



Walkable African cities: Lessons from Addis Ababa and Kisumu

August 2024

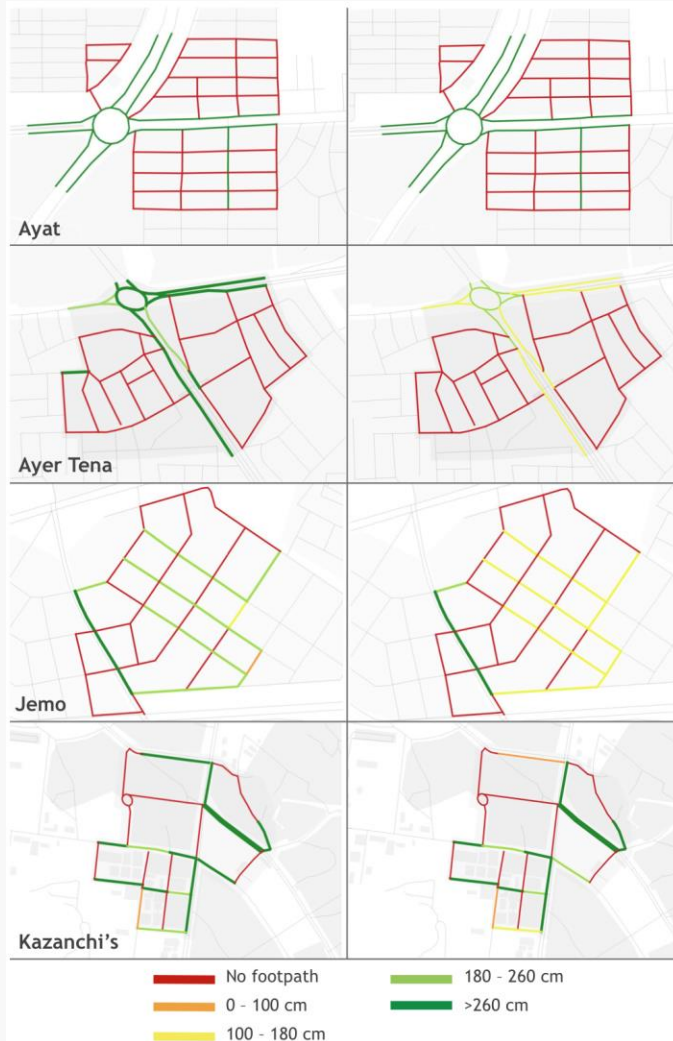
Addis Ababa NMT Strategy



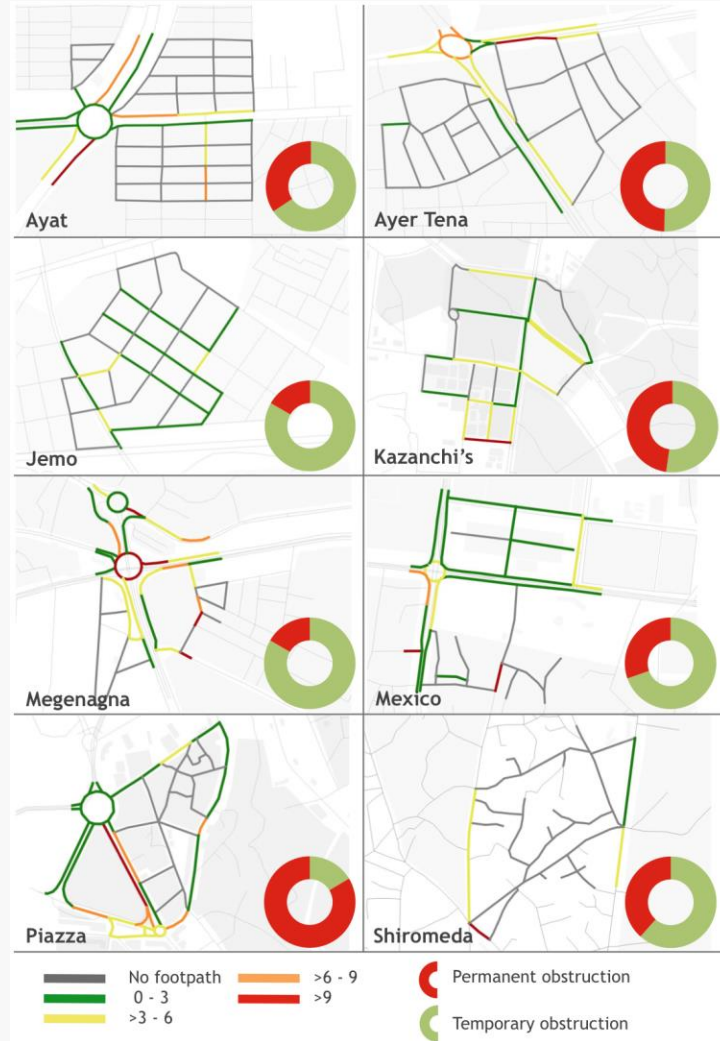
- Lack of walkways & cycle tracks on major streets
- Inadequate walkway width
- Poor maintenance
- Street lights
- Road safety



