National road safety situation and National Action Plan

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- JS MoPIT / General Secretary RSSN
Every day about >8 people die because of road traffic accident
<table>
<thead>
<tr>
<th>Year</th>
<th>Total SRN (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>9399.38</td>
</tr>
<tr>
<td>2011</td>
<td>10835.02</td>
</tr>
<tr>
<td>2012</td>
<td>11635.58</td>
</tr>
<tr>
<td>2013</td>
<td>12483.94</td>
</tr>
<tr>
<td>2014</td>
<td>12483.94</td>
</tr>
<tr>
<td>2015</td>
<td>12872</td>
</tr>
<tr>
<td>2016</td>
<td>12872</td>
</tr>
<tr>
<td>2017</td>
<td>13447</td>
</tr>
</tbody>
</table>
# Vehicle Status

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total No. of registered Vehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>2064/65</td>
<td>710914</td>
</tr>
<tr>
<td>2065/66</td>
<td>813484</td>
</tr>
<tr>
<td>2066/67</td>
<td>1015271</td>
</tr>
<tr>
<td>2067/68</td>
<td>1178911</td>
</tr>
<tr>
<td>2068/69</td>
<td>1348995</td>
</tr>
<tr>
<td>2069/70</td>
<td>1557478</td>
</tr>
<tr>
<td>2070/71</td>
<td>1755821</td>
</tr>
<tr>
<td>2071/72</td>
<td>1995404</td>
</tr>
<tr>
<td>2072/73</td>
<td>2339169</td>
</tr>
<tr>
<td>2073/74</td>
<td>2783428</td>
</tr>
<tr>
<td>2074/75</td>
<td>3221042</td>
</tr>
</tbody>
</table>

**Growth of Vehicle**

Vehicle population >3.2 million,
78% vehicles are 2 wheelers type.
Situation is alarming, demanding an immediate need to act

Nepalese context

2007 fatality 837
2014 fatality 1787
2016 fatality 2006
2018 fatality 2384
Road Accidents Trend

Fatalities, Serious Injuries and Minor Injuries

- Fatalities
- Serious Injuries
- Minor Injuries

Source: Nepal Police and World Health Organisation
Causes of Road Accident

- Human Error
- Road Condition
- Vehicle Fitness
- Environment
- Other..
<table>
<thead>
<tr>
<th>Causes of Accident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic Police</td>
</tr>
</tbody>
</table>

- Negligence of Driver 72%
- Over-speeding 18%
- Drunken Driving 02%
- Overtaking 01%
- Vehicle problem 01%
- Pedestrian problem 01%
- Road condition 01%
- Others 04%
Causes of Road Accidents

- Driver behaviour
  * Over speeding
  * Overtaking
  * Braking
  * Lane discipline
  * Giving way, Level crossing etc.
- Driver training and testing
- Fatigue
- Overloading
Road Environment

- Poor Road construction Practices
- Dumping of construction materials
- Road side encroachment by vendors cattle and utilities
Pedestrian Safety

• Poor enforcement
• Road User Awareness
Road condition and operation
Overloading
Inappropriate safety Measures
Road Safety Action Plan (2013-2020) formulated with an aim to reduce Road Traffic Accidents by 50%

Ad-hoc Road Safety Council has been

Act and regulation (VTMA and VTMR) have been in the process of amendment

Seat belt for drivers, Helmet for 2-wheeler driver is mandatory,

Zero tolerance to Drink and Driving
Efforts so far:

• Initiation of safety audits on the existing roads and black spots investigations;

• W-beam crash barriers along vulnerable road edges;

• Intensified effort in Use of Zebra crossing, lane discipline has shown encouraging result.

• Rigorous test on driver licensing.
Efforts so far:

• Road Safety Awareness, Trainings to Drivers and students being initiated;

• Establishment of Vehicle Test Center

• Functioning of Trauma Center.
Efforts so far: Global Road Safety Week 2017
• Poor horizontal coordination and accident data sharing;
• Stakeholders conducting accident reduction measures in isolation;
• Level of sustained Commitment & understanding on implications from political and top bureaucratic level;
• Effective policy and strategies and their implementation
• Inadequate Monitoring and Evaluation;
• Accident Data collection, storage, management and analysis for identifying root cause of accidents.
• Inadequate road safety funding.

Yet Accidents is increasing, Why??
Actions of immediate need

• Strong, sustained and honest commitment and effort from the political level.
• Formation of Road Safety Council for Planning, coordinating, monitoring and evaluation of Road Safety;
• Stakeholders awareness on their roles and capacity building
• Adequate vehicle testing center established and operated;
• Strong, effective, sustained monitoring and evaluation.
• Coordination with international stakeholders (benchmarking, adherence to international commitment and standards)
Global Plan

- Road safety management
- Safer roads and mobility
- Safer vehicles
- Safer road users
- Post-crash response
Road Safety Action Plan

• Better coordination / Road Safety council
• Capacity Building
• Strengthening legal environment
• Data Management
• Develop Tools and Guidelines (Audit, design…)
• Accident Investigation and countermeasures
• Institutional arrangement and capacity building
• Development of standards
• Vehicle inspection
Road Safety Action Plan

• Public awareness programs and education
• Driver training and driving licensing
• Ambulance service and Trauma care
• Research and Development
• Effective coordination
• Effective monitoring of road safety activities
• Institutional enhancement
• Skill enhancement
• Better awareness to stakeholders
• Reforms in legal environment, policies and guidelines
• Prioritization in investment
• Establishment of research Institute
• Institutional development of all agencies and stakeholders
• Regular revision of acts regulation
• Enhanced enforcement and inspection
• Scientific transport management
• Road worthy public vehicle
• Skilled drivers
• Reduce accident and post accident fatalities
• Improved emergency services
• Improved RTA database and analysis
• Improved and accessible Rehabilitation of accident victims
Road Safety Action Plan Cannot achieved

- National road Safety council / coordination
- Stakeholder ownership
- Resource allocation
- Action Prioritization
- Benchmarking
- Stakeholders effort in isolation
Today’s Need

• Control through Design and enforcement
• Capacity Building through training Research
• Good Data base management
• Promote advocacy
• Public awareness

INGO, NGO e.g Nepal Road Safety Society
Engineering Colleges
Private sector in vehicle fitness and maintenance, driver training, rescue
And more........
Working for Road Safety is Saving Life
May This Holi Festival of colors inspire us to consolidate our efforts on making our roads safe and help in keeping our life colorful.