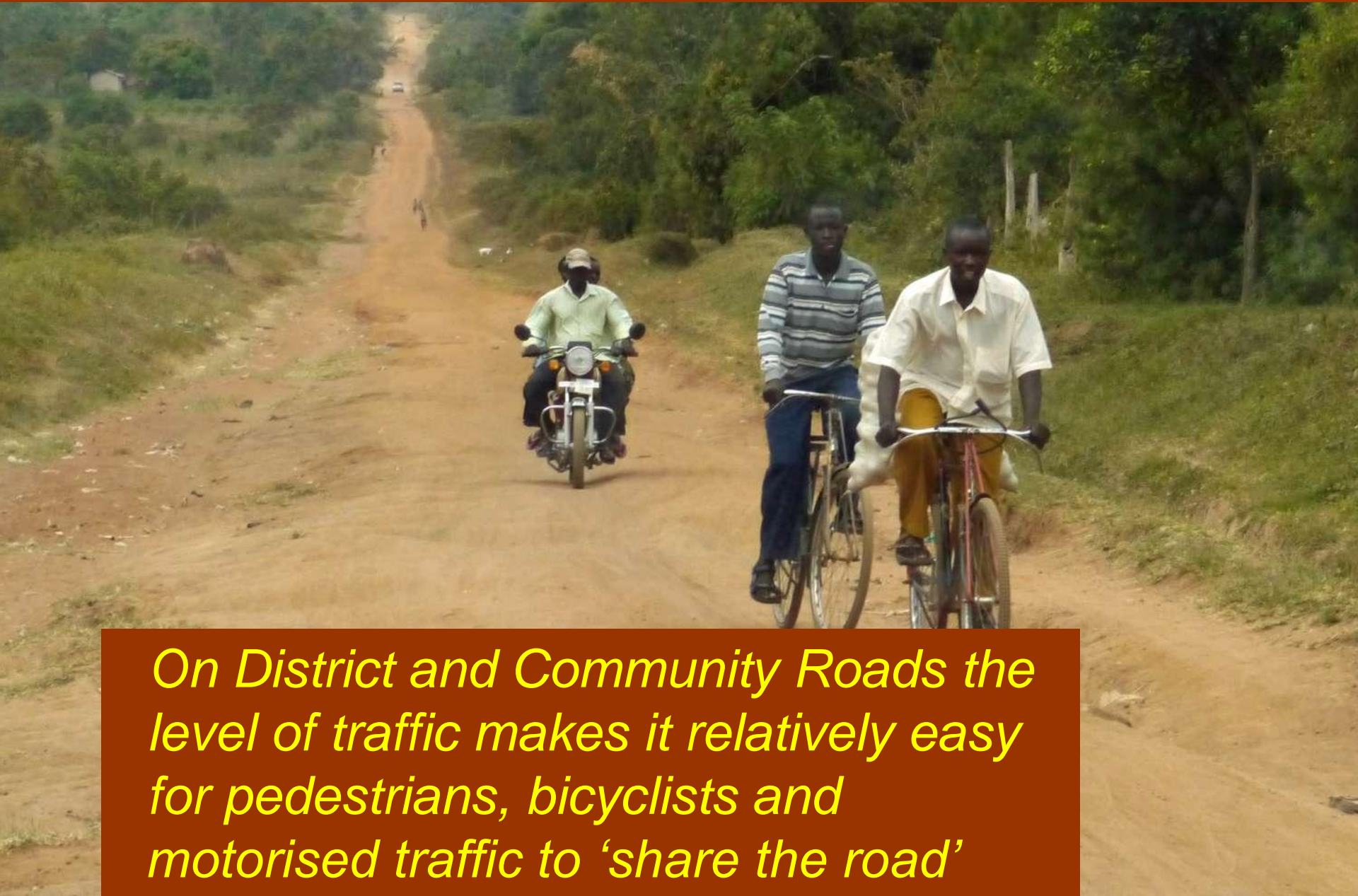
Government requires the provision of adequate safe crossing facilities for pedestrians and NMT users on busy or dangerous national and urban roads, noting the benefits to pedestrians of level crossings provided there is adequate safety, compliance and enforcement. Where traffic and pedestrian consideration require provision of footbridges, these will, as far as practicable, incorporate Universal Design principles.

Transport integration and BRT



Government intends that planning for the needs of pedestrians and bicyclists will be an integral part of all land transport schemes, including transport terminals and BRT. All BRT stops will incorporate Universal Design for easy pedestrian access and provide adequate bicycle parking facilities. Feeder bicycle routes will be developed.

District and Community Roads



On District and Community Roads the level of traffic makes it relatively easy for pedestrians, bicyclists and motorised traffic to 'share the road'

District and Community Roads



For the benefit of NMT and all road users, Government recommends that on District and Community roads, particular attention should be given to the adequate maintenance of road shoulders and drainage systems.

District and Community Roads



Government will require that all relevant construction and maintenance contracts should require a non-motorised transport statement explaining how the needs of pedestrians and cyclists should be incorporated into the works. Government will require compliance with these requirements.

Rural footpaths and trails



Government is aware of the great importance of rural footpaths to the people and economy of Uganda. Through its decentralised administrations and rural development projects, it will promote community-based action to consider the importance and condition of rural footpaths and to plan and implement appropriate maintenance and improvement interventions on priority paths.

