

Islamic Republic of Afghanistan

EST

(Environmentally Sustainable Transport)

Policies

**& Implementation in
Afghanistan**

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Challenges on Urban Transportation system

Management:

- **Old and over dated Traffic laws**
- **Weak governance for implementation of law and order**
- **Overlap of responsibilities**
- **War situation (unplanned traffic barriers and security blockades)**
- **Low technical, human resource and economical capacity**
- **Unbalanced development of small and large towns**
- **Technical transportation problems**

Challenges on Urban Transportation system

- **Infrastructure**
 - No traffic lights in the cities
 - Narrow urban roads
 - Misuse of roads and pedestrians
 - inadequate parking
 - Slow vehicle's movement
 - Lack of mass transport systems; trams, metros, etc.



Challenges on Urban Transportation system

Planning:

- **Lack of traffic Planning and transportation systems**
- **Lack of updated urban plans**
- **Rapid growth of large cities (sudden return of migrants to large urban areas)**



Air Pollution

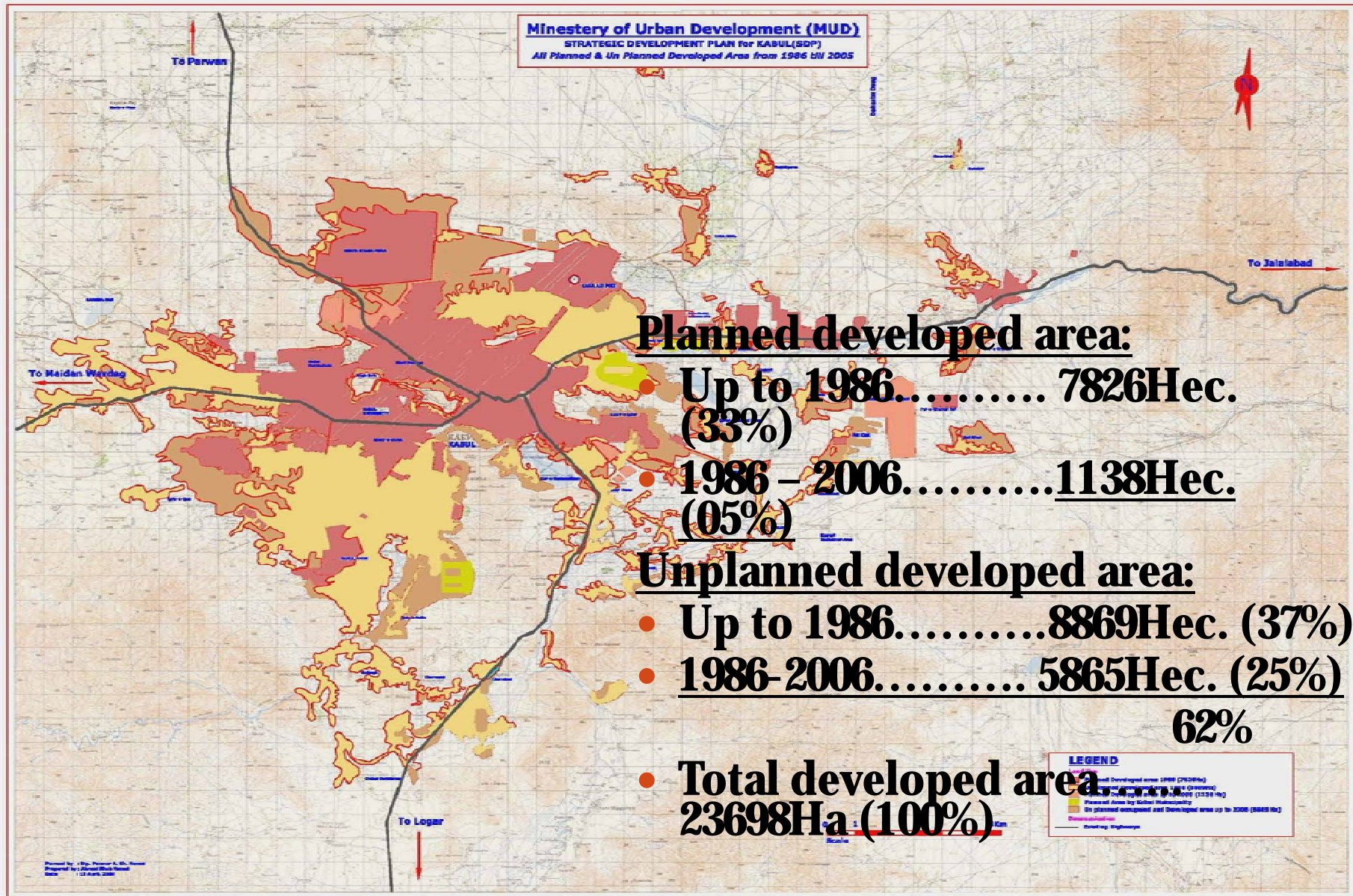
- **Worst quality of fuel particularly diesel,**
- **50% Unpaved dusty roads**
- **Dens traffic**

