

Status report to 76th session of GRBP (September 2022)

Task Force Vehicles' Sound
(TF-VS)

NB: previous name of this TF was TF-SL for Sound Limits

TF Vehicles' Sound

Reminder

- “The experts from EC, ETRTO and OICA reported on their studies on sound level limits (GRBP-73-23, GRBP-73-11 and GRBP-73-25, respectively). To coordinate such initiatives, GRBP decided to establish a taskforce (TF) and sought a volunteer among the experts from Contracting Parties to take the leadership of TF, while OICA agreed to act as secretary. GRBP considered that **TF should address the sound level limits** of UN Regulation No. 51 and, at a later stage, No. 41. To kick-off the TF activities without delay, the Chair pointed out that he could take the lead of TF on a temporary basis, if needed.”

Roles

- Chair: France
- Secretariat: OICA

TF-VS homepage

[Task Force on Sound Limits \(TF SL\) - Transport - Vehicle Regulations - UNECE Wiki](#)

TF Sound Limits / Vehicles' Sound: Facts and Figures

Meetings were held in hybrid or virtual depending on the pandemic situation at that time



10

Number of Meetings

-
- 01st TF SL: March 24, 2021 (TFSL-01-07)
 - 02nd TF SL: May 26, 2021 (TFSL-02-12)
 - 03rd TF SL: July 12-13, 2021 (TFSL-03-08)
 - 04th TF **VS**: September 13-14, 2021 (TFVS-04-16)
 - 05th TF VS: October 26-27, 2021 (TFVS-05-07)
 - 06th TF VS: December 17, 2021 (TFVS-06-04)
 - 07th TF VS: February 07, 2022 (TFVS-07-15)
 - 08th TF VS: April 04, 2022 (TFVS-08-10)
 - 09th TF VS: May 24, 2022 (TFVS-09-08)
 - 10th TF VS: July 12, 2022 (TFVS-10-08 *in progress*)



~60-70

**Participants
(Contracting Parties, NGOs, Guests)**

-
- **CPS:**
China, European Commission, France, Germany, India, Italy, Japan, Spain, Switzerland, The Netherlands, United Kingdom
 - **NGO's:**
CLEPA, ETRTO, EUWA, IMMA, ISO, OICA
 - **GUESTS:**
Aristotle University, ATEEL, BRUITPARIF, FEDRO, FEV, HS Data analysis & Consultancy, IDIADA, JARI, TNO, **Brussels Env., ...**

TF Sound Limits / Vehicles' Sound: Facts and Figures



Other Meetings **SUBGROUP on Cross-matrix**

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- 01st Subgroup: October 26, 2021
 - 06th TF VS: December 17, 2021 (TFVS-06-04)
 - 02nd Subgroup: January 19, 2022 ([UNECE Website](#))
 - 03rd Subgroup: February 03, 2022 ([UNECE Website](#))
 - 04th Subgroup: March 31, 2022 ([UNECE Website](#))
 - 05th Subgroup: April 22, 2022 ([UNECE website](#))



