

# **Road Safety Infrastructure: Meeting the Challenge**

**D. P. Gupta**

**Director (Roads)**

**Asian Institute of Transport Development, New Delhi, India**

**Former Director General (Road Development),**

**Ministry of Road Transport & Highways, Government of India**

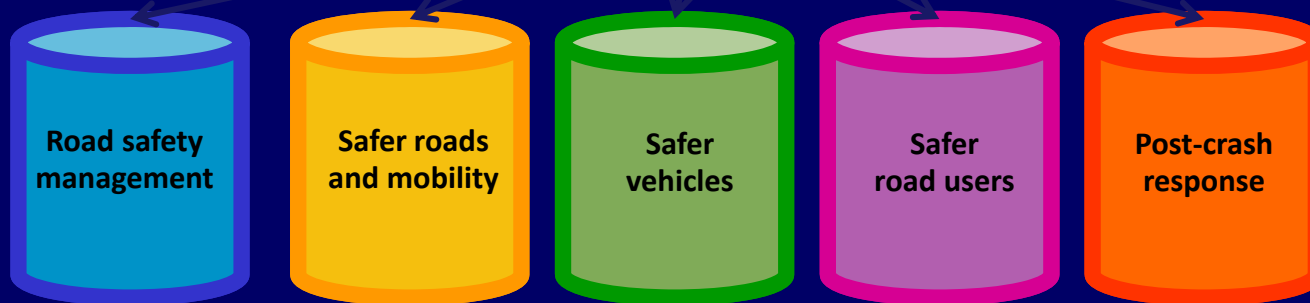
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# Global Plan

UN Decade of Action for  
Road Safety  
2011-2020



## *Five Pillars*



# **Major Constraints faced by Developing Countries**

- **Inadequate inter-agency coordination. Several departments: Road agencies, Transport, Police, Health, Education**
- **Inadequate capacity and professional knowledge**
- **Inadequate resources**
- **Inadequate design of roads from safety consideration**
- **Inadequate attention to social concerns**
- **Inadequate crash database and its analysis**

# Overall Approach

- Make road safety a humanitarian priority
- Build on the strong political support
- Pragmatic solutions by each country considering their own situation
- Invest heavily in capacity building and strengthening of institutions
- Promote stakeholders awareness and engagement
- The AITD undertook a World Bank sponsored study on socio-economic impact of Agra – Dhanbad highway in India (part of priority Asian Highway - 1). Study revealed inadequate concern for needs of local communities, resulting in providing additional under passes and cattle crossings for local communities
- Study led to mandating that road design be safe and at the same time socially responsible, duly mitigating environment harm. Such an approach is essential to reap fruits of socio-economic growth

# Safe and Socially Responsible Roads

- Mobility with safety; and safety not to adversely affect communities
- All roads to meet prescribed national standards
- Retrofitting road safety engineering measures on existing roads
- While planning greenfield major traffic corridor, reduce burden of Land Acquisition (large swathes of lands would get consumed otherwise)
- Built-in social and environment concerns in road design. Conscious provision for under/over passes and cattle crossings for local communities
- Tree plantation along highways (Reduce carbon footprint and revive 500 year old practice)
- National standards may require review to be in line with international practices and addressing social concerns.

# Some Glimpses



# Road Safety Management

- **Designate a lead agency on Road Safety**
- **High Level Working Groups on each of the four E's**
  - (Engineering, Enforcement, Education & Emergency Care)
- **Dedicated Funding**
- **Safety Engineering Wings in Road Agencies**
- **Strengthening of Crash-database management system**
- **Training of engineers, police and transport officials**
- **Awareness programs for policy makers**
- **Centre of Excellence on road safety**

# Safer Vehicles

safety features in vehicles

pection and certification centres to  
check fitness

Vehicle Inspection Centres

of GPS in commercial vehicles

Visibility of vehicles at night

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_3838](https://www.yunbaogao.cn/report/index/report?reportId=5_3838)