Causes:

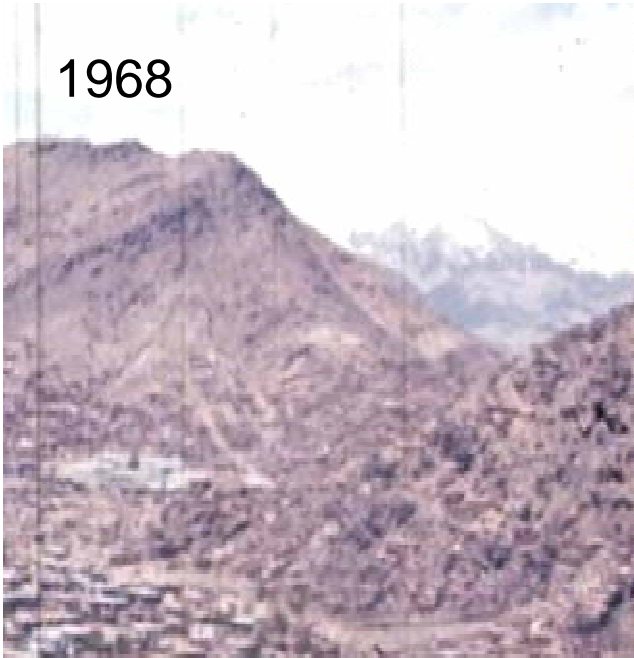
- **Over 60% residents of Kabul and large cities are suffering of polluted air**
- **150mic.g. small particles / cu. M.**
- **120mic.g Nitrogen di oxide / cu. M.**
- **20mic.g Sulfur di oxide/ cu. M.**



