

# Research Coordination (1)

- ACPE-GTR IWG has the mandate to investigate the state of the art of ACPE in order to assess whether it is feasible to expand the activation condition of ACPE as prescribed Regulation R175-01
- Necessary according to accident findings from several CPs
- Possible fields to investigate by vehicle test:
  - Activation ranges (currently: 1 – 1.5 m)
  - Pedal application (currently:  $\geq 400^\circ/\text{s}$  over 70% of pedal travel, and at least at the 90% accelerator control applied position)

# Research Coordination (2)

- Focus of research on the state of the art
- Suggested ACPE performance test results per vehicle:
  - Activation at [2, 2.5, 3, ...] m: yes/no
  - Activation at [350, 300, 250, 200, ...] %/s: yes/no
  - Activation against a wall obstacle: yes / no (describe wall dimension and material construction)
- As many as possible vehicles should be investigated
- Priority of other research questions in ACPE-GTR-02-11: lower