Footpath width

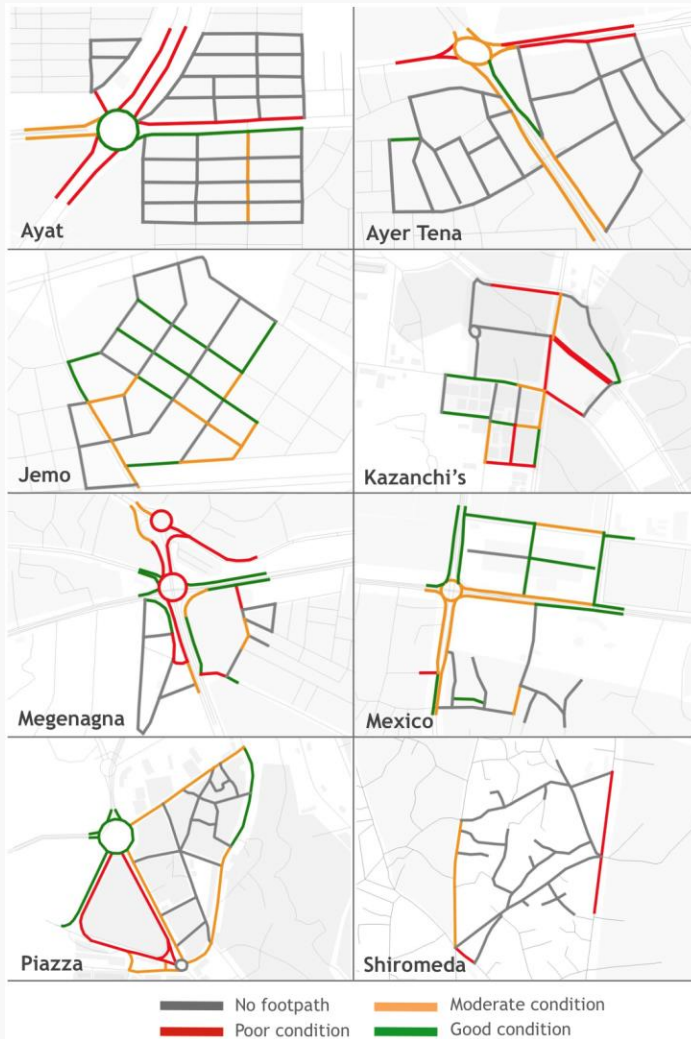


Footpath clear width

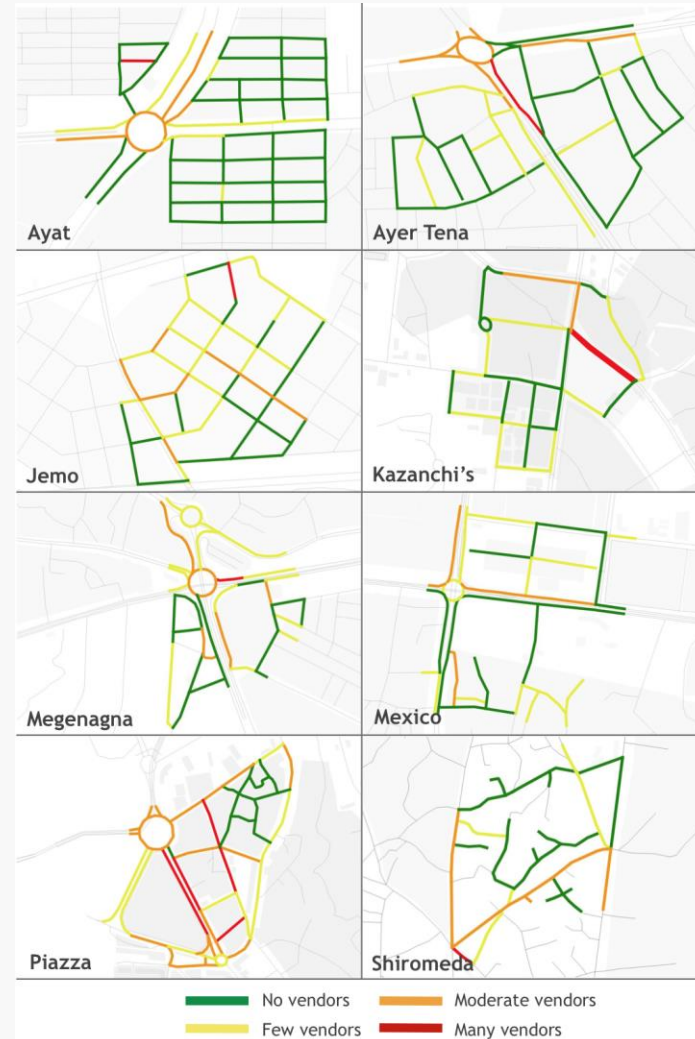


Presence of obstructions

Footpath condition & vending activity

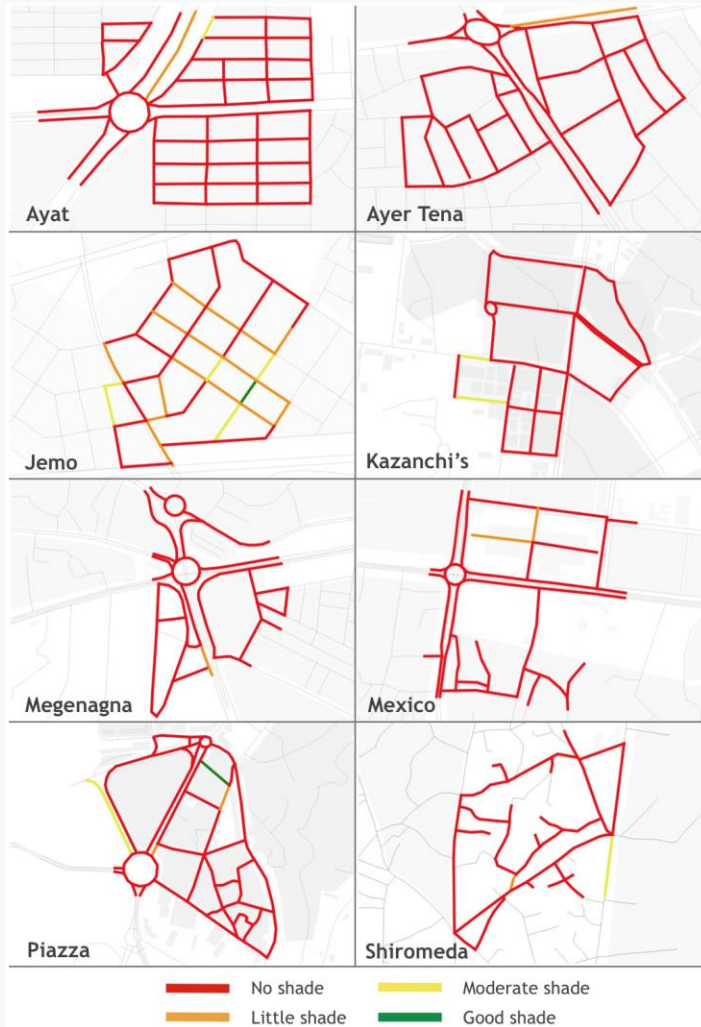


Footpath condition



Street vending

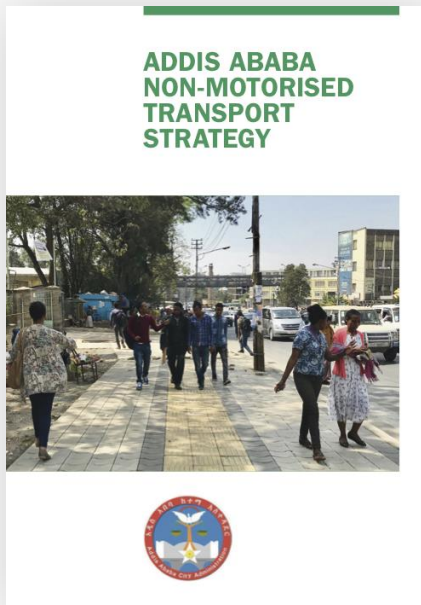
Shade & lighting



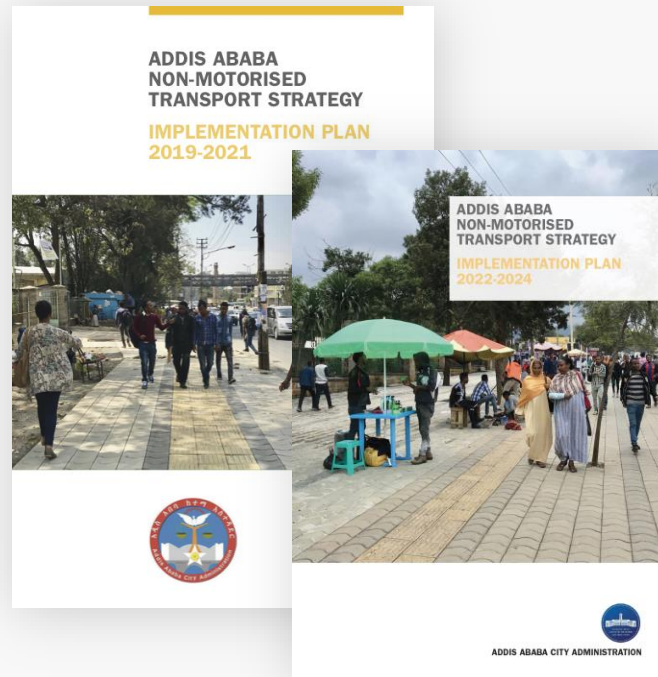
Shade



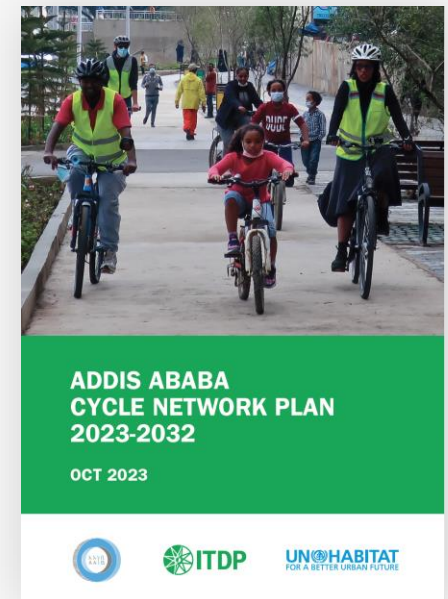
Street lights



Addis Ababa
Non-Motorised
Transport Strategy



NMT Strategy
Implementation Plans,
2019-21 and 2022-24



Addis Ababa Cycle
Network Plan, 2023-
2032



10-year implementation targets

Initiative	10-year goal
Pedestrian network	<ul style="list-style-type: none">• 600 km of streets have a continuous pedestrian realm
Bicycle network	<ul style="list-style-type: none">• 200 km of streets have cycle tracks
Bicycle sharing	<ul style="list-style-type: none">• 10,000 cycles
Public transport access	<ul style="list-style-type: none">• Safe at-grade crossings with signals or traffic calming at all BRT & LRT stations