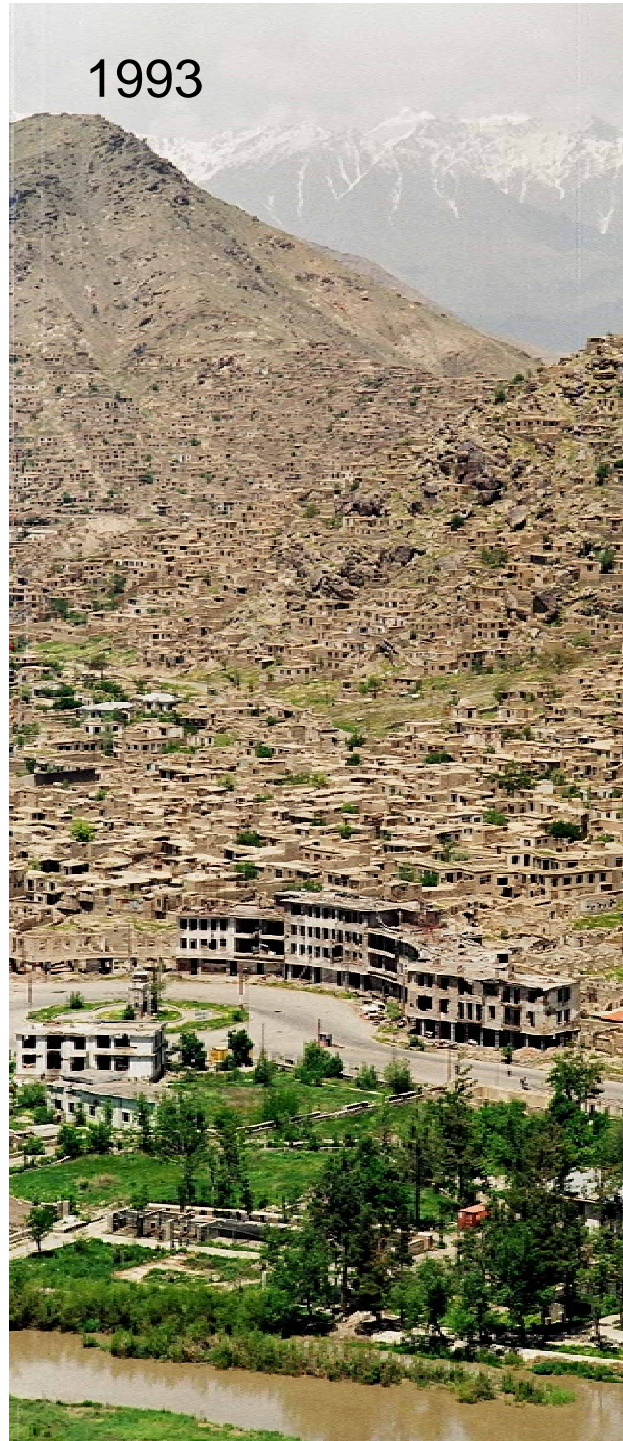
Unplanned development of Kabul



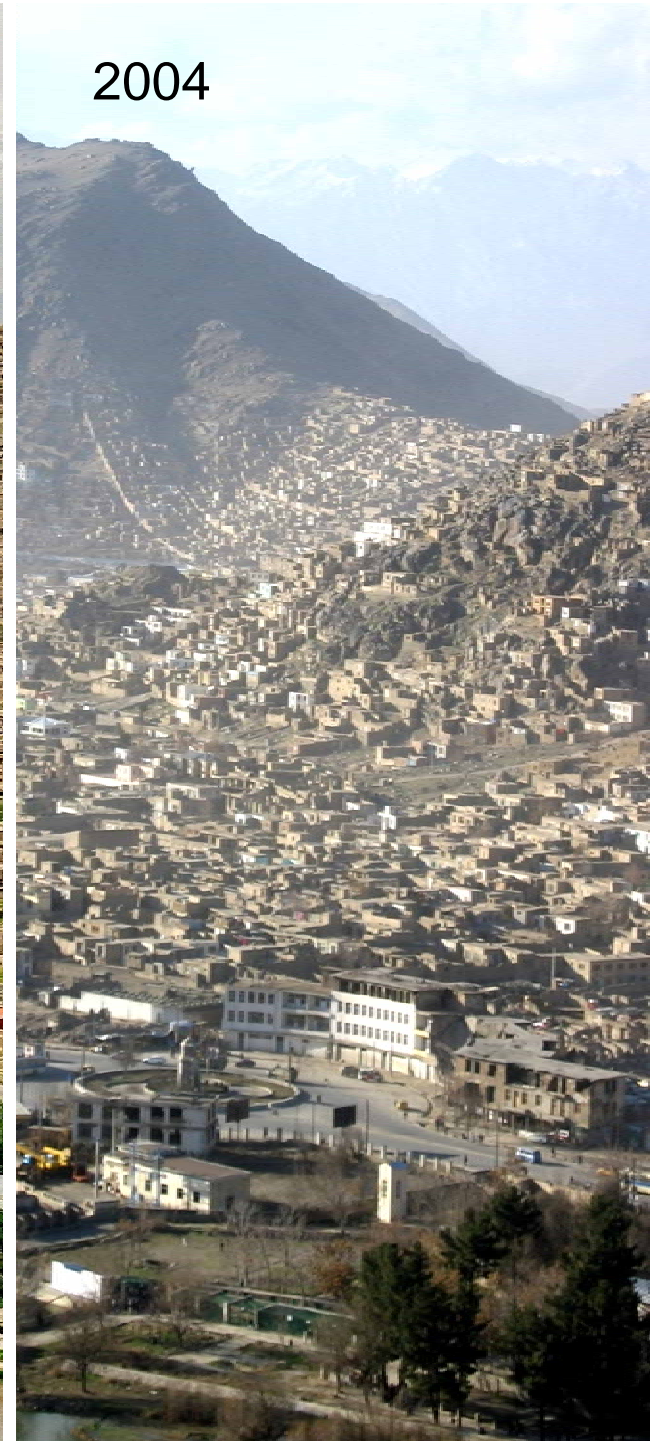
1968



1993



2004



- Informal settlements are not just a “problem”, but an issue that requires affordable and practical solutions
- They are a major asset, on whose foundations urban development can proceed