Rural footbridges



Government will commission a review of rural footbridges, covering existing provision, additional requirements and recent experiences from other countries. If the conclusions suggest rural access is being constrained by the lack of good footbridges, Government will consider the creation of a specialised footbridge unit within the Ministry of Works and Transport.

Regulation and enforcement



Government will require KCCA and other urban authorities to enforce regulations to prevent the encroachment of NMT infrastructure by traders, parked cars and other obstructions.

Regulation and enforcement



The Government recognises the contribution that motorcycle boda-bodas make to the overall public transport system in the country, but requires them to conform to regulations relating to safety and the rights of other people, including pedestrians and bicyclists

Legislation



Government is commissioning a review the Transport and Road Safety Act and the Highway Code and will ensure that both adequately address the needs of pedestrians and bicyclists

Education and training



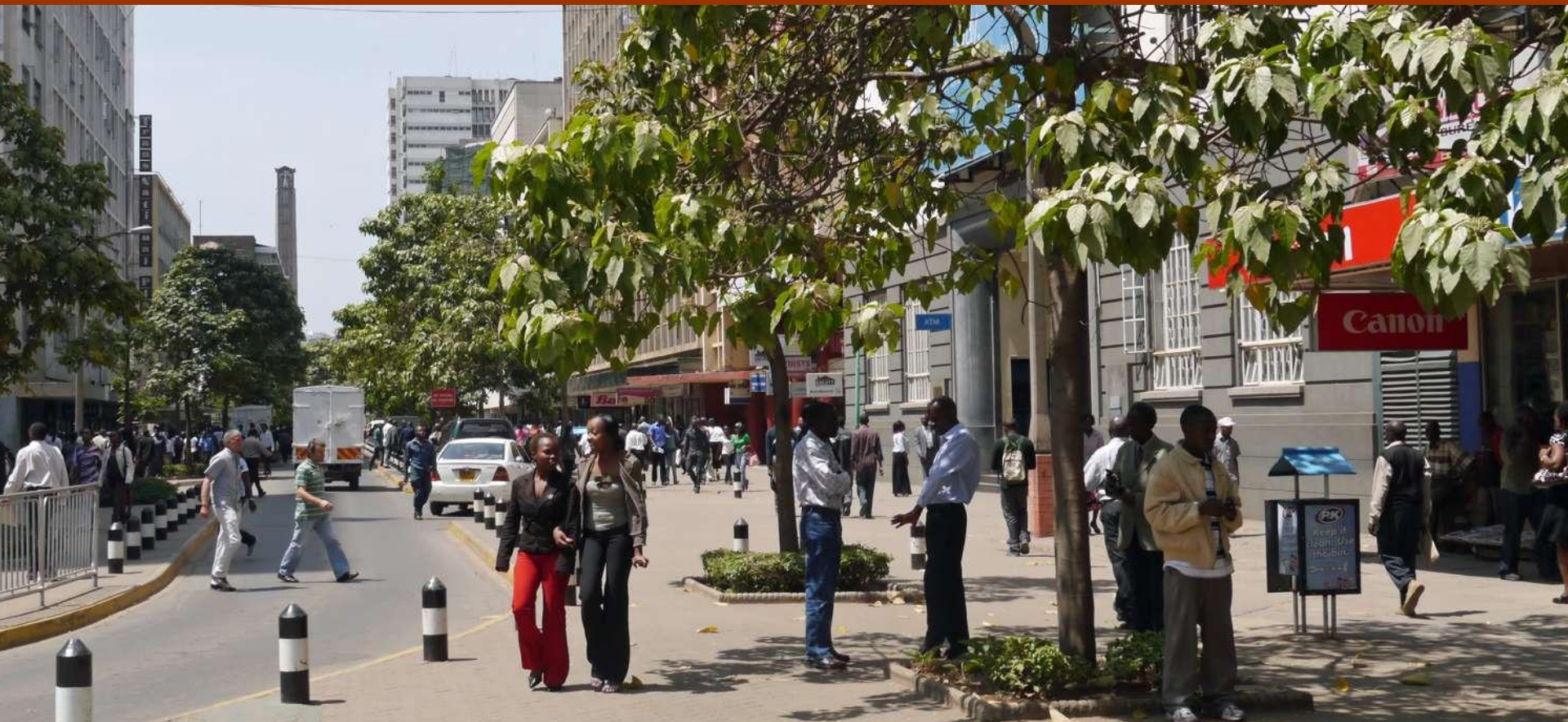
Government will promote the importance of walking, bicycling and the safety of all road users through appropriate educational curricula, training, awareness raising and advocacy. The Ministry of Education, the NRSA and other statutory bodies will help children and adults to understand existing regulations and the importance of responsible, empathetic behaviour of pedestrians, bicyclists and drivers of motor vehicles. Government will promote greater understanding of the Highway Code and encourage cycling proficiency courses and tests.

Multi-Modal Integration



Government will ensure that planning for the needs of pedestrians and bicyclists forms an integral part of all land transport schemes, including transport terminals and the planned BRT. All BRT stations will incorporate Universal Design for easy NMT access.

Pedestrianization



ACHIEVING HEALTH FOR WEALTH
NMT FOR SUSTAINABLE DEVELOPMENT

FOR GOD AND MY COUNTRY
THANK YOU FOR LISTENING