Parking management	<ul style="list-style-type: none">• 30,000 parking spaces managed through an IT-based parking system
Vendor management	<ul style="list-style-type: none">• Comprehensive vending management system implemented
Street design standards	<ul style="list-style-type: none">• Revised geometric design standards prioritise pedestrians
Review of building control & planning regulations	<ul style="list-style-type: none">• Regulations reformed to encourage pedestrian friendly built form and compact development along rapid transit lines
Outreach & communications	<ul style="list-style-type: none">• Regular open streets events• Active marketing campaigns transform image of NMT• City residents have access to information about on-going projects



Walkway upgrades

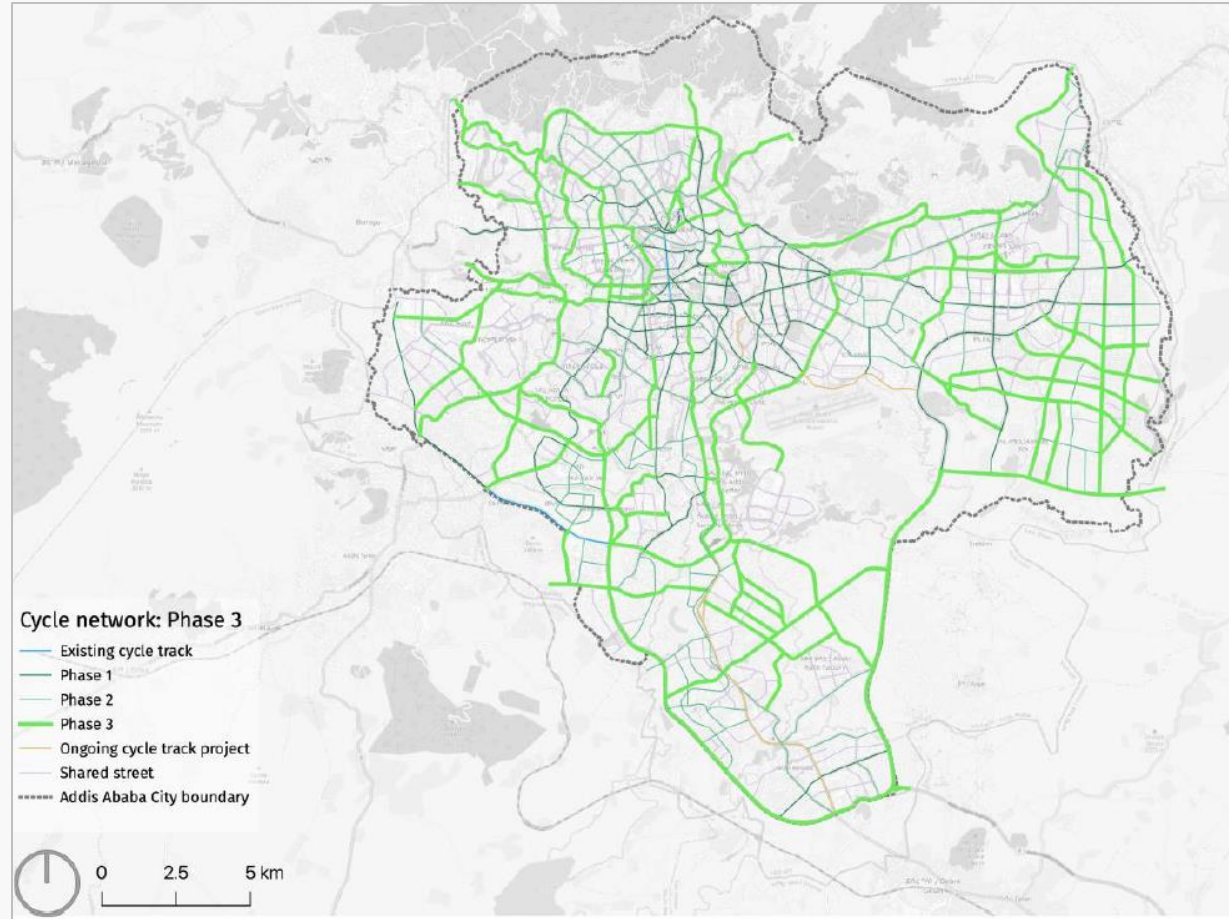




Street lights



- Under design and construction: 80.5 km
- Planned cycle network:
 - Phase 1: 150 km
 - Phase 2: 205 km
 - Phase 3: 364 km





