

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.29-158-04 distributed during the 158th session of the World Forum For Harmonization of Vehicle Regulation. The modifications to the text of WP.29-158-04 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	<p>Monitoring the implementation of the United Nations Road Safety Conventions and Agreements:</p> <p>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 (51 CPs);</p> <p>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, (34 CPs);</p>	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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	1997 Agreement concerning the Adoption of Uniform Conditions for Periodical Technical Inspections of Wheeled Vehicles and the Reciprocal Recognition of Such Inspections (12 CP);				
	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.	Will be extended the the scope of UN Rule Nos. 1 and 2 to cover vehicles of categories M ₁ , N ₁ and O ₁ making the Agreement more useful for emerging economies and for those countries not having a periodical technical inspection (PTI) system.	WP.29	2011-2020	Number of new CPs acceding the Agreement and/or applying the UN Rules applied by 12 CPs
	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.

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OBJECTIVE 2: Protect Road Users					
Protecting Vulnerable Road Users	Adopted on 25 June 2014 new biofidelic test tools in the UN Regulation No. 127 on pedestrian safety	Will adopt 2015 new biofidelic test tools in the UN GTR No. 9 to design vehicles to be more pedestrian friendly.	WP.29	2011-2020	Number of new countries applying UN Regulation/UN GTR (51 CPs applying UN Regulation No. 127/ 4 CPs applying UN GTR No. 9)
	Commissioned a discussion paper highlighting the benefits of the correct use of helmets and their specific construction (UN Regulation No. 22) for full head coverage to minimize impact in case of an accident.	Ongoing	WP. 29	2015	Number of new countries applying UN Regulation No. 22. (42 CPs applying UN Regulation No. 22)
	Paid special attention to safe mobility and elderly road users by adopting provisions in UN 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 UN Regulation No. 16 (46 CPs applying UN Regulation No. 16)

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OBJECTIVE 3: Make Vehicles Safer					
Encourage member States to apply and promulgate motor vehicle safety Regulations as developed by the United Nations' World Forum for the Harmonization of Vehicle Regulations (WP.29)	With the adoption of [2] UN GTRs and 2 UN Regulations the total number is [136] UN Regulations and [16] UN GTRs.	Will develop new UN Regulations, UN GTRs and amendments on vehicle safety	WP.29	2013–2014	Number of CPs applying UN Regulations. 1 new CP to the 1958 and 1998 (51 CPs 1958 Ag; 34 CPs 1998 Ag.)
	Adopted on 14 March 2012 the new UN Regulation No. 128 on Light Emitting Diode (LED). Through this new UN Regulation active safety (lighting vehicle system) will be more efficient and responsive in road traffic.	Will handover LED technologies to all vehicle lighting and light-signaling system	WP.29	2012–2020	Number of CPs applying UN Regulations. (50 CPs applying the UN Regulation)
	Adopted on 17 November 2011 a new UN GTR No. 12 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. UN Regulation No. 121 was aligned with UN GTR No. 12.	Will handover the requirements of the UN GTR into corresponding UN Regulation.	WP.29	2011-2020	Number of CPs applying United Nations Regulations (49 CPs applying the UN Regulation No. 121; 3 CPs applying the UN GTR No. 12)
	Adopted in 2014, [71]¹ amendments to UN Regulations to update them to the technical progress	Will continue to update the UN Regulations to the	WP.29	2014	[51] CPs applying the amendments to the UN Regulations

¹ November 2014 data based on proposals for amendments.

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		technical progress			
	Improve active safety of motorcycles	Will continue to update the UN GTR No. 3 and UN Regulation No. 78 on braking systems to the technical progress	WP.29	2015	Number of CPs applying United Nations Regulations. (43 CPs applying the UN Regulation No. 78; 7 CPs applying the UN GTR No. 3);
	Participation of the secretariat at the workshop on regulatory cooperation between members of the WTO Committee for the elimination to 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 new CPs applying UN 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 UN 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 new Directives replaced by UN Regulations. (Around 54 Directives replaced)