- Significant additional resources can be generated and used for upgrading services & infrastructure

Policies



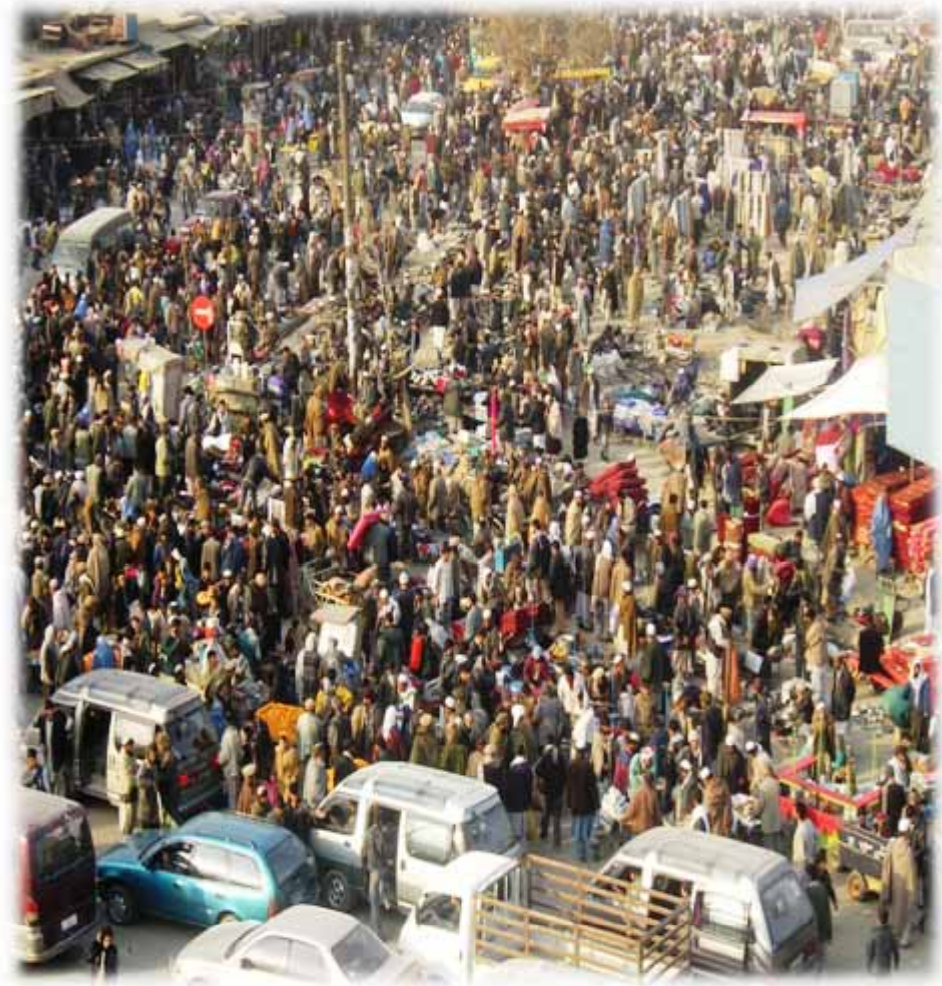
ANDS (Afghan National Development Strategy) MDG (Millennium Development Goals)

To ensure that road improvements and connectivity of remote villages to national transport system.

