

## **United Nations Economic Commission for Europe Plan to implement the United Nations Decade of Action for Road Safety (2011-2020)**

### **Note by the secretariat**

#### **Introduction**

1. This document is an abstract of WP.29 activities from ECE/TRANS/2012/4, introduced at the March 2012 session of the Inland Transport Committee, in which UNECE presents its Action Plan for the UN Decade of Action for Road Safety (2011–2020). This Plan is directly aligned to the UN Global Plan for the Decade of Action for Road Safety (2011–2020), and aims to achieve UNECE's overall road safety goals by addressing priority areas of work as well as implementing continuous and future actions for each goal in its geographical area and beyond. The plan will be reviewed and updated annually to ensure progress is being made toward meeting the objectives and that performance indicators are reached.

2. Accordingly, this document contains the progress of the activities for monitoring and evaluation of WP.29 actions in the framework of the decade of actions since its launch (11 May 2011). According to the outcome of the March 2012 session of WP.29, it will be distributed updated for consideration and comments to WP.29 at its November session of each year for all the length of the decade (see ECE/TRANS/WP.29/1095 para. 97)

3. It is based on WP.29-156-05 distributed during the 156<sup>th</sup> session of the World Forum For Harmonization of Vehicle Regulation. The modifications to the text of WP.29-156-05 are marked in bold for new or strikethrough for deleted characters.

<i>Areas</i>	<i>UNECE past and present actions</i>	<i>UNECE future actions</i>	<i>Responsible</i>	<i>Time frame</i>	<i>Performance indicators</i>
Accession of United Nations Road Safety Conventions and Agreements	Monitoring the implementation of the United Nations Road Safety Conventions and Agreements:  1958 Agreement concerning the Adoption of Uniform Technical Prescriptions 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 Prescriptions (50 CP);  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, (33 CP);  1997 Agreement concerning the Adoption of Uniform Conditions for Periodical Technical Inspections of Wheeled Vehicles and the Reciprocal Recognition of Such Inspections (12 CP);	Will develop implementation indicators for the United Nations Road Safety Conventions and Agreements.	WP.1, WP.29, SC.1, WP.15	2011–2020	Number of new CPs to the United Nations Road Safety Conventions and Agreements and number of United Nations Regulations/United Nations GTRs adopted on national basis by countries CPs to any Agreement

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	<b>On 23 June 2011 adopted of a new UN Rule on roadworthiness (UN Rule No. 2). The adoption of this UN Rule will be relevant for road traffic safety.</b>	<b>Will be extended the scope of UN Rule Nos. 1 and 2 to cover vehicles of categories M<sub>1</sub>, N<sub>1</sub> and O<sub>1</sub> making the Agreement more useful for emerging economies and for those countries not having a periodical technical inspection (PTI) system.</b>	<b>WP.29</b>	<b>2011-2020</b>	<b>Number of new CPs acceding the Agreement and/or applying the UN Rules applied by 12 CPs</b>
	Raised awareness and technical assistance for accession.	Will enhance national and regional capacity building workshops and consultations to facilitate new accessions	WP.1, WP.29, SC.1, WP.15	continuous	Number of new CPs to the United Nations Road Safety Conventions and UN Agreements; Consistency between the United Nations Road Safety Conventions and Agreements, and the regional and national laws.
More effective implementation of United Nations Road Safety Conventions and Agreements	Issued a report on the level of enforcement for the AETR agreement (2011).	Will enhance national and regional capacity building workshops and consultations to promote better implementation. Will develop comprehensive implementation monitoring tools.	WP.1, WP.29, SC.1, WP.15	continuous	Number of implementation monitoring tools for the United Nations road safety legal instruments. Application of the report to the AETR agreement.

