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# **Road Safety and Traffic Management Institutional Set Up**

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# Road Safety: Critical Elements

- Road safety an inter/multi-disciplinary activity
- Coordination, integration – Challenge
- We talk of four E's
  - Engineering
  - Enforcement
  - Education (+ awareness)
  - Emergency
- Four alphabets before E
- A, B, C, D (Attitude, Behaviour, Culture, Discipline) – equally critical to enhance safety

There is one  
more 'E'  
Environment

# India – Situation Assessment

- Lack of commitment and policy
- Diffused institutional responsibility; institutional indifference so to say
- Inadequate funding
- Weak enforcement of existing rules
- Low levels of driving discipline
- Poor post-crash emergency care
- Road safety not a priority on the agenda of key ministries and public sector agencies
- Lack of credible data on road accidents and causal analysis
- Lack of expertise

# **Safety on Radar of Government**

- **Motor Vehicles Act, 1988 (earlier 1939) being revisited from legal and traffic regulation aspects**
- **National/State Road Safety Councils exist**
- **Intention to set up Road Safety and Traffic Management Board**
- **Committee by MORTH on Road Safety and Traffic Management pending creation of Board**
- **Road Safety Cells in MORTH and NHAI**
- **Similar cells may come up in states**
- **Road Safety Audits: mandatory on PPP projects**

# **Committee on Road Safety and Traffic Management**

- **An expert committee under the Chair of Mr. S. Sundar by the Government of India**
- **Members drawn from academia, state governments, central government, medical profession, road engineers , automobile industry , NGOs etc.**

# Mandate to Committee

- **Assess magnitude**
- **Study international examples of organisation**
- **Propose set up for India**
- **Suggest amendment of Traffic Laws**
- **Suggest financing mechanisms**
- **Suggest rescue/relief, trauma care measures**

# Lessons from Other Countries

- **Political commitment at the highest level**
- **Road Safety Policy at national level**
- **Dedicated funds**
- **Legal framework**
- **Inter-departmental coordination - a key element**
- **A separate government agency having power and budget to plan and implement road safety programs (e.g. NHTSA, SNRA) - successful examples**
- **Domain expertise reside in the Agency**



# **Committee's Recommendations - Policy**

- **Political commitment at the national and state level to reduce accidents and fatalities.**
- **Adoption of a National Road Safety Policy.**
- **Look at both safety and mobility.**
- **Traffic management integral to road safety.**

# **Committee's Recommendations - Legal**

**A comprehensive “National Road Safety and Traffic Management Act” to :**

- address road safety issues in respect of the National Highways and Mechanically Propelled Vehicles and set guidelines on road safety on other roads**
- encompass the provisions related to road safety contained in other relevant Acts**
- establish a National Road Safety and Traffic Management Board and enable setting up of Road Safety Boards in the States**

# **Committee's Recommendations – Institutional**

- **A National Road Safety and Traffic Management Board:**
  - **Autonomy**
  - **Funds**
  - **Expertise**
- **State Road Safety and Traffic Management Boards in all the states**

# Functions of the Board

- **Crash investigations, data and analysis**
- **Road engineering**
- **Vehicle design**
- **Knowledge creation**
- **User behavior**
- **Traffic management and enforcement**
- **Post accident medical care**
- **Capacity building and skill enhancement**

# **Crash Investigations, Data Collection and Analysis**

- **Establish procedures for data collection, transmission, analyses at various levels**
- **Maintain a comprehensive database**
- **Establish procedures and centres for Multi-disciplinary crash investigations**

# Road Engineering and Construction

- Review road safety standards set by IRC
- Promote road safety audits at all stages
- Recommend traffic calming measures

# Vehicle Safety Design

- Review vehicle safety standards
- Promote vehicle safety audits

# **Knowledge Production, Research and Institutional Linkages**

- **Identify areas and subjects for research**
- **Commission research projects**
- **Create linkages between institutions at local, regional and national level, also at international level**



# **Road User Behavior Strategies, Public Awareness and Education**

- **Promote education and awareness campaigns amongst all user groups**
- **Recognize NGOs working in the area**

# Traffic Management and Enforcement

- Encourage state governments to:
  - implement traffic laws (helmet use, seat-belt use, drunken driving, speed limits, overloading, etc.)
  - computerize details regarding vehicle and driver licensing
- Regulate drivers' working hours
- Set guidelines for driver training and testing
- Prescribe safety standards and infrastructure for non-motorized transport
- Highway Police Patrol

