SUSTAINABLE MOBILITY FOR ALL
Kenya Evidence Forum

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June 14, 2016
Investments are needed for sustainable new and existing transport systems

Global investments in public and private transport: $1.4-$2.1 trillion per year*
- Private investment = 58%
- ODA and Green Funds: 2%
- HIC: 75%

Capital needs to achieve 2 degree scenario pathway:**
- $2 trillion
- $237 billion in BRT and rail investments

(*) Lefevre B., and al. (2014), “The Trillion dollar question: tracking investment needs in transport” WRI

(**) Lefevre B., and al. (2016), “The Trillion dollar question II: tracking investment needs in transport” WRI
IN KENYA

ACTIVE PORTFOLIO ALL SECTORS

<table>
<thead>
<tr>
<th>WBG</th>
<th>Net Commitments/Committed ($m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDA</td>
<td>4,131.1</td>
</tr>
<tr>
<td>IFC</td>
<td>908.1</td>
</tr>
<tr>
<td>MIGA</td>
<td></td>
</tr>
<tr>
<td>World Bank Group</td>
<td>5,039.2</td>
</tr>
</tbody>
</table>

TRANSPORT

<table>
<thead>
<tr>
<th>Commitments</th>
<th>Pipeline FY17/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Urban Transport Improvement</td>
<td>100.00</td>
</tr>
<tr>
<td>Transport Sector Support Project</td>
<td>0.06</td>
</tr>
<tr>
<td>Total</td>
<td>250.00</td>
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<tr>
<td>Total</td>
<td>350.06</td>
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</table>

IDA TOP 3 SECTORS (ACTIVE PORTFOLIO)

- Public Administration, Law and Justice: 28%
- Water, Sanitation and Flood Protection: 22%
- Others: 31%

[CATEGORY NAME] [PERCENTAGE]
What does the future hold for us? By 2030,

- 3 billion more people on Earth, with rising aspirations for mobility
- Dollar value of digital information flows already exceeds value of traded goods
- Freight volume expected to quadruple
CHALLENGES

Collective global efforts on sustainable mobility have so far been insufficient:

- **1 billion people**
  - Over 1 billion people have no access to an all-weather road

- **70% fuel energy**
  - 70 percent of fuel energy is lost in engine and driveline inefficiencies.

- **1 billion ↑ cars**
  - Number of vehicles on the road expected to double to 2 billion by 2050

- **32% ↑ in road deaths**
  - Road death rate per 100,000 population increased 32% in Low Income Countries (from 18.3 in 2010 to 24.1 in 2013)

- **23% GHG emissions**
  - Transport is responsible for 23 percent of energy-related GHG emissions and this share is increasing
To facilitate Sustainable Mobility for All through four goals:

**VISION**

**GOALS**

1. **ACCESS FOR ALL**
   - Secure access for all to economic and social opportunities

2. **EFFICIENCY**
   - Increase the efficiency of transport systems and services

3. **SAFETY**
   - Improve the safety of mobility (SDG target 3.6 on road safety)

4. **CLIMATE & ENVIRONMENT**
   - Embed mitigation, adaptation, and environmental concerns into supply as well as demand side

**OUTCOMES**

Progress on these goals will improve the lives and livelihoods of billions of people across the world—their health, their environment, their quality of life—and help stabilize climate change over the long term.
A **global tracking framework (GTF)** to measure progress towards the four goals, using country-level indicators.

Progress on each goal tracked using one principal, two additional, and other supporting indicators.

This GTF to be **supported by a partnership** to develop, collect, and analyze data and indicators.
CALL FOR ACTION

Many actors have made voluntary financial and operational commitments:

<table>
<thead>
<tr>
<th>COUNTRIES</th>
<th>CITIES</th>
<th>PRIVATE SECTOR</th>
<th>MDBs</th>
<th>LPAA/CIVIL SOCIETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;70%</td>
<td>&gt;80</td>
<td>&gt;260</td>
<td>&gt;$175 billion</td>
<td>15 initiatives</td>
</tr>
<tr>
<td>countries are targeting transport in their NDCs</td>
<td>cities (affiliated with C40) are tackling climate change and climate risk</td>
<td>transportation companies pledged to reduce GHG emissions</td>
<td>committed in loans and grants for sustainable transport from 2013 to 2022</td>
<td>reducing carbon footprint across transport modes</td>
</tr>
</tbody>
</table>

Transforming the world’s mobility requires more. We need:

- A robust global vision to guide us
- Bold and ambitious actions
- A global tracking framework to measure progress
- Strengthen global coalitions to carry the agenda forward
We need scale and focus to radically transform the movement of people and goods in the short, medium, and long-term.