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Review of existing United Nations Road Safety and Conventions and Agreements to identify areas for modification	Will analyze how the principles of the Safe System approach can be incorporated into the work and into the United Nations Road Safety Legal Instruments.	-	<del>WP.1, WP.29, SC.1, WP.15</del>	2012–2013	Incorporated Safe System principles to road safety work and to UN Road Safety Legal Instruments.
<b>OBJECTIVE 2: Protect Road Users</b>					
Protecting Vulnerable Road Users	<b>Adopted on 14 March 2012 the new UN Regulation on pedestrian safety</b>	Will adopt new biofidelic test tools in the UN Regulations to design vehicles to be more pedestrian friendly.	<b>WP.29</b>	<b>2011-2020</b>	<b>Number of CPs applying the United Nations Regulations</b>
	Commissioned a discussion paper highlighting the benefits of the correct use of helmets and their specific construction (Regulation No. 22) for full head coverage to minimize impact in case of an accident.	Ongoing	WP. 29	2012	Number of <b>new countries</b> applying UN Regulation No. 22.
	Paid special attention to safe mobility and elderly road users by adopting provisions in United Nations Regulation No. 16 for safety-belts load limiters to reduce risk of thorax rib fracture injury.		WP.29	2011–2020	Number of increased CPs applying Regulation No. 16 ( <b>46 CPs</b> )

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<b>OBJECTIVE 3: Make Vehicles Safer</b>					
Encourage member States to apply and promulgate motor vehicle safety Regulations as developed by the United Nations's World Forum for the Harmonization of Vehicle Regulations (WP.29)	<b>With the adoption of 1 UN GTR and 2 UN Regulations the total number is 129</b> United Nations Regulations and 12 United Nations GTRs	Will develop new United Nations Regulations, United Nations GTRs and amendments on vehicle safety	WP.29	<b>2011–2012</b>	Number of CPs applying United Nations Regulations.
	<b>Adopted on 14 March 2012 the new UN Regulation on Light Emitting Diode (LED). Through this new UN Regulation active safety (lighting vehicle system) will be more efficient and responsive in road traffic.</b>	<b>Will handover LED technologies to all vehicle lighting and light-signaling system</b>	WP.29	<b>2012–2020</b>	<b>Number of CPs applying United Nations Regulations.</b>
	<b>Adopted on 17 November 2011 a new UN GTR on motorcycle controls, tell-tales and indicators. Through this new UN GTR motorcycle controls, tell-tales and indicators will be more efficient and responsive in road traffic at global level.</b>	<b>Will handover the requirements of the UN GTR into corresponding UN Regulation.</b>	WP.29	<b>2011-2020</b>	<b>Number of CPs applying United Nations Regulations</b>
	<b>Adopted in 2011, 45 amendments to UN Regulations to update them to the technical progress</b>	<b>Will continue to update the UN Regulations to the technical progress</b>	WP.29	<b>2011</b>	<b>46 CPs applying the amendments to the UN GTR</b>
	<b>Adopted 7 amendments to UN GTRs to update them to the technical progress</b>	<b>Will continue to update the UN GTRs to the technical progress</b>	WP.29	<b>2011</b>	Number of CPs applying United Nations Regulations.

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	Participation of the secretariat at the workshop on regulatory cooperation between members of the WTO Committee for the elimination of technical barriers to trade (TBT). On 9 November 2011. Countries participating were encouraged to apply the regulations developed by WP.29 and to accede to the 1958 and 1998 Agreements.	Monitor the follow-up of the participation of the secretariat to WTO Committee for the elimination of technical barriers	WP.29	2011–2020	Number of <b>new</b> CPs applying United Nations Regulations.
Actions from Regional Economic Integration Organizations (REIO) / CPs to replace regional legislations with United Nations Regulations/United Nations GTRs	Commission Regulation (EU) No. 407/2011 of 27 April 2011 includes 62 UN Regulations into Annex IV to Regulation (EC) No. 661/2009, concerning type-approval requirements for the general safety of motor vehicles, which lists the United Nations Regulations that apply on a compulsory basis.	Monitor the follow-up of the entry into force of the EU Regulation	WP.29	2011–2020	Number of <b>new Directives replaced by</b> United Nations Regulations.  <b>(Around 54 Directives replaced)</b>
Passive and Active Safety	Drafted and Adopted United Nations Regulations and United Nations Global Technical Regulations on: child restraints systems, whiplash injury prevention, frontal/lateral/rear crash protection, safety-belts and their anchorages, protection against electric shocks in electric and hybrid vehicles.	Will draft and adopt a new United Nations Regulation on child restraint systems to improve child protection.	WP.29	2012	Number of CPs applying the United Nations Regulation.