Pilot cycle track on Churchill Ave





80.5 km of walkway and cycle tracks currently under construction

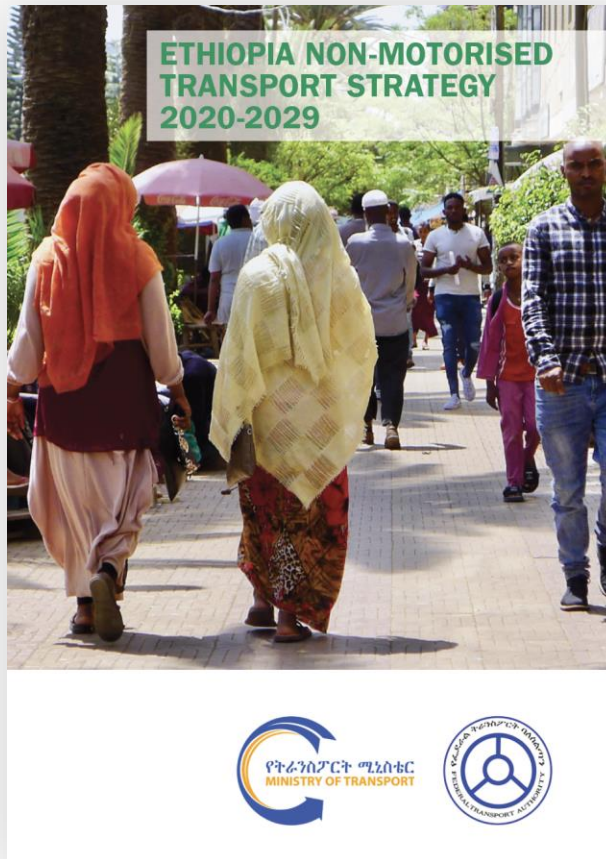




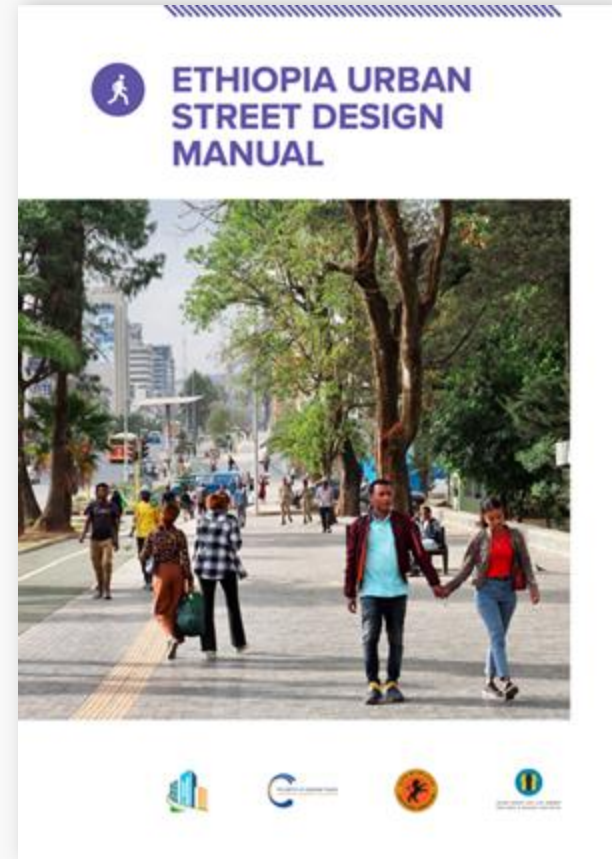
Car-free days



Scale-up through federal policies & standards



Ethiopia NMT Strategy,
2020-29



Ethiopia Urban Street
Design Manual



Dire Dawa





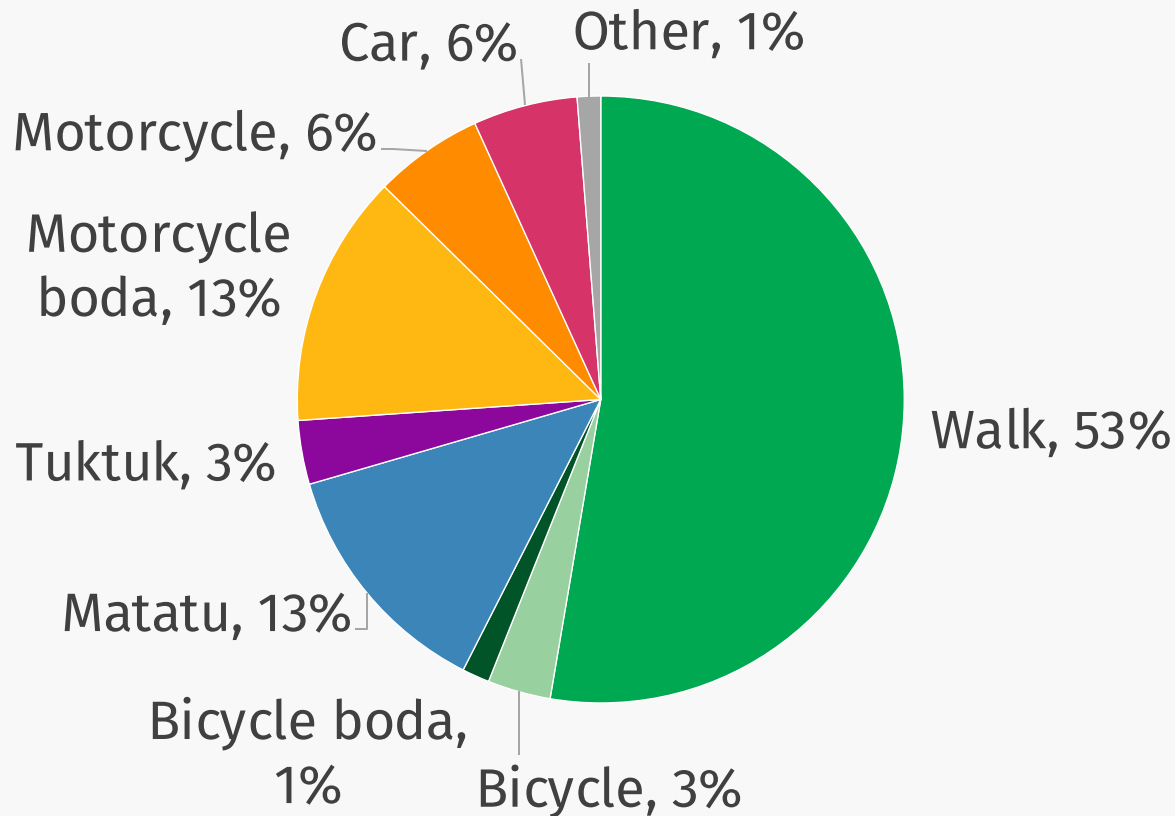
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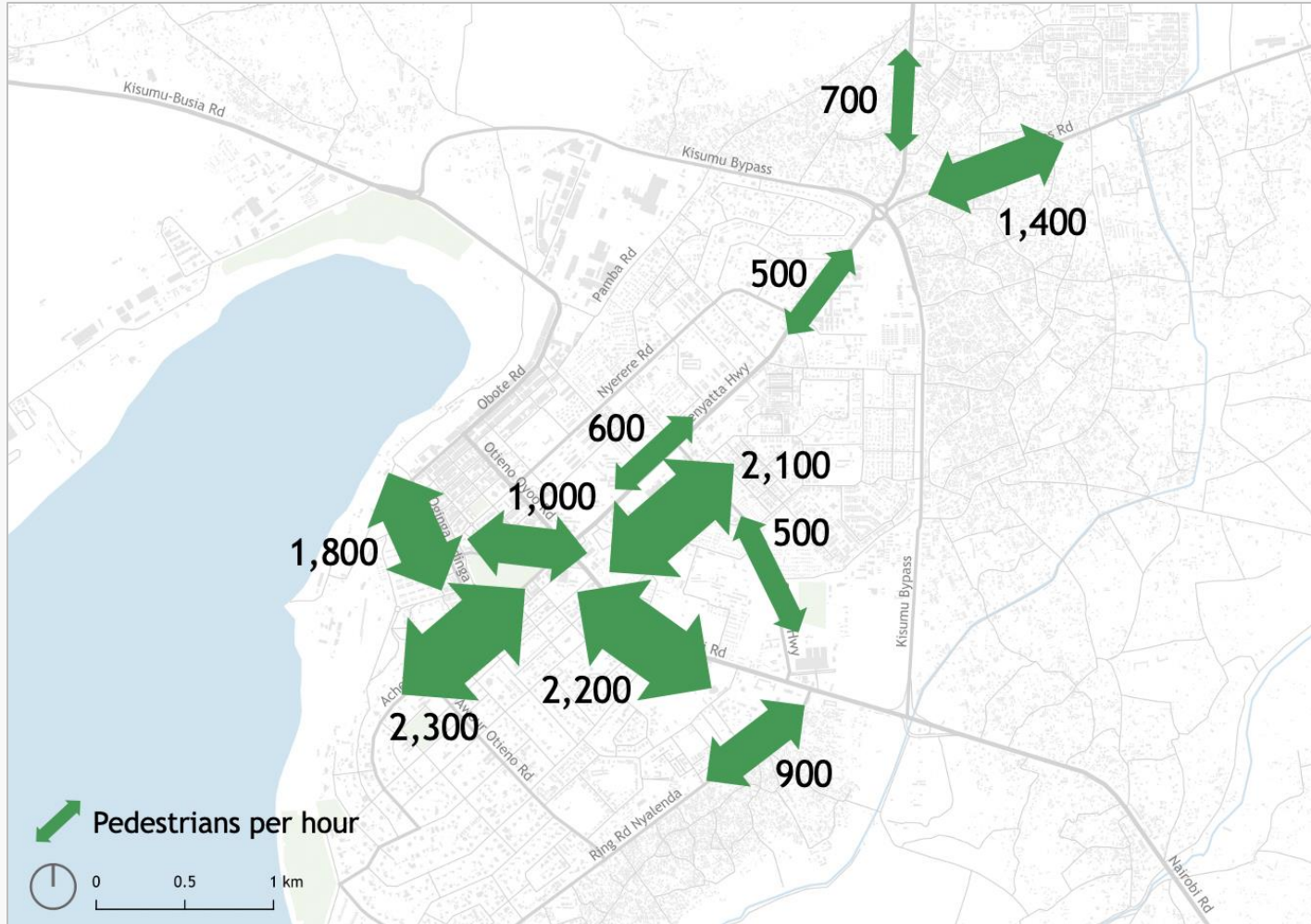


