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Economic Commission for Europe

Inland Transport Committee

Global Forum for Road Traffic Safety

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Item 3 b of the provisional agenda

ITC recommendations and decisions

Economic Commission for Europe Road Safety Action Plan, 2023-2030

Submitted by the Secretariat

This document reproduces Annex of ECE/TRANS/2023/7 (Draft Economic Commission for Europe Road Safety Action Plan 2023-2030). The Annex provides a structured approach, which all ITC Working Parties are encouraged to follow. It also contains suggestions aiming to initiate substantive discussion. WP.1 is invited, on the basis of this document, to begin addressing the ITC invitation to submit first inputs in the corresponding areas of the Plan that are relevant to its work.

Annex

Areas of Action

A. Road Safety Management

Existing instruments:

- (a) United Nations conventions/agreements: Nil
- (b) Resolutions: Nil
- (c) Recommendations:
ITC Recommendations for Enhancing National Road Safety Systems
- (d) United Nations road safety tools:
Road Safety Performance Review
Road Safety System Assessments (ECE/TRANS/2020/10)
SafeFITS

Screening result

Working parties provide input here:

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- (a) Loopholes

Working parties provide input here:

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- (b) Missing elements

Suggestions by the secretariat:

Road safety Key Performance Indicators (KPIs) Necessary amendments

Working parties provide input here:

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- (c) New legal instruments

Suggestions by the secretariat:

New convention on Road Safety Management (RSM)

Working parties provide input here:

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Capacity development

Working parties provide input here:

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- (a) Training materials

Working parties provide input here:

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- (b) Competency criteria

Working parties provide input here:

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- (c) Training courses

Working parties provide input here:

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Monitoring

Suggestions by the secretariat:

WHO Road Safety Reports

National road safety statistics

Working parties provide input here:

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- (a) Indicators

Suggestions by the secretariat:

Road crash fatalities (killed per 100,000 population)

Road crash injuries (serious injuries (MAS3) per 100,000 population)

Working parties provide input here:

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B. Safe User

Existing instruments:

- (a) United Nations conventions:

- 1968 Convention on Road Traffic
- 1968 Convention on Road Signs and Signals
- 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)

- (b) Resolutions

- Consolidated Resolution on Road Traffic
- Consolidated Resolution on Road Signs and Signals
- Resolution on the deployment of highly and fully automated vehicles in road traffic

(c) Recommendations

Screening result

Working parties provide input here:

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(a) Loopholes:

Suggestions by the secretariat:

1970 AETR

Geographical limitation

European Union centric (Root certificate issuing by European Commission only)

Working parties provide input here:

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(b) Missing elements:

Suggestions by the secretariat:

1968 Convention Road Traffic

Physical and mental fitness of drivers

Driver training and examination

Quality Assurance (QA) system for driver examination incl. requirements for examiners

1970 AETR

QA system for driving and resting time inspections (at roadside and companies) incl. requirements for inspectors

Working parties provide input here:

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(c) Necessary amendments:

Suggestions by the secretariat:

1970 AETR

Amendment as a global agreement or further development as a global recommendation for all drivers of motor vehicles

Working parties provide input here:

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(d) New legal instruments

Suggestions by the secretariat:

On safe use of automated vehicles in road traffic

Working parties provide input here:

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Capacity development

Working parties provide input here:

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(a) Training materials

Working parties provide input here:

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(b) Competency criteria

Working parties provide input here:

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(c) Training courses

Working parties provide input here:

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Monitoring

Working parties provide input here:

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(a) Indicators:

Suggestions by the secretariat:

1970 AETR

Percentage of controlled working days per year

Number of serious infringements per 1,000 controlled working days

Working parties provide input here:

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C. Safe Vehicles

Existing instruments:

(a) United Nations conventions/agreements

- 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
- (b) Resolutions
 - R.E.3 Consolidated Resolutions on the Construction of Vehicles
 - R.E.5. Consolidated Resolution on the Common Specification of Light Source Categories
 - R.E.6. Consolidated Resolution on Test-equipment, Skills and Training of Inspectors, Supervision and
 - R.E.1. 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
- (c) Recommendations
 - Global New Car Assessment Programme

Screening result

Working parties provide input here:

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- (a) Loopholes

Working parties provide input here:

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- (b) Missing elements

Suggestions by the secretariat:

1958 Agreement

New UN Regulation on intelligent speed adaptation systems

New UN Regulation on Safer Transport of Children in Buses and Coaches

1997 Agreement

Export / import inspections of used vehicles and exchange of data of vehicles transferred between countries/regions.

