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ITC Recommendations for Enhancing National Road Safety Systems

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Background

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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

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- 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)**

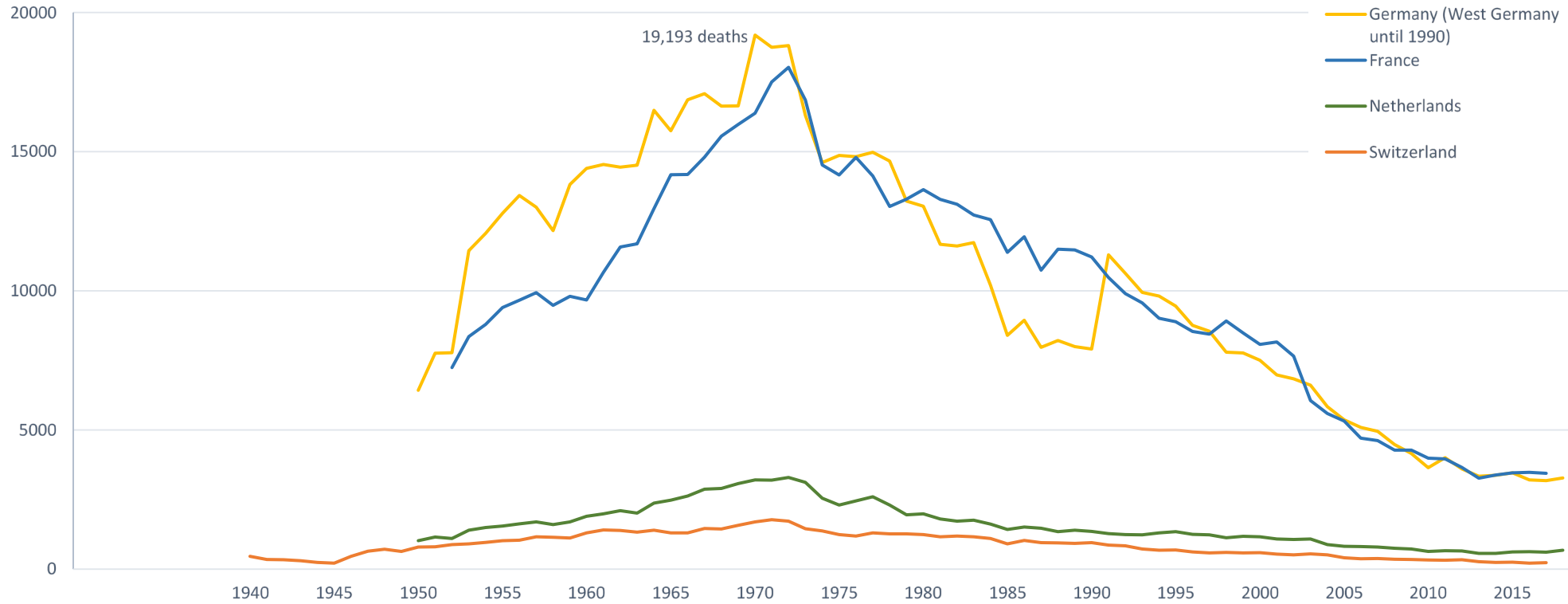
Experience from Maritime Safety

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- Strong international regulatory support system
- Flag state and port state control systems

Evolution of the UN Conventions in Connection with Progress of Road Safety in Selected European Countries



Timeline	1900 – 1940s	1950s – 1960s	1970s – 1980s	1980s – 1990s	from 2000 to present
Description	Control of motorized carriage	Mastering traffic situations	Managing traffic safety system	Managing transport safety system	Safe System Approach
Effects	Gradual increase in traffic fatalities	Rapid increase of traffic fatalities with moderate increase of relative road safety indicators	Successive cycles of decrease of traffic fatalities and decrease of relative road safety indicators	Significant reduction of traffic fatalities and relative road safety indicators in most developed countries	Continuous reduction of stress, road accidents, suffering and socio-economic costs
UN Conventions		Road Traffic 1949, Protocol Road Signs/ Signals 1949, Traffic Arteries 1950, Weight and Dimensions 1950, ADR 1957, Road Markings 1957, Vehicle Regulations 1958	Road Traffic 1968, Road Signs/ Signals 1968, Work of Road Crews 1970, Suppl. Road Traffic 1971, Suppl. Road Signs/ Signals 1971, Road Markings 1973, E-Road 1975, Driving Permits 1975 in addition to the Conventions adopted earlier	Protocol ADR 1993, Technical Inspections Vehicles 1997, Global Vehicle Regulations 1998, amendments to the Conventions adopted earlier	Amendments to the Conventions, accession and implementation of the conventions by and transfer of knowledge and good practices to developing countries

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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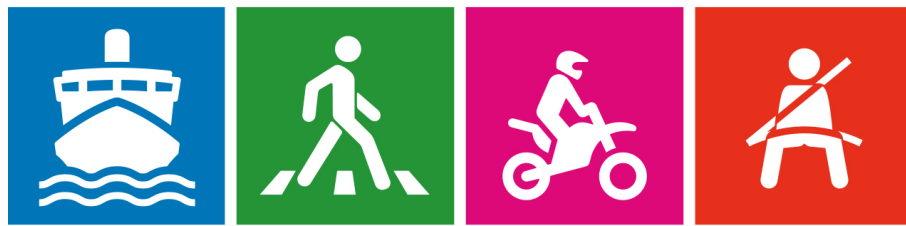
Area Pillar	Legislation	Enforcement	Education	Technology	International Regulatory Support
Road safety management – vertical and horizontal coordination					
Safe user	Traffic rules drivers cyclists pedestrians	Lawful behavior ensured by police and inspectors	Awareness raising, training and examination	Supportive technology and equipment, rules reminders	UN RS legal instruments and resolu- tions, WP.1, SC.1, WP.15
Safe vehicle	Rules and standards for admission of vehicles to traffic	Certification and inspections by qualified inspectors	Awareness raising for users, training for inspectors	Supportive technology and equipment, compliance reminders	UN RS legal instruments and resolu- tions, WP.1, WP.15, WP.29
Safe road	Standards for design, construction, maintenance and signage	Audit, assessment and inspection by qualified teams	Awareness raising for road managers, users, and for inspectors	Forgiving and self-explaining road design, intelligent road systems	UN RS legal in- struments and resolutions, int. standards WP.1, WP.15, SC.1
Effective post-crash response	Standards for data collection post-crash response and investigation	Oversight of rescue services, investigators investigating crashes	First aid and rescue service training, investigators training	Supportive technology and equipment	Consolidated resolution, int. standards, WP.1, WP.15, SC.1

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



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Thank you!