Kisumu Sustainable Mobility Plan

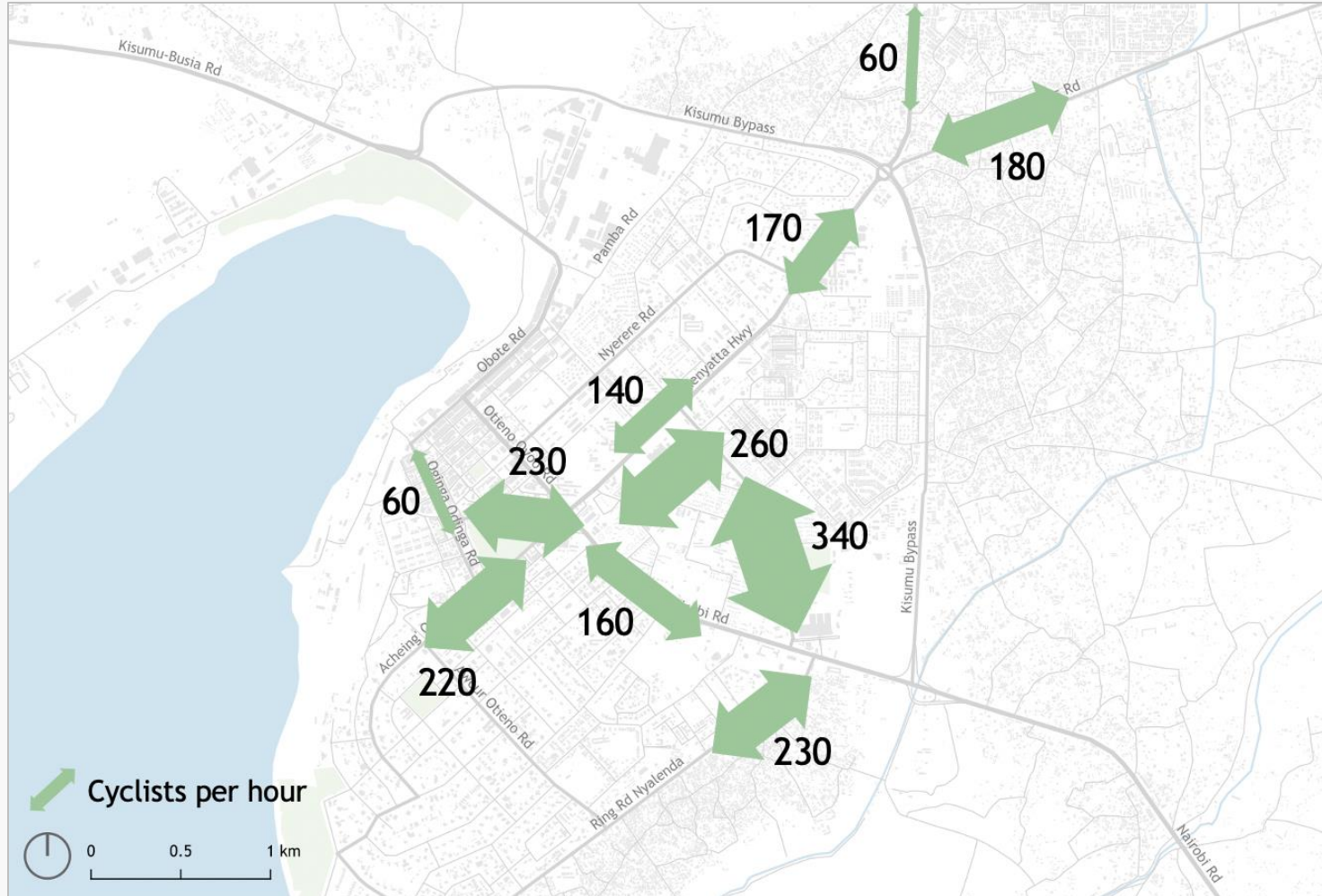
How Kisumu residents travel



Pedestrians per hour



Cyclists per hour



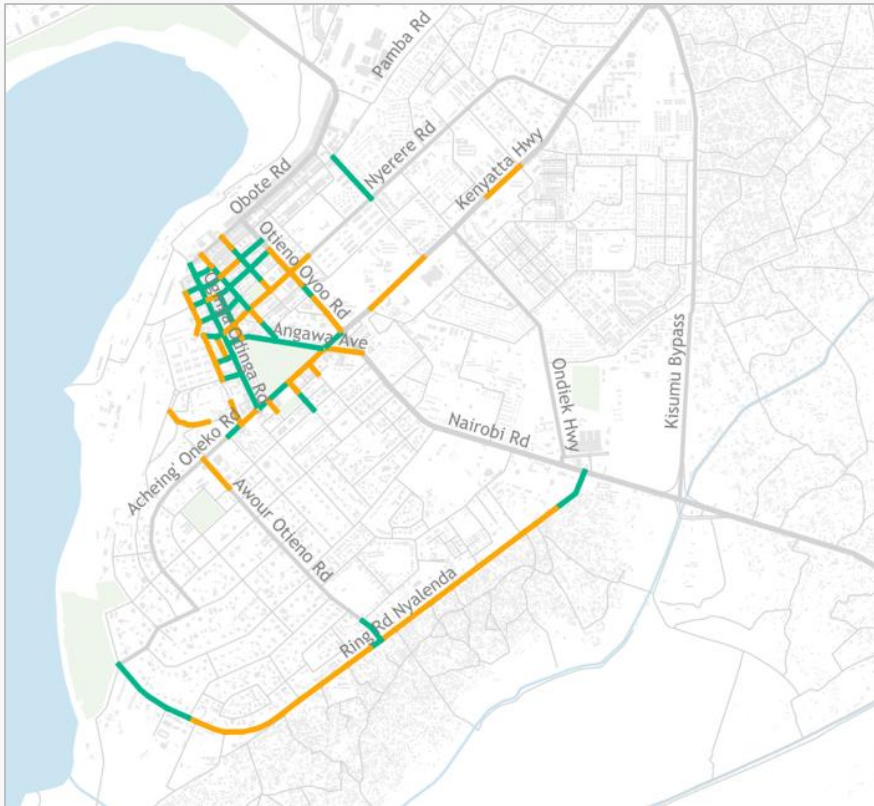




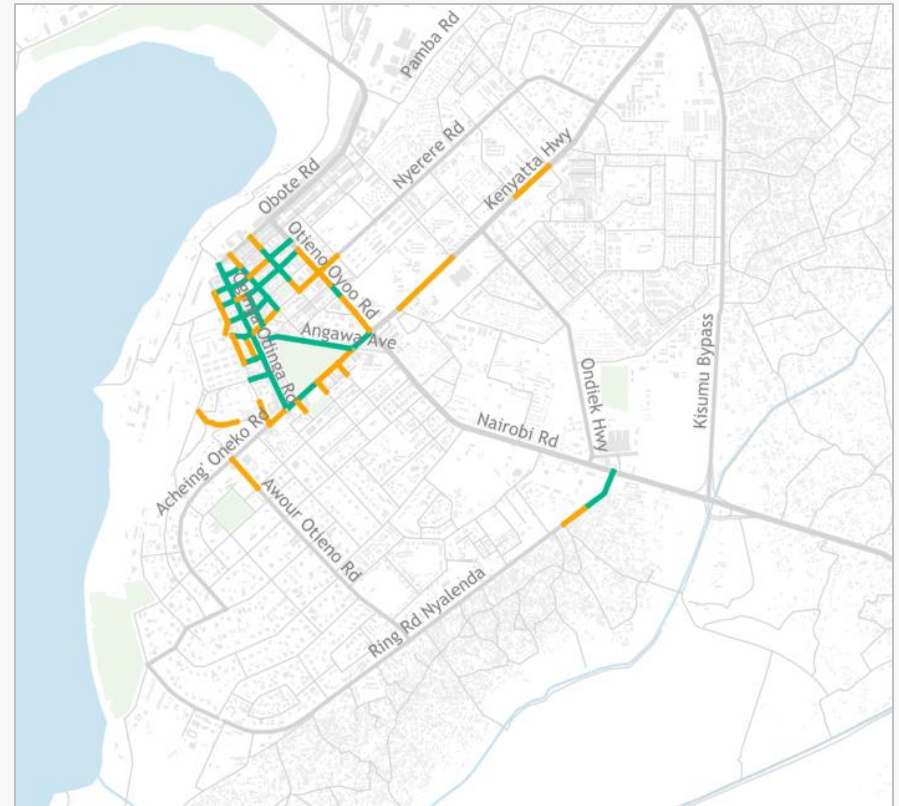
Major streets lack safe crossings



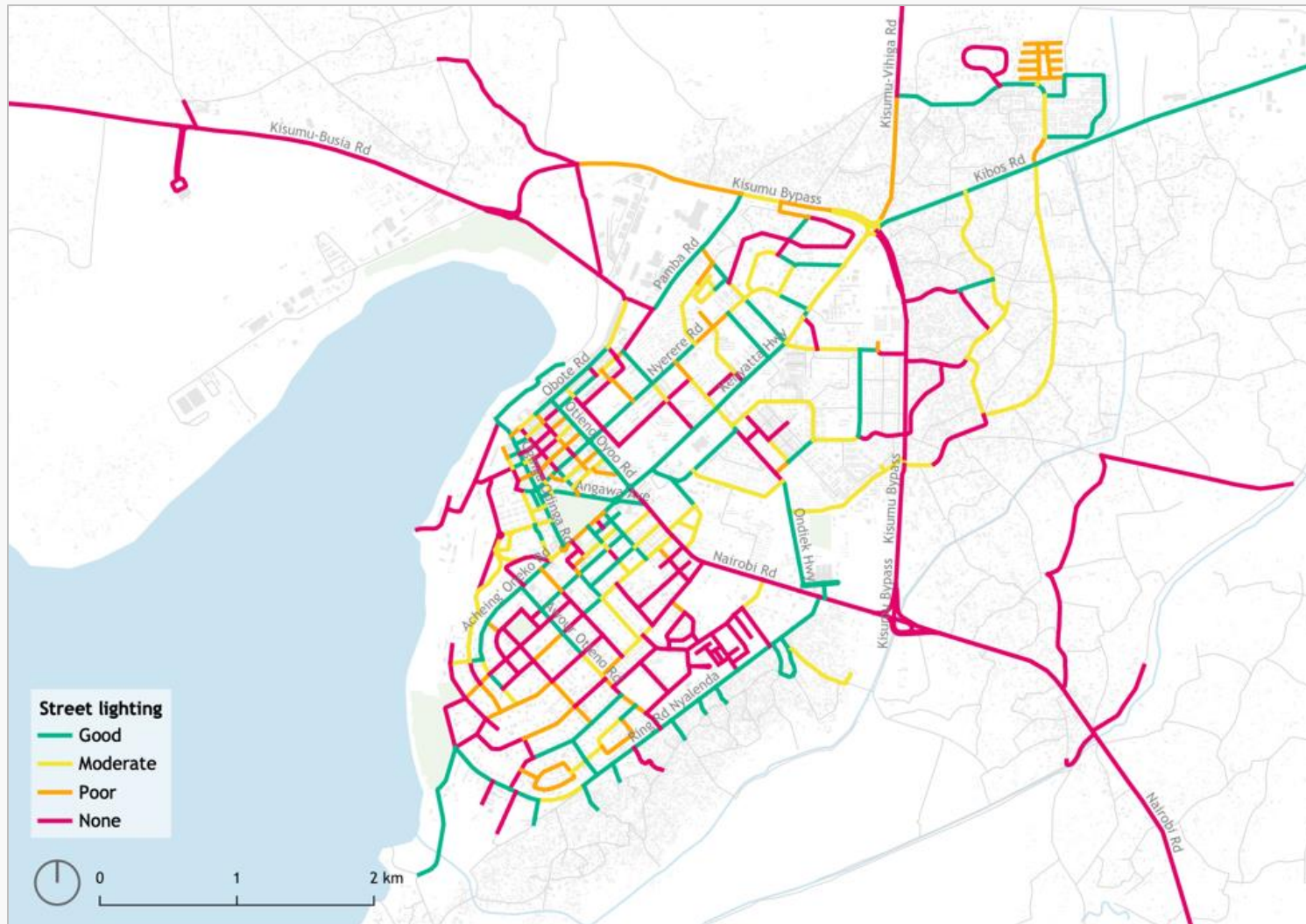
Footpaths



Footpaths ≥ 2 m



Street lighting



10-year targets

Goal	Targets
Increased mode share of walking and cycling	<ul style="list-style-type: none"> • Mode share of NMT remains at or above 55 percent of trips. • Women constitute 50 percent of cyclists.
Increased mode share for public transport	<ul style="list-style-type: none"> • Public transport constitutes 80 percent of all motorised trips • At least 90% of residents live within 500 m of frequent public transport • 100% of public transport vehicles operate under an improved business model
Reduction in the use of personal motor vehicles (PMV)	<ul style="list-style-type: none"> • Vehicle kilometers travelled (VKT) by PMVs are no more than 10% above 2020 levels
Improved road safety	<ul style="list-style-type: none"> • NMT fatalities reduced by 80 percent below 2020 levels.
Improved air quality	<ul style="list-style-type: none"> • WHO ambient air quality norms are met 350 days a year. • Greenhouse gas emissions within targets for Kenya's NCCAP.

