



**6th REGIONAL ENVIRONMENTALLY
SUSTAINABLE TRANSPORT
(EST) FORUM**

**4-6 December, 2011
New Delhi, India**



Policy Goals/Objectives

- The National Environment policy aims to protect, conserve and restore environment in order to improve the quality of life of the citizens through sustainable development
- Promotion of efficient, cheap & clean mass transit as the key to an environmentally sustainable transport system

Transport Scenario Challenges and Responses

Continued..

Challenges

- A growing number of personal modes of transport: (Cars, motorcycles, etc.)
- Private Transport largely based on Mini Buses/Wagons.
- Serious Congestion
- Encroachments
- Infrastructure needs to be augmented (Quality & Quantity)
- Lack of Effective Enforcement

Responses

- Institutional Arrangement
- Vehicle Registration, Motor Vehicle Examination (MVE's), Driver Training
- CNG Buses (Mass Transit)
- Roadway Facilities
- Safety

Transport Scenario

Challenges and Responses

Continued..

- Private sector vehicular inspection and certification regime being launched.
- Government confined only to regulatory role:
 - Provincial Transport departments and Municipal Governments now only partly involved in registration, licensing.
 - RTAs role confined to implementation of infrastructure enhancement.
- Set emission standards
- Improve fuel quality and vehicles compatibility
EURO III

Transport Scenario

Challenges and Responses

Continued..

- Amendments in Provincial laws for making credible institutions in PPPs mode for vehicular fitness and inspections to be tied to annual registration
- All road plying vehicles to be brought under ambit of MVE through legislation
- Phased installation of emission control/tune up equipment on PPP basis at retail outlets of oil companies
- Credit/Leasing finances available for the purpose

Transition Preferences

- Minimize transportation. (Very Large Potential)
- Improve vehicle fuel economy up to 12% i.e. 1.14 million TOE (Large Potential)
- Shift from fossil fuels. (Small Potential)
- Minimize commuting to work and school. (Major Saving)
- Minimize freight transportation. (Moderate Saving)

Strategies

- Comprehensive Concession Agreement has been developed for risk allocation, disbursement and dispute settlement between private sector (manufacturers/operators) & Government/banks
- Exclusivity of routes for the Operators of CNG Buses
- Issues against harassment of the Operators at the hands of Police and Transport Authorities
- Flexible fare structure for the Operators
- Lease of depots for the Operators

■ Roadway Facilities

- Proper attention to
 - Road Geometry
 - Adequate roadway facilities
 - 'Walking' - a composite mode of transport
 - Continuous/ walking paths
- Traffic Engineering Units
 - Established with trained manpower

■ Safety

- Removal of Carriers on roof-top of Buses / Wagons
- Adequate pedestrian crossing facilities
- Preventive and curative measures to minimize road accidents



THANK YOU