

GOIE on Tyre Noise Level Alignment (TNLA) in UN R117

Status report to 82nd GRBP
(September 2025)

GOIE on Tyre Noise level alignment in UN R117

Targets

For tyres of Class C1 and C2, to reduce the dispersion of the measurements:

- To investigate the feasibility to develop a test method with an SRTT as reference for the Noise Level Alignment;
- To have a comprehensive overview on the test results to be presented to GRBP September 2026 session;
- To propose a Working Document with the evolution of the test method in R117 by February 2027

GOIE TNLA: facts and figures



- Meetings
 - Kick off meeting (online): 18th June 2025
 - 2nd meeting (online): 28th August 2025



- Attendees: **13 test centres** as below
 - Test centres from France, Japan (2), Netherlands, Spain (2) and ETRTO (7)
 - Secretariat by ETRTO

GOIE TNLA: work progress

Work progress

- For tyres of Class C1 and C2
 - To select the tyres and rims, including the reference tyres 15 C1 + 5 C2
 - To select the test vehicles 3 vehicles
 - To define the test parameters (tyre load, tyre pressure)
 - To define data to be collected
 - To follow the R117 test method
 - To define the rules for data sharing
 - To complete the tests by mid-2026 5 tests centres have completed the tests /13
 - To propose a WD by 02/2027

Thank you for your attention!