

## List of priorities of GRs' work for 2023-2024

### Subjects under consideration by the Working Party on Noise and Tyres (GRBP)

GRBP							
N°	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Chair/Initiator	Comments
Priority	Real Driving Additional sound emission Provisions (RD-ASEP)	Real driving sound emissions and the extended work of IWG ASEP such as manipulation-safe active components and software, anti-tampering, ASEP NORESS	UN-R41	IWG RD ASEP	UN-R41 2nd step: <ul style="list-style-type: none"> <li>▪ GRBP-80 (Sept.2024): Informal doc.</li> <li>▪ GRBP-81 (Jan./Feb.2025): Working doc.</li> </ul>	Chair: Germany Secretariat: IMMA	The 2 <sup>nd</sup> step for UN-R41 (L-cat.) still in progress and to be restarted with the group in 2023. NORESS for L3 should be worked in parallel under GRBP.
			RD-ASEP UN-R51		RD-ASEP monitoring: GRBP-80 (Sept.2024): Report	Chair: Germany	Collection of data
					Update of UN-R51: GRBP-83 (Jan./Feb.2026): Working Doc.	Secretariat: OICA	Further work to be started in 2024 after the one-year monitoring period. NORESS for M1/N1 should be worked in parallel under GRBP after the one-year monitoring period in UN-R51 from 2024.

GRBP							
N°	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Chair/Initiator	Comments
Priority	Measurement Uncertainties	Application to UN-R117	UN-R117	IWG MU	GRBP-78 sept 2023 Working doc for UN-R117 (step 1)	Chair : Norway  Secretariat : OICA	Target is to introduce MU in relevant documents for all technical services
Priority	Revision of UN-R138 -AVAS	Review of UN-R138 for AVAS (technical, language, consistency, interpretation, operation range) Ensure compatibility/ consistency between UN R138 and Draft UN R51.03 RD-ASEP Ramp-up max. sound level curve under any driving condition to establish a handshake between UN R138 maximum sound and RD-ASEP of UN-R51.	UN-R138 Draft UN-R51-03 (including RD-ASEP)	TF QRTV	<u>1st step:</u> ▪ GRBP-78 (Sept.2023): Informal doc. ▪ GRBP-79 (Jan./Feb.2024): Working doc. <u>2nd step:</u> ▪ GRBP-82 (Sept.2025): Informal doc. ▪ GRBP-83 (Jan./Feb.2026): Working doc.	Chair: Germany  Secretariat OICA	To be considered: - US FMVSS 141 & UN-R138 AVAS. - Review sound specifications & test conditions. - ISO 16254 Technical results expected  2 <sup>nd</sup> step switched to IWG RD-ASEP from UN-R51.
Priority	Wet Grip on Worn Tyres (WGWT)	Additional prescriptions regarding performances on Wet Grip of Worn Tyres to be added in UN-R117.	UN-R117	IWG WGWT	▪ GRBP-79 (Feb.2024): Informal document ▪ GRBP-80 (Sept. 24): Working document.  ▪ GRBP-82 (Sept.2025): Informal doc  ▪ GRBP -83 (Jan./Feb. 2026) Working document	Co-Chairs: France & EC  Secretariat: ETRTO	Test precision improvement on water depth measurement  Test precision procedure

