



ITC Recommendations for Enhancing National Road Safety Systems

Road Safety Capacity Development Workshop
Moldova, 2 December 2021



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UNECE

Background I

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- **Decade of Action for Road Safety 2011-2020 (2010)**
- **Adoption of SDGs (2015)**
- **Appointment of UN SG's Special Envoy for Road Safety**
- **UN GA Resolution 72/271 (2018)** - expressed concern for meeting Target 3.6 of SDG 3 by 2020.
- **12 road safety global voluntary performance targets**
- **Establishment of United Nations Road Safety Fund (2018)**
- **ITC Recommendations adopted at the 82nd ITC session (2020)**
- **UN GA Resolution 74/299 on "Improving global road safety"** proclaims the second Decade of Action for Road Safety and calls for the preparation of a global plan of action (2020)
- **Launch of Global Plan for the Decade of Action for Road Safety 2021 – 2030 (2021)**

ITC Recommendations

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Pillar \ Area	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 resolutions, 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 resolutions, WP.1, SC.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 instruments 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: Pillars and areas interconnected

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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	Lawful behavior ensured by police and inspectors	Awareness raising, training and examination	Supportive technology and equipment, also 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, SC.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 instruments and resolu- tions, int. standards, WP.1, SC.1
Effective post-crash response	Standards for data collection post-crash response and management	Oversight of rescue services, investigators investigating crashes	First aid and rescue service training, investigators	Supportive technology and equipment	Consolidated resolution, int. standards, WP.1, SC.1



ITC Recommendations

Horizontal example: Safe vehicles

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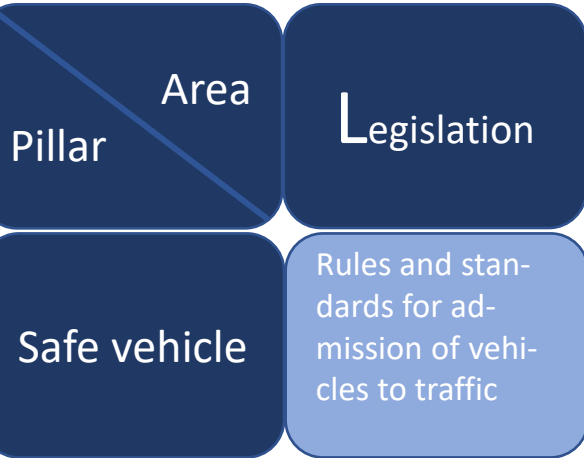


Area Pillar	Legislation	Enforcement	Education	Technology	International Regulatory Support
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Safe user	Traffic rules drivers cyclists pedestrians	Lawful behavior ensured by police and inspectors	Awareness raising, training and examination	Supportive technology and equipment, rules reminders	UN RS legal instruments and resolu- tions, WP.1, SC.1, WP.15
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ITC Recommendations

Safe vehicle/Legislation

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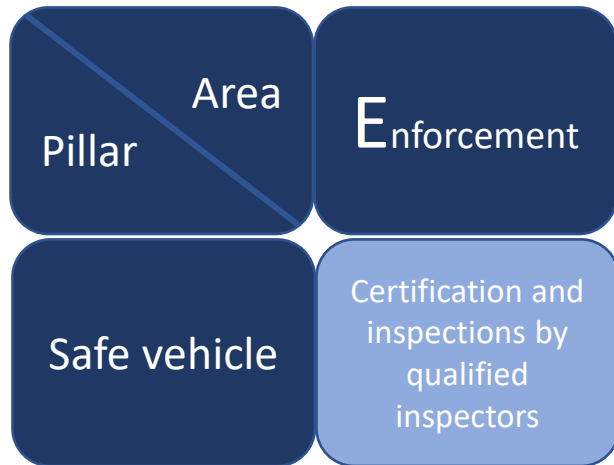


- (a) Adopt rules for registration of vehicles that include strict vehicle inspection schemes
- (b) Adopt rules on vehicle's identification marks
- (c) Establish vehicle's minimum safety requirements for admission to traffic, both for new and/or imported second-hand vehicles
- (d) Put in place a regime 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 non-compliance 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 vehicle/Enforcement