New Rule on provisions for testing Advanced Driver Assist Systems (ADAS) / Automated Driving System (ADS) at Periodic Technical Inspection (PTI)

New Rule on specific information needed for testing electronic controlled safety and environmental relevant vehicle systems

1998 Agreement:

New UN GTR on Crashworthiness

New UN GTR on Child Restraint Systems

New UN GTR on Safety-Helmets

New UN GTR on Brakes

New UN GTR on Steering

Working parties provide input here:

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- (c) Necessary amendments

Suggestions by the secretariat:

Corresponding elements in Agreements (Regulations), Conventions and Resolutions to be amended to provide consistency

Working parties provide input here:

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- (d) New legal instruments

Suggestions by the secretariat:

On minimum requirements for safe and clean used and new vehicles for low- and middle-income countries

Working parties provide input here:

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Capacity development

Working parties provide input here:

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- (a) Training materials

Working parties provide input here:

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- (b) Competency criteria

Working parties provide input here:

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- (c) Training courses

Suggestions by the secretariat:

e-course on 1958 Agreement

Working parties provide input here:

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Monitoring

Working parties provide input here:

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(a) Indicators:

Suggestions by the secretariat:

1997 Agreement on PTI

Number/percentage of vehicles inspected per category and year

Percentage of inspected vehicles with dangerous, major or minor defects at PTI and at Road Side Inspection (RSI) per year

1958 and 1998 Agreements

Number of low/middle income countries applying/transposing UN Regulation No. 22/UN GTR No. xx.

Number of low/middle income countries applying/transposing UN Regulation No. 145 (ISOFIX anchorages)

Number of low/middle income countries applying/transposing UN Regulation No. 44 and 129/UN GTR No. xx.

Working parties provide input here:

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D. Safe Roads

Existing instruments:

(a) United Nations conventions/agreements

- 1968 Convention on Road Signs and Signals
- 1975 European Agreement on Main International Traffic Arteries
- 2001 Agreement on International Roads in the Arab Mashreq
- 2004 Intergovernmental Agreement on the Asian Highway Network
- Intergovernmental Agreement on the Trans-Africa Highways Network
- 1957 Agreement concerning the International Carriage of Dangerous Goods by Road

(b) Resolutions

- United Nations Consolidated Resolutions on Road Traffic
- United Nations Consolidated Resolutions on Road Signs and Signals

(c) Recommendations

- International Road Assessment Programme, with standards for road assessment and standards for risk mapping
- Technical recommendations from global organizations like World Road Association (PIARC)
- International Standard Organization (ISO) road construction and road maintenance standards

Screening result

Working parties provide input here:

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(a) Loopholes

Suggestions by the secretariat:

Geographical limitation in European Agreement on Main International Traffic Arteries, AGR

Working parties provide input here:

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(b) Missing elements

Suggestions by the secretariat:

- Road safety audits (roads and tunnels)
- Road safety inspections
- Minimum road maintenance requirements
- Minimum requirements for road signs/signals and marking related to automated vehicles

Working parties provide input here:

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(c) Necessary amendments

Working parties provide input here:

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(d) New legal instruments

Working parties provide input here:

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Capacity development

Working parties provide input here:

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(a) Training materials

Working parties provide input here:

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(b) Competency criteria

Suggestions by the secretariat:

QA and certification requirements for road safety auditors, road safety inspectors

Working parties provide input here:

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- (c) Training courses

Working parties provide input here:

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Monitoring

Working parties provide input here:

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- (a) Indicators

Suggestions by the secretariat:

Number of audits of new road/tunnel projects per year

Number and length (km) of audited/inspected existing roads per category and year

Working parties provide input here:

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E. Effective Post-Crash Response

Existing instruments:

- (a) United Nations conventions
1958 Agreement on UN Regulations for vehicle type approval; UN Regulation No. 144 on automated emergency call systems
- (b) Resolutions
United Nations Consolidated Resolutions on Road Traffic
- (c) Recommendations

Screening result

Working parties provide input here:

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- (a) Loopholes

Working parties provide input here:

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- (b) Missing elements

Working parties provide input here:

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- (c) Necessary amendments

Working parties provide input here:

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- (d) New legal instruments

Working parties provide input here:

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Capacity development

Working parties provide input here:

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- (a) Training materials

Working parties provide input here:

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- (b) Competency criteria

Working parties provide input here:

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- (c) Training courses

Working parties provide input here:

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Monitoring

Working parties provide input here:

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- (a) Indicators

Working parties provide input here:

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