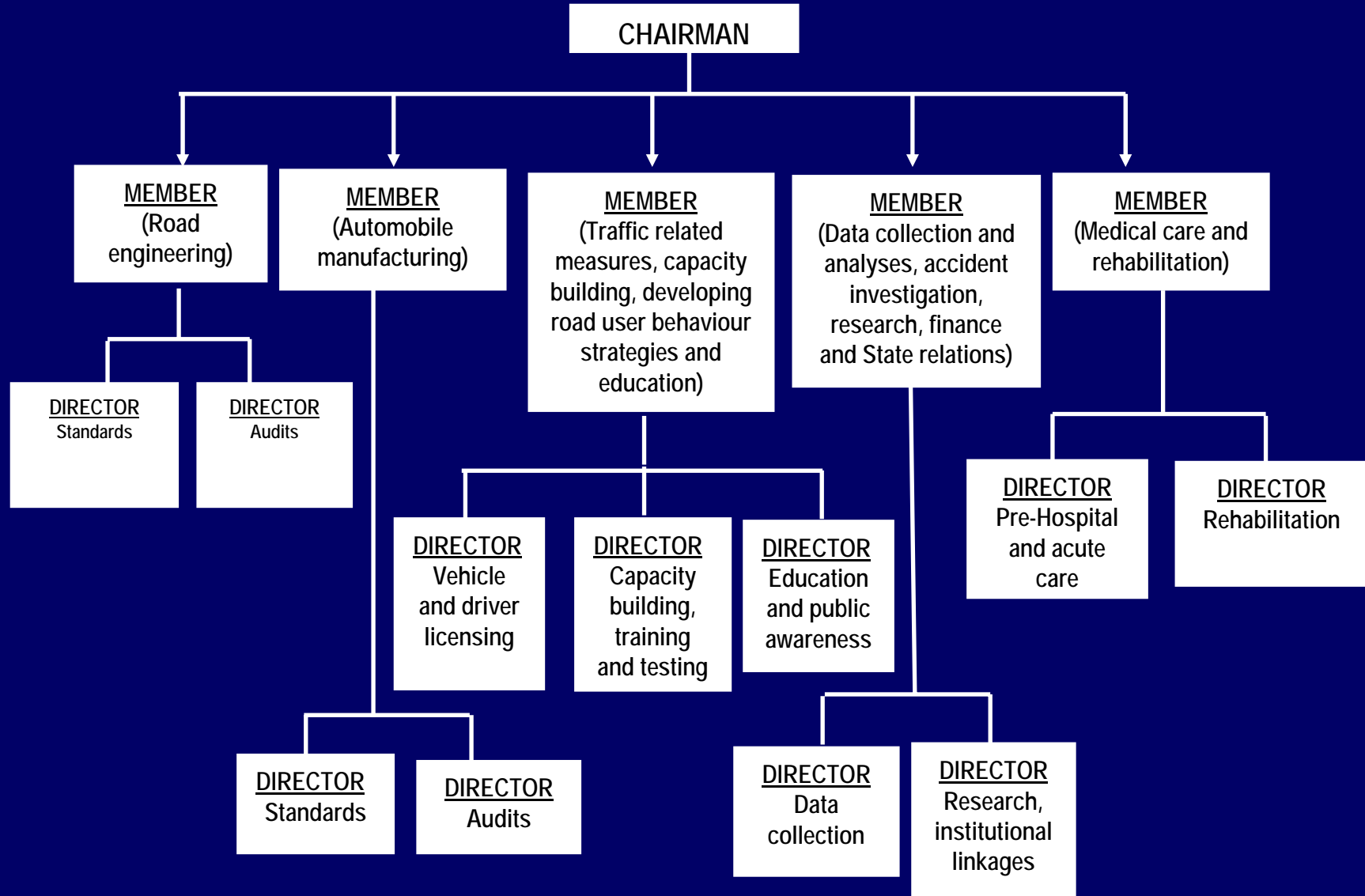
# Post-Accident Medical Care

- **Set guidelines to establish grid of trauma care centres in the country**
- **Set guidelines to create a grid of medical and paramedical facilities for dealing with highway injuries**
- **Emphasize pre-hospital and post-trauma care and rehabilitation**

# Capacity Building & Training

- **Set guidelines for building capacity and skills in the traffic police, hospitals, highway authorities, NGOs and other organizations concerned with road safety.**
- **Support infrastructure strengthening of training institutions/agencies/academia.**

# National Road Safety Board (Proposed)



# **National Road Safety Fund**

- **A minimum of 1% of the revenue from the cess on diesel and gasoline allocated for national highways and rail and road over bridges to be credited to the Safety Fund**
- **At least 50% of the receipts to be allocated to accident prone urban areas and states**
- **Allocation to the states conditional upon their entering into agreements with the centre and fulfilling their commitments**

# What is expected of us

- **Orientation to needs and concerns of users**
- **Become familiar with fundamentals of traffic engineering principles**
- **Read and understand IRC codes having bearing on safety and Traffic Management and try to have them translated into action on ground**
- **Not to compromise on providing road safety engineering measures while preparing FRs/DPRs and bid documents for PPP/EPC contracts (insist inputs of traffic engineering experts)**
- **Ensure more attention and care for workers and road users at construction sites.**
- **Join league of champions for promoting road safety.**

**Thank you for our resolve to do our bit for  
the cause of saving lives due to road  
accidents**

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