Share the Road
Invest in Walking and Cycling

Building safety and sustainability into urban and rural road infrastructure

Jane Akumu, UNEP
2 September 2013
• SSA has highest urban growth rate – about 5%
• Cost estimated at more than 5% in developing countries
• South Africa respiratory infections due to urban air pollution kill 2000 children annually
Annual average PM levels of major African cities are well above WHO Guideline

- WHO estimates that outdoor air pollution kills over 3 million people every year
- Diesel PM was officially classified by WHO as carcinogenic in 2012
Solution

UNEP’s approach

• **Avoid** transport where possible (NMT)
• **Shift** to cleaner & efficient modes (public transport)
• **Reduce** emissions (cleaner vehicles)
We are all pedestrians at some point
Non-Motorized Transport Infrastructure

- Inadequate cycling and pedestrian facilities
- Main cause of road accidents and fatalities
Transport modal share of the cities

UN Avenue Example

- **Concept of Roads**: Initial focus on cars
- **Mobility**: The focus
- **Share the Road**: Share the resources; provide designated space for each
Investments in NMT Infrastructure

**Environment**: Reduces GHG & air pollutant emissions, improves resource-efficiency in land and energy use.

**Safety**: Improves safety for all users by protecting vulnerable users through proper facilities.

**Accessibility**: Increases and improves affordable access to vital services and other transport modes.
With improved walking conditions, people are willing to walk longer to reach a Public Transport Station, thus extending the catchment area.

<table>
<thead>
<tr>
<th>Average Speed</th>
<th>Distance in 20 min</th>
<th>Distance in 30 min</th>
<th>Catchment Area (30 min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5 kph</td>
<td>0.83 km</td>
<td>1.25 km</td>
<td>4.91 km²</td>
</tr>
<tr>
<td>4.5 kph</td>
<td>1.16 km</td>
<td>1.75 km</td>
<td>9.62 km²</td>
</tr>
<tr>
<td>10 kph</td>
<td>3.33 km</td>
<td>5.00 km</td>
<td>78.5 km²</td>
</tr>
<tr>
<td>15 kph</td>
<td>5.00 km</td>
<td>7.50 km</td>
<td>176.7 km²</td>
</tr>
</tbody>
</table>

2 km walking around public transport stations

8 km to cycle to reach public transport stations
What next?

Key Achievements
• Technical Guidance Reports
• East African Launch
• African Exchange - June 2012

National Case Studies
• Uganda: policy developed, pilot on-going
• Kenya: policy change
• Rwanda: NMT pilot on-going
• Burundi: workshop

Partnerships
• Partnering with key donors
• Global up scaling - more regions African, LAC, Asia-Pacific
• International outreach – enhanced road safety and replication
• Toolkit development & training
Share the Road is a UNEP initiative, developed with the RIA Foundation for the Automobile and Society. It brings together the environment and safety agendas in the context of urban transport in the developing world where the majority, pedestrians and cyclists, are disadvantaged on the road. The overall goal is to catalyse government and donor policies for systematic investments in walking and cycling road infrastructure.

Key Achievements

☑ Policy change in Kenya
☑ Share the Road Global Report
☑ Launch in East Africa

In Focus

Latest Booklet

Updates & News

Meeting Announcement: Registration Open for EcoMobility Champions 2011
22
22-24 October 2011, Global Alliance for EcoMobility

Biking in Buenos Aires, Argentina, picks up speed: 70km of protected bike lanes built in last two years
6
6 September 2011, BBC Travel

New Report “Walkability in Indian Cities” released by CAI Asia: Low scores signal urgent need for improvements
1
1 September 2011, Clean Air Portal

Progress in Kenya, Share the Road’s first pilot country: KURA and UNEP continue close cooperation
19
Aug 2011, UNEP
Thank You

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