ITC Recommendations for Enhancing National Road Safety Systems

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26102 I 2020, Geneva
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• UN GA resolution in Apr. 2018 expressed concern on missing SDG target on road safety by 2020 and called for enhanced efforts

• Study for a master plan and financing direction of UNRSF, NRSS concept, adopted by UNRSF Advisory Board and Steering Committee in Nov. 2018

• ITC Strategy, giving special priority to global road safety to support NRSS in line with the master plan and financing direction of UNRSF in Feb. 2019

• In consultation with the Bureau, the ITC Chair and the secretariat circulated the draft to the Chairs of all the WPs and ACs for comment

• Received from WP.1, WP.15, WP.29 and SC.1, Bureau in Nov. 2019

• Stockholm Declaration encourages Safe system principles/approach

• Publication of background study http://www.unece.org/index.php?id=53786
Experience from Aviation Safety

- Strong international regulatory support system
- Effective national civil aviation safety systems and international regulatory framework in countries
- Continuous improvement of safety through the State Safety Programmes (SSP) under the Global Aviation Safety Plan (GASP) and the Global Air Navigation Plan (GANP)
Experience from Maritime Safety

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- Strong international regulatory support system
- Flag state and port state control systems
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<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Control of motorized carriage</td>
<td>Mastering traffic situations</td>
<td>Managing traffic safety system</td>
<td>Managing transport safety system</td>
<td>Safe System Approach</td>
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<td><strong>Effects</strong></td>
<td>Gradual increase in traffic fatalities</td>
<td>Rapid increase of traffic fatalities with moderate increase of relative road safety indicators</td>
<td>Successive cycles of decrease of traffic fatalities and decrease of relative road safety indicators</td>
<td>Significant reduction of traffic fatalities and relative road safety indicators in most developed countries</td>
<td>Continuous reduction of stress, road accidents, suffering and socio-economic costs</td>
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Lessons Learned from the Decade of Action

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- No reduction of fatality in the Decade
- Lack of a system concept to guide and coordinate:
  - Fragmented efforts
  - Duplicated efforts
  - Less prioritization of efforts
  - Less strong international regulatory support
# Matrix of National Road Safety System

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<table>
<thead>
<tr>
<th>Area</th>
<th>Legislation</th>
<th>Enforcement</th>
<th>Education</th>
<th>Technology</th>
<th>International Regulatory Support</th>
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<tr>
<td>Safe user</td>
<td>Traffic rules drivers, cyclists, pedestrians</td>
<td>Lawful behavior ensured by police and inspectors</td>
<td>Awareness raising, training and examination</td>
<td>Supportive technology and equipment, rules reminders</td>
<td>UN RS legal instruments and resolutions, WP.1, SC.1, WP.15</td>
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<tr>
<td>Safe vehicle</td>
<td>Rules and standards for admission of vehicles to traffic</td>
<td>Certification and inspections by qualified inspectors</td>
<td>Awareness raising for users, training for inspectors</td>
<td>Supportive technology and equipment, compliance reminders</td>
<td>UN RS legal instruments and resolutions, WP.1, WP.15, WP.29</td>
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<tr>
<td>Safe road</td>
<td>Standards for design, construction, maintenance and signage</td>
<td>Audit, assessment and inspection by qualified teams</td>
<td>Awareness raising for road managers, users, and for inspectors</td>
<td>Forgiving and self-explaining road design, intelligent road systems</td>
<td>UN RS legal instruments and resolutions, int. standards WP.1, WP.15, SC.1</td>
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<tr>
<td>Effective post-crash response</td>
<td>Standards for data collection post-crash response and investigation</td>
<td>Oversight of rescue services, investigators investigating crashes</td>
<td>First aid and rescue service training, investigators training</td>
<td>Supportive technology and equipment</td>
<td>Consolidated resolution, int. standards, WP.1, WP.15, SC.1</td>
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Application of the Recommendations in Developing Countries

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- Serve as guideline or benchmark for developing a sound national road safety system (NRSS)
- Identify missing or weak elements of their NRSS
- Identify shortcomings and required actions for funding support
- Prioritize actions for implementation by defining adequate implementation timeframes
- Coordinate actions among national authorities and international organizations
- Monitor and evaluate actions
Thank you!