In the short-term: a set of “quick-wins”, such as:

- Expanding congestion/road charging in major global cities
- Modernizing ageing rail fleets and traction systems

In the medium-term: actions, such as:

- Dedicated funding for sustainable mobility in the Green Climate and Climate Investment funds
- Rebalance urban public space in favor of non-motorized transport (bicycling and walking)
- Accelerate the introduction of carbon pricing (including fuel subsidy reform)
- Roll out safety technologies that can drastically reduce traffic accidents and fatalities

In the long-term: actions, such as a Global Roadmap for De-Carbonization of the Transport Sector
We need to strengthen and expand existing coalitions of bold and committed actors drawn from a range of groups:

- **National champions**: Synergies with the SDGs and the Paris agreement (NDCs) can best be optimized at the country level.

- **City champions**: Cities are at the forefront of sustainable mobility and will be leading many of the sustainable mobility initiatives.

- **Private sector champions**: Private sector is likely to remain at the cutting edge of innovations and a key investor for sustainable transport.

- **Civil society**: Organizations promoting coordinated action are central.

- **International actors**: Organizations with international clout will be key sources of leadership and knowledge.

The role of these coalitions will be to share knowledge, advocate, galvanize action, and catalyze financing from the public and private sector for sustainable mobility.
SUSTAINABLE MOBILITY—THE WAY FORWARD

Climate Action Summit (Plenary). Conveners: UN Secretary General and WBG President. Dialogue on sustainable mobility. Plus Pre-Summit Stakeholders’ Workday – Transport Track, May 4

UNSG HLAG Sustainable Transport Meeting, Santiago. Engagement with HLAG on sustainable mobility, May 31

World Bank-IMF Annual Meetings - Dialogue with Ministers of Finance on sustainable mobility, October 7-9

Habitat III Conference - Deep-dive on urban mobility, October 17-20

Work with Partners to Rally Supporting Voices

COP22, Morocco – and UNSG HLAG ST Conference, Ashgabat - Recommendations on sustainable mobility endorsed, November


UN General Assembly, High-level event, September 13-20

World Economic Forum, Davos – High level support for sustainable mobility for all, Jan 17-20, 2017
How can the IE Connect for Impact Contribute?

Better understand the economics of T&I interventions to achieve higher impact

• Generate evidence on key topics at scale (conclusive results) to support the Narrative on sustainable transport

• Make significant investments in knowledge generation in priority business areas (urban mobility, transport corridors, broadband access)

• Establish the evidence basis for linking interventions with poverty reduction, growth and sustainable development

• Pooling intellectual and financial resources to achieve scale (e.g., involve other MDBs to maximize cross-institutional learning spill-overs).
MDB’s RESPONSE

Rio+20 MDBs Pledge on Sustainable Transport

$175 billion 2012-22
On track ($65 billion)

Paris Commitment on Climate Finance by MDBs, 2020*
AfdB: $5 billion
ADB: $6 billion
EIB: 35 %
(from 25%) 
EBRD: 40 %
(from 20%)
IDB: 25-30 %
(from 14%)
WBG: 28 %
(from 21%)

Paris Joint MDBs commitment on Transport and Change
**World Bank Response**

**Transport Sector (FY11-15, USD Billions)**

- **2011**: 6.1 USD billions (26.4% of total transport commitment) - 0.8 with mitigation benefits, 1.8 with adaptation benefits
- **2012**: 4.3 USD billions - 1.3 with mitigation benefits, 1.3 with adaptation benefits
- **2013**: 4.6 USD billions - 0.9 with mitigation benefits, 2.0 with adaptation benefits
- **2014**: 3.9 USD billions - 0.4 with mitigation benefits, 1.1 with adaptation benefits
- **2015**: 1.3 USD billions - 0% with mitigation benefits, 0% with adaptation benefits

**2011-15 (actual)**
- US$7.8 billion
- (26.4% of total transport commitment)
- o/w adaptation = US$ 715 million

**2015 (actual)**
- US$1.3 billion
- o/w adaptation = $200 million

**Projected 2016-2020**
- US$ 10.5 billion
- (35% of total transport commitment)
- US$ 2.1 billion

**WBG’s total commitment for climate finance**
- $10.3 billion (2015) ➔ $29 billion (2020)

**WB Transport for climate finance**

Note: grey: transport commitments; red: with mitigation benefits; blue: with adaptation benefits.