

Report from the Informal Working Group on Acceleration Control for Pedal Error (ACPE)

- **Discussion items on 1st and 2nd informal meeting**

IWG meeting 1st meeting in web (24, 27 March 2023):

- **Confirmation of TOR**
- **Accident data , existing technologies and state of the art**
- **Discussion items**

Definition of ACPE, Vehicle categories, Collision obstacle

IWG meeting 2nd meeting in web (15, 16, 17 May 2023):

- **Confirmation of accident data**
- **Discussion items (ACPE-02-09r2)**

Definition of ACPE, Vehicle categories, Collision obstacle, Requirements, Distance from obstacle, Velocity (e.g. below 10km/h), AEBS interaction, Control strategies (e.g. activation, deactivation), Trigger (e.g. after collision, after Risk Mitigation Function), Confirmation of consistency with Vienna convention and Geneva convention

- **Definition of ACPE**

ACPE is a system to control an unintended acceleration when a [potential] pedal error is detected

- **Vehicle categories**

Group agreed to apply M1 category, and N1 continue to discuss in the next IWG. About the vehicle of M3 Class I, IWG will make a decision at the end to potentially open the scope for voluntary approvals if requested by the OEM, provided the M1 / [N1] requirements would directly fit to this category.

- **Requirements**

System can prevent unintended acceleration.

- **Velocity**

0 - [30] km/h, Need further investigation on technology feasibility and test method

Schedule of meetings:

IWG meetings 3rd meeting in BAST (Germany)

19, 20, 21 September 2023

(Start at 13.00 pm on 19th September)

We will fix the schedule of 4th IWG on the end of July.

IWG meetings 4th meeting in Tokyo (Japan)

21, 22, 24 November 2023

**Thank you
for your attention**