- **Urban Sector Strategy (USS)**
- **Urban and Regional Planning (URP)**
- **Municipality laws**
- **Transportation Policy**

Policies approved by Afghan Government:

- **Air Pollution Control and Mitigation Regulation**
- **Environmental Impact Assessment Regulation**
- **Establishment of EIA Board of Experts**
- **One working day in a week has been off to avoid commuting of transportation**

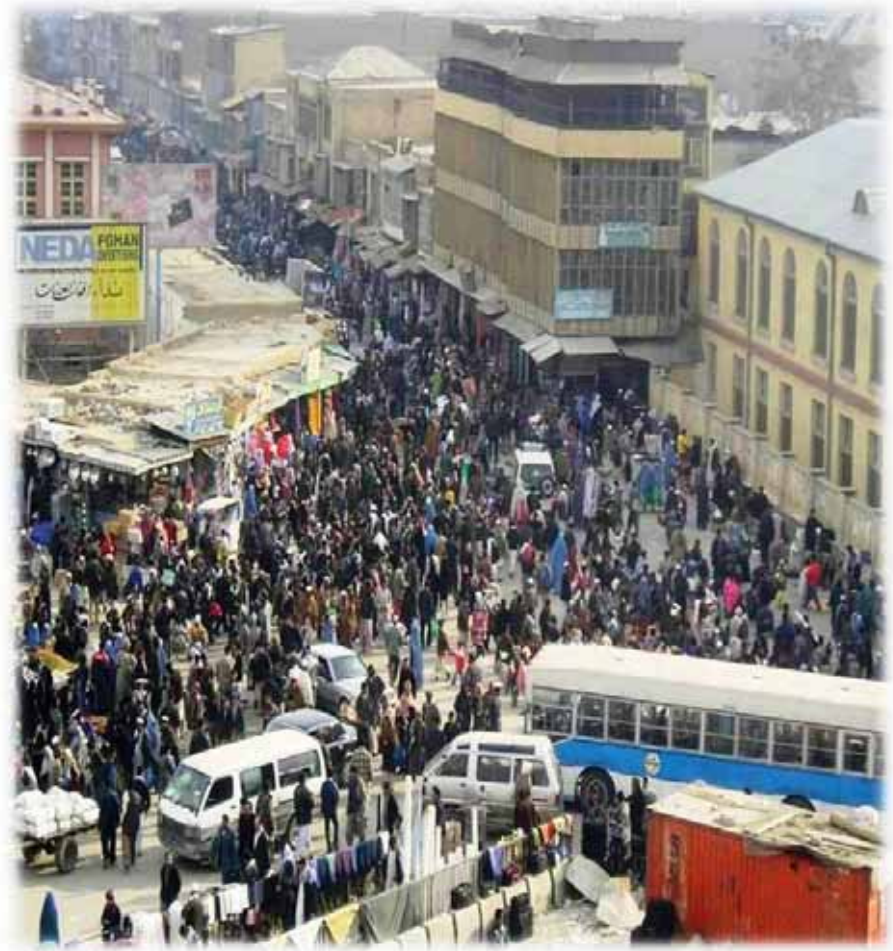


Urban Sector Strategy (USS)

Urban infrastructure and services

This strategy promotes the following transportation infrastructure:

- **Upgrading of roads in planned and unplanned areas;**
- **Rehabilitation and extension of water supply and sanitation services;**
- **Rehabilitation and extension of new roads and drains;**
- **Improvement of transportation management.**



Plans and implementation

- **New transportation plan for Kabul and major cities**
- **Comprehensive Traffic plan for Kabul**
- **Review and updating of Kabul Master plan**
- **Developing of New Kabul to share the load from existing Kabul**
- **Decentralization of major activities from center of Kabul**



- **Creating of new ring roads, bypasses and major artery roads**
- **Upgrading of: roads and pedestrians, water and Sanitation systems**
- **Creating new open spaces**
- **Road lightening**



