

ITC Recommendation for Enhancement of National Road Safety System - emphasis on safe vehicles

Workshop on Periodic Technical Inspection and Roadside Technical Inspection

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ITC Recommendations - Background



- **Decade of Action for Road Safety 2011-2020 (2010)**
- **UN GA Resolution A/70/L.44 - The 2030 Agenda for Sustainable Development (2015)**
- **UN GA Resolution A/RES/72/271 (2018)** - expressed the concern that, at the current rate of progress by Member States, the Target 3.6 of Sustainable Development Goal 3 will not be met by 2020.
- **12 road safety global voluntary performance targets**
- **United Nations Road Safety Trust Fund (2018)**
- **Adopted at 82nd session of ITC**



ITC Recommendations

The compilation of all actions across the areas and pillars formulates the **Global Framework Plan of Action for Road Safety**, with aim to serve any country in establishing or enhancing its national road safety system.

Pillars

- Road safety management
- Safe user
- Safe vehicle
- Safe road
- Effective post-crash response

Actions

- Legislation
- Enforcement
- Education
- Technology
- International Regulatory Support



ITC Recommendations(II)

Area Pillar	L egislation	E nforcement	E ducation	T echnology	I nternational R egulatory S upport
Road safety management					
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.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, 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, SC.1



ITC Recommendations - safe vehicles/Legislation



- (a) Adopt rules for registration of vehicles that include strict vehicle inspection schemes
- (b) Adopt rules on vehicle's identification marks
- (c) Establish vehicle's minimum safety requirements for admission to traffic, both for new and/or imported second-hand vehicles
- (d) Put in place a regime for vehicle certification for both new and/or imported second-hand vehicles
- (e) Put in place a regime for periodic technical inspection of vehicles in use (registered) (
- f) Designate authorities responsible for implementation including enforcement of the rules and regulations
- (g) Introduce effective penalties scheme for incompliance with vehicle requirements;
- (h) Introduce vehicle requirements and certification for carriage of dangerous goods;
- (i) Assess effectiveness and completeness of legislation
- (j) Introduce registration of vehicles to prevent theft: marking of spare parts.



ITC Recommendations - safe vehicles/Enforcement



- (a) Authorize inspection centres, which may include privately operated workshops, for technical inspections and supervise and audit inspection centres;
- (b) Carry out road-side technical checks including load securing (police and technical inspectors, enforcement technology e.g. mobile testing stations, portable inspection tools);
- (c) Establish and interlink databases for vehicle registration, periodic technical inspection and technical roadside inspections;
- (d) Undertake import/export control on new and used vehicles;
- (e) Apply effectively penalties for use of vehicles with expired certificates;
- (f) Apply effectively penalties to inspection centres and use anti-corruption mechanism;
- (g) Assess effectiveness of vehicle enforcement activities by use of appropriate indicators;
- (h) Ensure sufficient budget for inspection, supervision and audit.



ITC Recommendations - safe vehicles/Education



- (a) Conduct campaigns to raise general awareness of safety benefits from safety systems of vehicles and proper equipment, importance of continuous vehicle-maintenance and proper use of safety related systems and equipment;
- (b) Carry out targeted campaigns for specific groups of users (e.g. equipment for safe transport of children in vehicles, motorcycle helmets);
- (c) Train, re-train and test inspectors to carry out high quality inspection and technical check;
- (d) Assess effectiveness of education activities by use of appropriate indicators;
- (e) Ensure adequate budget for education and training



ITC Recommendations - safe vehicles/Technology

- (a) Support developers to bring to market automated technologies reminding vehicle owners to renew technical inspection or registration;
- (b) Support developers to bring to market technologies making vehicles safer and provide higher protection for other road users especial vulnerable ones (blind spot monitoring and detection, rear crossing detection, active bonnets (outside airbags), night vision systems, door opening monitoring, intelligent cruise control, pedestrian/cyclist detection, emergency steering functions, automated emergency braking systems, etc.) as well as automated solutions.



ITC Recommendations - safe vehicles/IRS



- 1968 Convention on Road Traffic – provisions regarding vehicle admission to traffic via system of registration
- 1958 Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations (Revision 3)
- 1997 Agreement concerning the Adoption of Uniform Conditions for Periodical Technical Inspections of Wheeled Vehicles and the Reciprocal Recognition of Such Inspections
- 1998 Agreement concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts which can be fitted and / or be used on Wheeled Vehicles
- 1957 Agreement concerning the International Carriage of Dangerous Goods by Road
- 1970 Agreement concerning the Work of Crews of Vehicles engaged in International Road Transport (AETR)



ITC Recommendations - safe vehicles/IRS (II)



- Consolidated Resolutions on the Construction of Vehicles,
- Consolidated Resolution on the Common Specification of Light Source Categories,
- Consolidated Resolution on Test-equipment, Skills and Training of Inspectors, Supervision, and
- Consolidated Resolution on Road Traffic
- Mutual Resolution No. 1 of the 1958 and the 1998 Agreements concerning the Description and Performance of Test Tools and Devices necessary for the Assessment of Compliance of Wheeled Vehicles, Equipment and Parts according to the Technical Prescriptions specified in United Nations Regulations and United Nations Global Technical Regulations
- Mutual Resolution No. 2 of the 1958 and the 1998 Agreements Containing Vehicle Propulsion System Definition
- Special Resolution No. 1 of the 1998 Agreement concerning the Common Definitions of Vehicle Categories, Masses and Dimensions
- Global New Car Assessment Programme



Application of the Recommendations

- 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!

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