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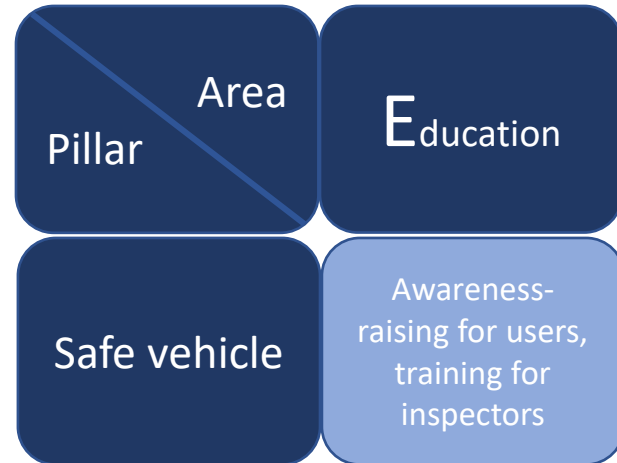


- (a) Authorize inspection centres, which may include privately operated workshops, for technical inspections and supervise and audit inspection centres;
- (b) Carry out road-side technical checks including load securing (police and technical inspectors, enforcement technology e.g. mobile testing stations, 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.

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Safe vehicle/Education

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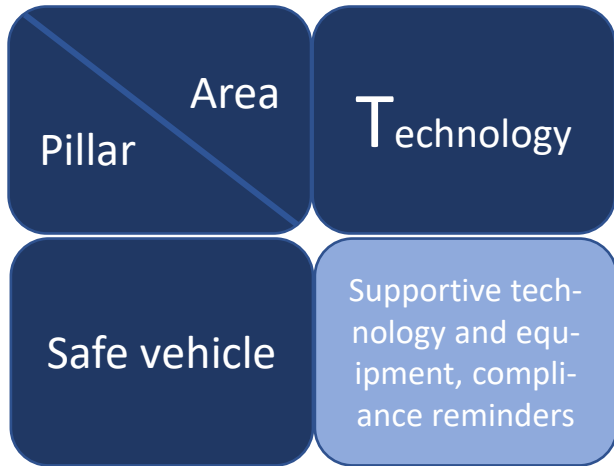


- (a) Conduct campaigns to raise general awareness of safety benefits from safety systems of vehicles and proper equipment, importance of continuous vehicle-maintenance and proper use of safety related systems and equipment;
- (b) Carry out targeted campaigns for specific groups of users (e.g. equipment 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 vehicle/Technology

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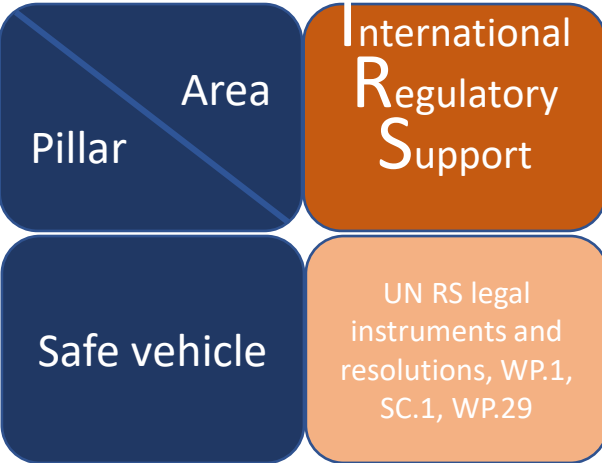


- (a) Support developers to bring to market automated technologies reminding vehicle owners to renew technical inspection or registration;
- (b) Support developers to bring to market technologies making vehicles safer and provide higher protection for other road users especial vulnerable ones (blind 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.

