



**Islamic Republic of  
Afghanistan  
Ministry of Urban Development  
(MoUD)**



**Urban Transportation and  
Environmental Challenges in  
the City of Kabul, Afghanistan**

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Sustainable Transport (EST) Forum  
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# About my self

- 57 Years old
- Civil Engineer RWTH – Aachen
- Ph.D. ISB-RWTH – Aachen  
TH Delft – NL
- 2 Children
- Visiting Professor at the RWTH  
– Aachen - Germany
- Acting – and Deputy Minister  
Ministry of Urban Development  
Kabul Afghanistan
- CIM Integrated Expert





# Urban Traffic in Kabul - Problems



- Rapid increase of motorized vehicles 2002 - 2007

30 mv/1000 Inh. → 120 mv/1000 Inh.

- Increase of distance between residential, industrial, commercial and administrative areas
- Rapid increase of air pollution





# Urban Traffic in Kabul - Problems



- Lack of sufficient public transport
- Bad road conditions
- Lack of sufficient parking areas
- Lack of sufficient urban traffic regularizations





# FILM



IRA



MoD



# Strategic or long term recommendations



1. Formulation of strategic plan for Kabul Traffic System
2. Proposing a TSM Plan
3. Restructuring of the current setup
4. Public awareness programs
5. Improving of transportation infrastructure
6. Finalizing KMP
7. Establishing transportation development unit



## Midterm solutions



1. Rehabilitation of existing major roads
2. Paving of secondary roads
3. Establish a proper management for urban traffic
  - Registration of all transportation vehicles
  - Introduce the small check system
  - Training of traffic staff
4. Establish public participation mechanism





## Short term or immediate actions



1. Traffic signs and signals should be placed
2. Public awareness for traffic rules and regulations
3. Community participation and customer service
4. Sustainable M&E for transportation system
5. Design additional lane for buses
6. Need assessment for urban transport
7. Creation of sufficient parking space
8. Unenforcing NMT



# Thanks

## For your attention & Patience

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