<i>GRBP</i>							
<i>N°</i>	<i>Title</i>	<i>Tasks / Deliverables</i>	<i>References</i>	<i>Allocations / IWGs</i>	<i>Timeline</i>	<i>Chair/Initiator</i>	<i>Comments</i>
Priority	Tyre Abrasion	Microplastics from tyres, including: Method for rating tyres based on their abrasion performance. Enabling the quantification of microplastic emissions from tyres. Investigating correlation between abrasion rate and durability of tyres.	Current regulation or new regulation	Task Force TF-TA (in cooperation with GRPE)	<p>For C1 tyres</p> <ul style="list-style-type: none"> <li>▪ <a href="#">GRBP-78 (Sept.2023)</a> Informal doc. with test methods description (status report to 89<sup>th</sup> GRPE in June 2023).</li> <li>▪ <a href="#">GRBP-79 (Jan./Fev.2024)</a> Working doc. with test methods description (submitted for feedback to the 90th GRPE in January 2024).</li> <li>▪ <a href="#">GRBP-81 (Jan-Feb.2025)</a> Informal doc. With characterization of “relative mileage potential calculated performance” (status report to GRPE-92).</li> <li>▪ <a href="#">GRBP-82 (Sept.2025)</a> Working doc. with tyre abrasion limits (submitted for feedback to the GRPE-93).</li> </ul> <p>For C2 tyres</p> <ul style="list-style-type: none"> <li>▪ <a href="#">GRBP-82 (Sept.2025)</a> Informal doc. with test methods description (status report to GRPE-93).</li> <li>▪ <a href="#">GRBP-83 (Jan./Fev.2026)</a> Working doc. with test methods description (submitted for feedback to GRPE-94).</li> <li>▪ <a href="#">GRBP-86 (Sept.2027)</a></li> </ul>	<p>Co-Chairs: EC &amp; France</p> <p>Secretariat: ETRTO</p>	<p>C1</p> <p>Taken into account through (EU) 2020/740 Regulation.</p> <p>Introduction in current UN regulations and/or new regulation under GRBP?</p> <p>Market assessment and threshold definition in a later step.</p> <p>C2, C3 at a later stage</p> <p>The feasibility of characterizing tyres with respect to their “relative mileage potential calculated performance” e.g. through an abrasion-based index will be evaluated by TFTA</p> <p>For C2 tyres, should the test method established for C1 tyres proves to be suitable also for C2 tyres, or a subset (e.g. LI separation at LI 107), the defined deadlines will be advanced by one year. The proposed timeline for C2 tyres will be discussed again by the end</p>

GRBP							
N°	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Chair/Initiator	Comments
					Working doc. with tyre abrasion limits (submitted for feedback to the GRPE-97).  For C3 tyres ▪ <a href="#">GRBP-84 (Sept.2026)</a> Informal doc. with test methods description (status report to GRPE-95). ▪ <a href="#">GRBP-83 (Jan./Fev.2027)</a> Working doc. with test methods description (submitted for feedback to GRPE-96). ▪ <a href="#">GRBP-86 (Sept.2029)</a> Working doc. with tyre abrasion limits (submitted for feedback to the GRPE-101).		of 2024 when more data will become available.
Priority	Special Interest Group on Autonomous vehicles	Recommendations for optimizing the relevant GRBP regulations	GRBP-77-19 GRBP UN-R	TF-AVRS	GRBP-78 (Sept.2023): Report  GRBP-80 (Sept.2024): Informal doc. (Status report)	Chair: NL  Secretary: OICA	
Recurrent	Exterior Acoustic Signalling	Update of UN-R28, 138, 165 (including definitions, specifications, communication form, application of UI, ...) with cross-references to acoustic & relevant non-acoustic UN-R	UN-R28, UN-R97, UN-R138, UN-R165, EU-NCAP Roadmap 2025	GRBP	GRBP-79: Jan/Fevr.2024) : Report  GRBP-80: (Sept. 2024): Informal doc. (Status report)	OICA	EU-NCAP with plan for 'child presence' inside the car. See WP 29 report Sound outside of the vehicles.  Additional sounds may be expected in the future especially coming from automatic driven vehicles.

<i>GRBP</i>							
<i>N°</i>	<i>Title</i>	<i>Tasks / Deliverables</i>	<i>References</i>	<i>Allocations / IWGs</i>	<i>Timeline</i>	<i>Chair/Initiator</i>	<i>Comments</i>
Recurrent	Small group on retreated tyres regulations	To amend UN R108 and R109 by addressing the provisions for snow tyre for use in severe snow conditions in a new UN Regulation	UN R108 UN R109	GRBP	GRBP 78 (September 2023): Informal Doc. GRBP 79 (Jan./Feb. 2024): Working Doc.	ETRTO	new UN Regulation
Recurrent	Reference test track	Influence of surfaces on real sound emissions of the vehicles vs. ISO test track for exchange of information	All regulations concerned	GRBP			To take into account the test surfaces and see how to manage these road surfaces. Other parties are invited to be involved in this topic.