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Safe vehicle/Inter'l Regulatory Support

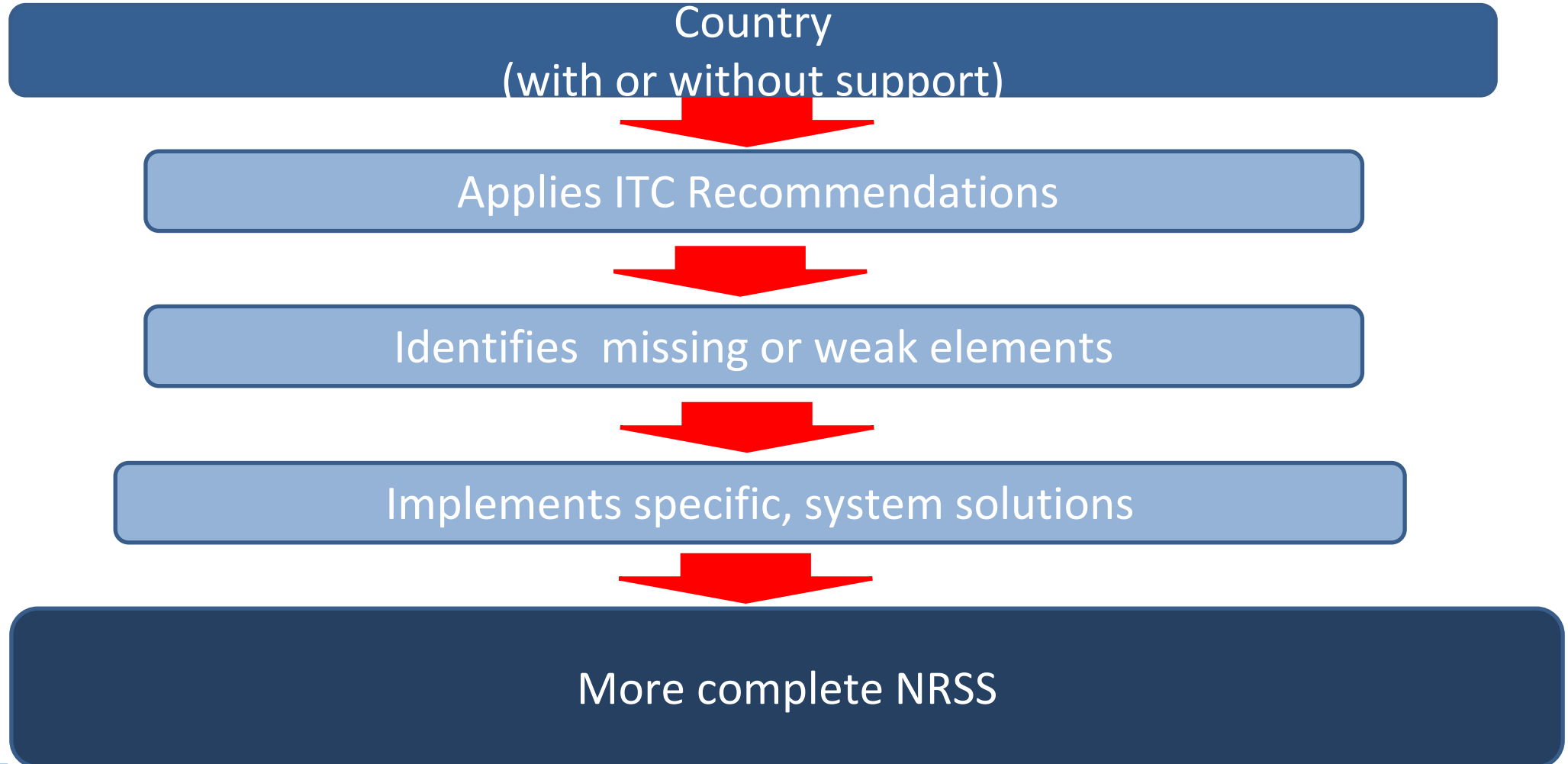
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- 1968 Convention on Road Traffic – provisions regarding vehicle admission to traffic via system of registration
- 1958 Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which 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)

Application of ITC Recommendations in Developing Countries

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Thank you!