~15-20

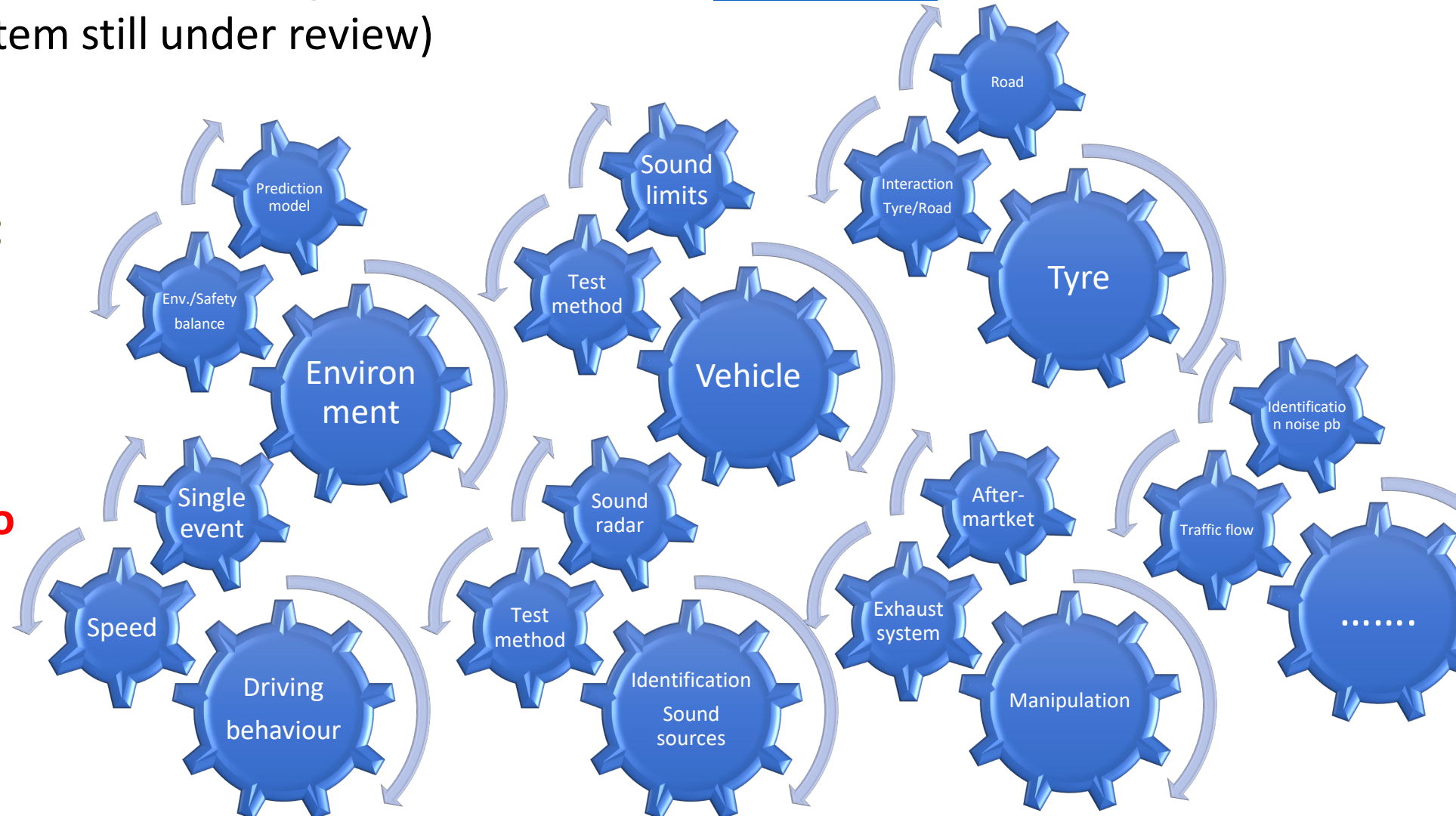
Volunteers (Contracting Parties, NGOs, Guests)

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- **CPs:**
China, European Commission, France, Germany, Japan, The Netherlands, United Kingdom
 - **NGO's:**
ETRTO, IMMA, ISO, OICA

TF Sound Limits / Vehicles' Sound: Presentations

Table of Presentations done during the 10 Sessions → [TFVS-11-07](#)
(classification per item still under review)

A lot of interdependency between the different parameters
→ Need for a holistic approach
→ **Study(ies) & evidence associated to a technical report needed before any new decisions**



TF VS – in addition to the discussions to be continued, main works done & ongoing

Guidelines of this Task Force:

- From 1st discussions at the 01st Session, a subgroup was decided to build a proposal
- The proposal has been approved at the 03rd Session & updated at the 04th session
 - Change of the name of this TF from TF-SL (Sound limit) to TF-VS (Vehicle Sound)



Informal document
GRBP-74-03 Rev.1

Need to identify where the noise issues lie e.g. through a cross-matrix to get a reference scenario as close as possible of real life

On going

- Agreement of the TF group for a subgroup of this TF accordingly
- Volunteers:
 - CPs: EC, France, Germany, The Netherlands, UK, Japan, China
 - NGO: IMMA, OICA, ETRTO, ISO



TFVS-02-07	TFVS-06-03	TFVS-08-06
TFVS-04-14	TFVS-06-05	TFVS-09-06
TFVS-05-06	TFVS-07-05	
TFVS-07-08	TFVS-07-13	

Impact of AVAS (UN-R138) on Noise Emissions (UN-R51) at low speeds

On going

- Thoughts from some Noise experts related to UN-R138 & UN-R51 matching
 - Actions to be defined through the documents related to the UN-R138
- To be followed with the new TF-QRTV (UN-R138-02)



TFVS-04-12
[TF-QRTV \(UN-R138-02\)](#)

TF VS – in addition to the discussions to be continued, main works done & ongoing

Topics still open for the next Sessions:

- EC study on sound level limits of M, N, L categories of vehicles
- analysis & comparison with other studies
- Update of national presentations (EC, Japan, UK, ...) and others (OICA, IMMA, ...)
- Cross-matrix
- **Next steps to be decided**
- ...

On going



To be defined according to the GRBP-76 conclusions

**NEXT 11th Session on the 09th September 2022, 09:30-16:00 (CET)
Hybrid – Palais des Nations, meeting room XXII**

Thank you!