Before Upgrading



After Upgrading



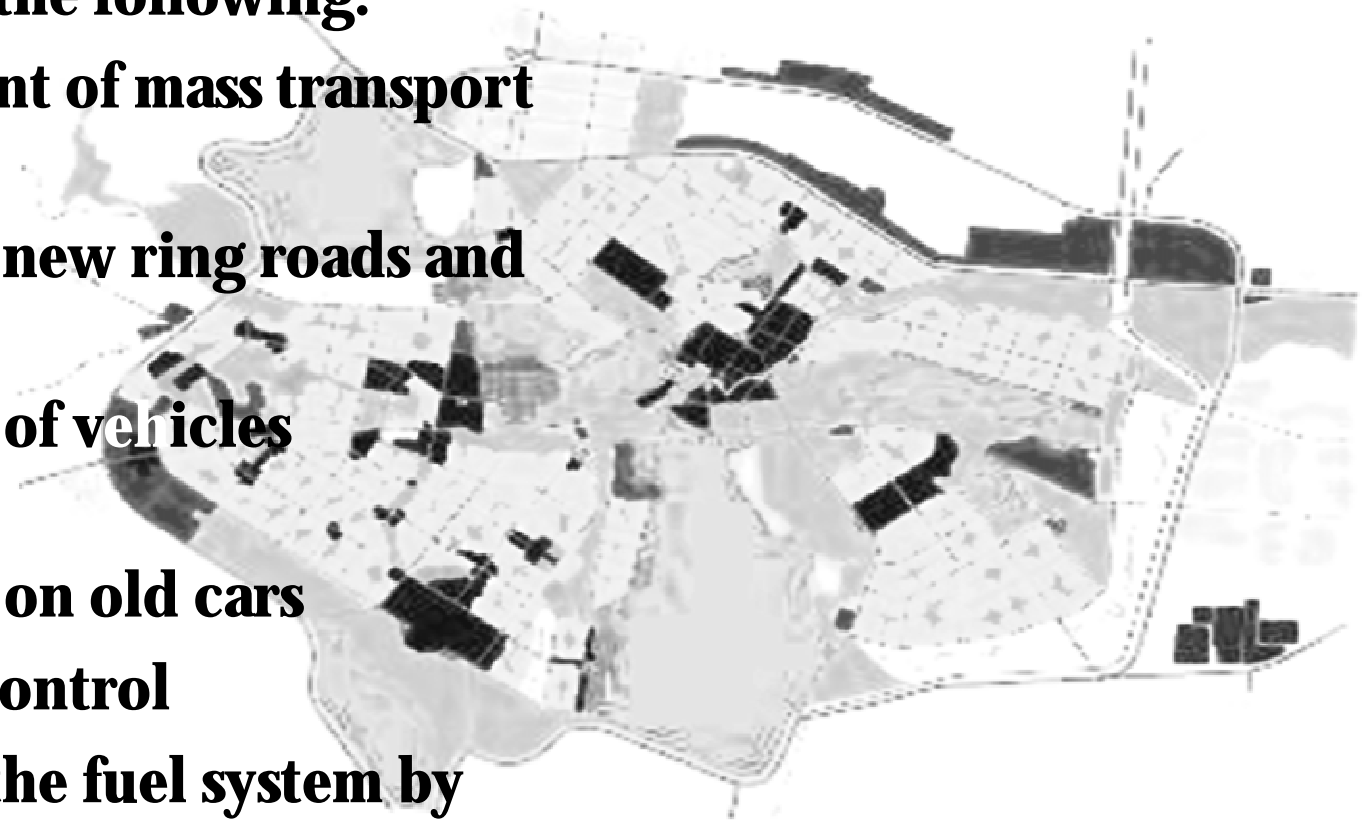
BEFORE



AFTER

Recommendations

- **To approach the green economy we suggest the following:**
- **Development of mass transport system**
- **Creating of new ring roads and bypasses**
- **Scheduling of vehicles movements**
- **Restriction on old cars**
- **Strict fuel control**
- **To replace the fuel system by power or CNG**





Thank You