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	UN Regulations passed on Passive Safety (crash worthiness), Safety belts: 1970, Protective helmets: 1972, Child Restraint Systems (CRS): 1981, Frontal and lateral crash tests: 1995, Pedestrian safety: 2008, Hybrid and Electric safety: 2010	Will amend current United Nations Regulation and United Nations GTR on head restraints to introduce new provisions to reduce whiplash injuries.	WP.29	2012	Number of CPs applying the United Nations Regulation.
		Will adopt new United Nations Regulation/United Nations GTR and amend existing ones to improve safety of electric/hybrid/hydrogen vehicles.	WP.29	2012	Number of CPs applying the new United Nations Regulation.
		Will develop amendments to the United Nations Regulation on frontal collision with particular attention on protecting older occupants, female occupants and also focus on optimizing vehicles' structural interaction to improve self protection and partner protection.	WP.29	2014	Still pending endorsement of this activity of GRSP and WP.29 – Amendments adopted.
		Will establish new Regulations on: Child Restrain Systems (2012), Pole side test (2012), Hydrogen & Fuel Cell vehicles (HFCV) safety (2012), Harmonization of dummies (2013), Crash compatibility (2015).	WP.29	2012–2015	Number of CPs applying the United Nations Regulations.

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Vehicle Design (Develop technical provisions on the construction of vehicles and their equipment)	Drafted technical prescriptions on the burning behaviour parameters of materials used for buses and coaches.	Will apply Regulation No. 107 on Improve the fire safety level in buses and coaches.	WP.29	2 years for new buses and coaches	Number of countries applying Regulation No. 118/04
-	Drafted technical prescriptions on superstructure of buses and coaches.	Will apply Regulation No. 107 ensuring accessible seats for persons of reduced mobility.	WP.29	3 to 4 years for new buses and coaches	Number of countries applying Regulation No. 107/04
-	Drafted technical prescriptions on indirect vision systems (mirrors & camera monitoring) in trucks and buses.	Will apply Regulation No. 46 for camera monitor systems replacing all mirrors in vehicles.	WP.29	2 years for new vehicles	Number of countries applying Regulation No. 46/03
Vehicle Design (con't.)	Drafted technical prescriptions for vehicle's safety glazing materials including plastics.	Will apply Regulation No. 43 to reduced burn rate for rigid plastic panes.	WP.29	2 years for new vehicles	Number of countries applying Regulation No. 43/04
Quiet Road Transport Vehicles (QRTV)	Drafted a first set of guidelines to be adopted on technical aspects QRTV of (inserted into the R.E.3).	Will adopt new United Nations GTR to ensure electric and hybrid vehicles audibility.	WP.29	2012–2013	Number of countries applying the United Nations Regulation.
Periodical Technical Inspections Convention (1997)	Adopted of a new rule on roadworthiness.		WP.29	2012	Number of capacity-building workshops conducted.
-	Introduced safety Regulation Annex to the Agreement.	-	WP.29	2012–2013	Successful introduction of safety Regulation Annex to the Agreement.



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<b>OBJECTIVE 5: Make Technologies Work for Safer Mobility</b>					
Innovation – ITS	Developed an ITS Strategy (Road Map).	Will promote ITS solutions to increase Road Safety	Secretariat, WP.1, SC.1, WP.5, WP.15, WP.24, WP.29	2011–2020	Published ITS Strategy Package: Background Paper, Strategic Note, Road Map. The ITS Road Map is implemented.
-	Updated existing regulations and create new ones to boost ITS solutions for <b>Vehicle</b> Safety.	Will conduct capacity-building workshops.	WP.29	2011–2020	Number of capacity-building workshops conducted.
-	Addressed issues related to ADAS systems through cooperation of WP.1 and WP.29.	Will conduct workshops to address issues and will make recommendations.	WP.1, WP.29	2011–2015	Amendment to 1968 Convention on Road Traffic.