NMT improvements

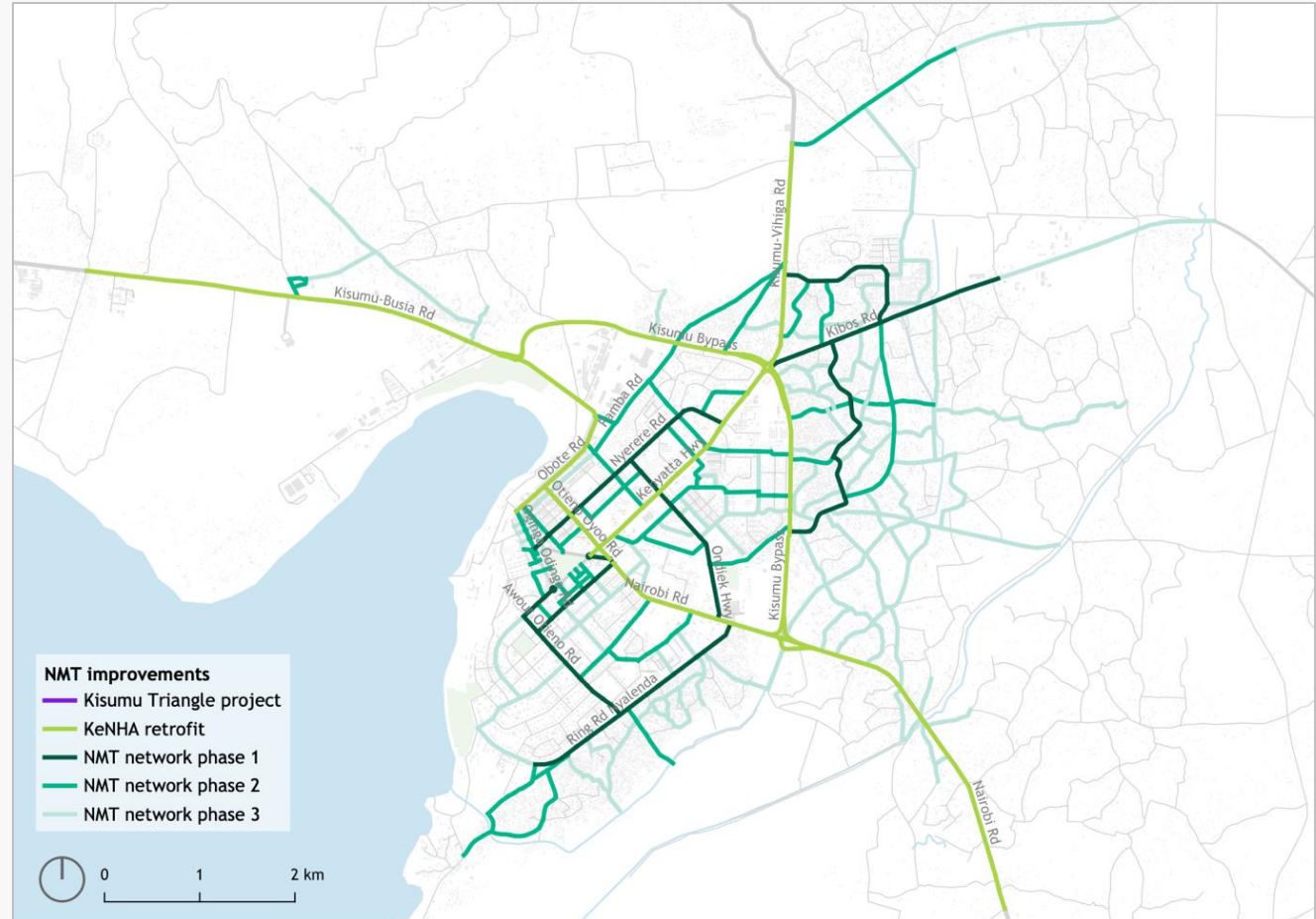
Complete
pedestrian realm:
100 km

Cycle tracks:
31 km

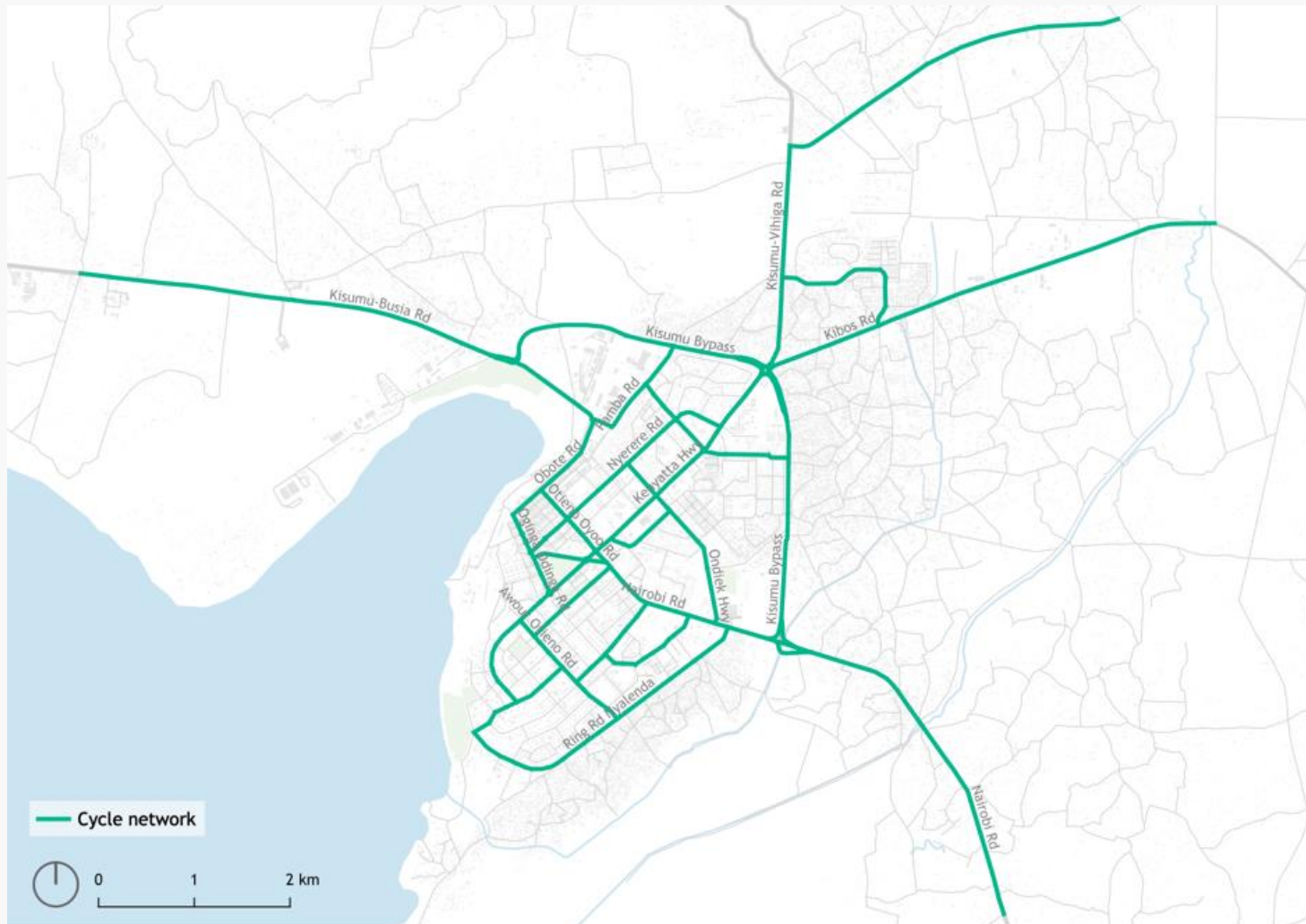
Greenway:
3.7 km

KeNHA retrofits:
28 km

School zone
safety
improvements



Cycle network



Lakefront greenway