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Passive and Active Safety	Drafted and Adopted UN Regulations and UN GTR 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 extend the scope of the existing UN Regulation No. 100 on battery electric vehicle safety to mopeds/motorcycles (L category). Will finalize a UN GTR on Electric Vehicle safety	WP.29	2015	Number of CPs applying the UN Regulations and UN GTR (45 CPs applying the UN Regulation No. 100);
	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 UN Regulation and UN GTR on head restraints to introduce new provisions to reduce whiplash injuries.	WP.29	2015	Number of CPs applying the UN Regulations.
	Adopted UN Regulation on Enhanced Child Restraint Systems No. 129 on 15 November 2012 introducing new provisions on lateral impact and anti-rotation movements.	Will extend the scope of this Regulation to non-integral Child Restraint Systems ("Universal Booster" or "Specific to vehicle Booster").	WP.29	2015	Number of CPs applying the new United Nations Regulation. (50 CPs)
	Adopted on 27 June 2013 UN GTR No. 13 on safety of hybrid/hydrogen vehicles. [Adopted on 12 November 2014 new UN Regulation on safety of hybrid/hydrogen vehicles.]	Will amend current UN GTR/[UN Regulation] to address the performance requirements of containers of any kind (i.e. liquefied hydrogen, cryo-compressed hydrogen (C ₂ H ₂) and harmonized types of crash tests (rear, front	WP.29	2015	Number of CPs applying the new UN GTR/UN Regulation. (1 CP applying UN GTR)

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		and lateral). Will develop amendments to UN Regulation No. 94 on frontal collision and a new UN Regulation with a focus on the restraint system on protecting older occupants, female occupants and also focus on optimizing vehicles' structural interaction to improve self and partner protection.	WP.29	2015	Still pending endorsement of this activity of GRSP and WP.29 – Amendments adopted. Number of CPs applying the UN Regulation No. 94 and the new UN Regulation (39 CPs applying the UN Regulation No. 94)
	Adopted a new UN GTR No. 14 on Pole Side impact on November 2013 [Adopted a new UN Regulation on Pole Side impact on 12 November 2014]	Will establish new UN Regulation on: Child Restrain Systems (2012) , Pole side impact (2014-2015) transposing the UN GTR No. 14, Hydrogen & Fuel Cell vehicles (HFCV) safety (2012), Harmonization of dummies (2015), Crash compatibility (2015).	WP.29	2012–2015	Number of CPs applying the United Nations Regulations and UN GTR.
	Adopted in March 2013 the mandatory fitment of Advanced Emergency Braking System for Coaches and Trucks	Will continue to update the UN Regulations to the technical progress	WP.29	2012-2013	Number of CPs applying the United Nations Regulations

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	Adopted on 9 July 2013 the Lane Departure Warning System (LDWS) for buses, coaches and trucks	Will continue to update the UN Regulations to the technical progress	WP.29	2013-2020	Number of CPs applying the United Nations Regulations
	Adopted on 26 June 2013 the mandatory fitment of AEBS for mini buses and delivery vans	Will continue to update the UN Regulations to the technical progress, a review clause is added into the UN Regulation	WP.29	2013-2020	Number of CPs applying the United Nations Regulations
	Work in progress on Automated Connections between Vehicles (ACV), improving security among Modular Vehicles Combinations (MVC) as supplement of UN Regulation No. 13	Will continue to update the UN Regulations to the technical progress	WP.29	2012-2015	Number of CPs applying the United Nations Regulations
	Adopted in March 2014 provisions for snow tyres effective in severe snow conditions for passenger cars, trucks and buses.	Will continue to update UN Regulations to the technical progress	WP.29	2012-2014	Number of CPs applying the United Nations Regulations
Quiet Road Transport Vehicles (QRTV)	Adopted a first set of guidelines to be adopted on technical aspects QRTV of (inserted into the R.E.3).	Will adopt new UN GTR and UN Regulation to ensure electric and hybrid vehicles audibility.	WP.29	2012–2015	Number of countries applying the United Nations Regulation.

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OBJECTIVE 5: Make Technologies Work for Safer Mobility					
Innovation – ITS	Developed an ITS Strategy (Road Map).	Will conduct capacity-building workshops	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 Vehicle Safety . Organized 2 capacity building workshops: March 2014 Geneva Motorshow and November 2014 in Brussels	Will conduct capacity-building workshops.	WP.29	2011–2020	Number of capacity-building workshops conducted. (2 Capacity buildings workshops: Geneva and Brussels)
-	Addressed issues related to Advanced Driver Assistance Systems (ADAS) systems through cooperation of WP.1 and WP.29. WP.29 adopted an amendment to R.E.3. on ADAS guidelines.	Will conduct workshops to address issues and will make recommendations.	WP.1, WP.29	2011–2015	Amendment to 1968 Convention on Road Traffic.