

IWG FOR ASEP

STATUS REPORT TO GRBP-80 (*SEPTEMBER 2024*)

AFTER THE 4TH IWG RD-ASEP SESSION OF JULY 2024

3X R51 SESSIONS (NOV '23, MAY, JUNE)

4X R41 SESSIONS (NOV '23, APRIL, JUNE, JULY)

NEXT MEETING PLAN 2024

- **28 - 31 October: Berlin**
- **9 - 13 December: Japan (tbc)**

- **All meetings in hybrid form (Face to Face + Remote connection)**

- **IWG RD-ASEP has two parts:**
 - A) RD-ASEP for UN-R51, to develop a mandatory procedure after the monitoring phase**
 - B) RD-ASEP for UN-R41: ASEP second step, to develop stricter ASEP limit curves**

PARTICIPATION

▪ **Officers**

- ✓ Chair: Germany
- ✓ Co-chair: Japan
- ✓ Secretary: OICA (for R51); IMMA (for R41)

▪ **Contracting parties**

- ✓ R51: Japan, India, United Kingdom, European Union, France, Germany, Netherlands, Spain, Switzerland
- ✓ R41: Japan, India, United Kingdom, European Union, France, Germany, Netherlands, Spain, Switzerland

▪ **NGO's**

- ✓ R51: CLEPA, ETO, VTI, WBU, OICA, individual invited experts
- ✓ R41: ETRTO, IMMA, individual invited experts

STATE OF PROGRESS AFTER 3RD SESSION OF IWG RD-ASEP R51

▪ M CATEGORY / R51:

- ✓ RWTH Aachen/FKA demonstration on ASEP and QRTV aspects
- ✓ OICA presentation of draft working documents for incorporation of EV vehicles with external sound systems in R51/ASEP. Feedback provided by contracting parties.
 - [IG-ASEP-03-03](#)
 - [IG-ASEP-03-04](#)
- ✓ UTAC status report ([IG-ASEP-03-07](#))
 - Work package 1 completed, included test campaign on vehicles (old R51.02 vs. new R51.03)
 - Looking to enlarge the database with data outside of Type Approval
- ✓ Assessment of monitoring results will begin when data is available

STATE OF PROGRESS AFTER 4TH SESSION OF IWG RD-ASEP R41

▪ L CATEGORY / R41

✓ Interpretation issues with R41/05 RD-ASEP

Informal proposal at GRBP/80 clarifying:

- Number of test points
- Riding modes
- Speed tolerances

✓ IMMA limit line concept: informal document explaining future R41/06 proposal progress and outlook at GRBP/80.

Remaining issues:

- New logarithmic limit line proposal: some CP's request lower limit (esp. at high Rpm)
- Issues with applying RD-ASEP to vehicles with variable or non-lockable gear ratios

NEXT: GEBP SUBMISSION TARGETS

- **M Category / R51:** ([IG-ASEP-01-02 RD ASEP R51](#))
 - ✓ Informal document: Sept 2025 GRBP/82
 - ✓ Working document: Feb 2026 GRBP/83
 - ✓ Transitional provisions: to be discussed

- **L-category / R41:** ([RDASEP-04-04 R41](#))
 - ✓ Informal document: Sept 2024 GRBP/80
 - ✓ Working document: Feb 2025 GRBP/81
 - ✓ Transitional provisions: to be discussed

Thank you