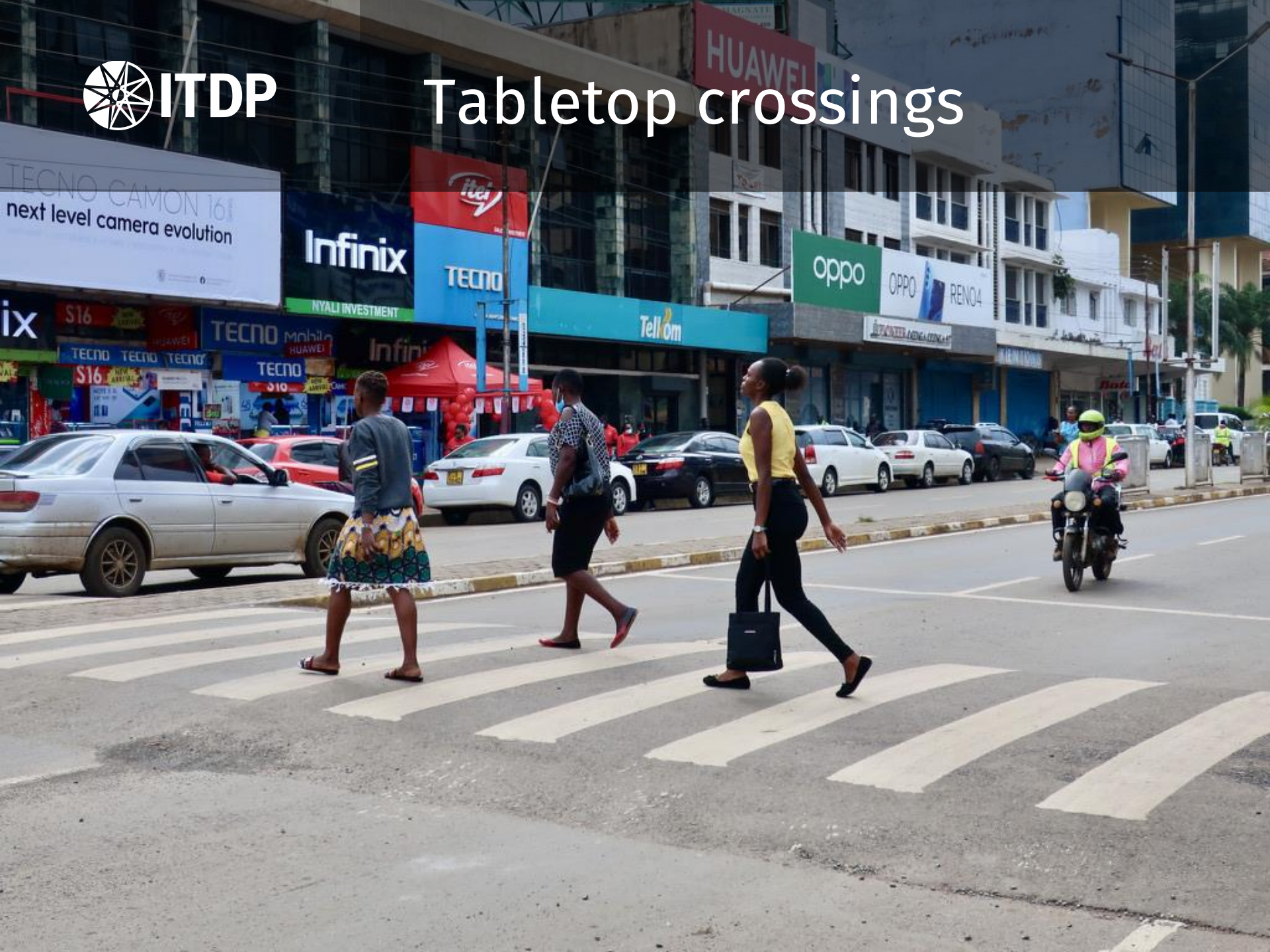


Kisumu Triangle project





Tabletop crossings





Bollards to prevent parking encroachments





Phase two is underway



ADDIS ABABA NON-MOTORISED TRANSPORT STRATEGY



KISUMU SUSTAINABLE MOBILITY PLAN



FEB 2021



Thank you