CLEPA Position on:

**Advanced Emergency Braking System (AEBS)**

- **Scope**: mandatory for
  - HDV: M2, M3, N2 and N3 with EVSC
  - PC: M1 and N1

- **Amendment of**
  - HDV: R13 (braking)
  - PC: R13H (braking)

- **Functional requirements**
  - HDV: warning & autonomous braking mandatory
  - PC: warning & brake support function mandatory
  - Autonomous braking optional

- **Speed range**
  - Between 20-130 km/h mandatory
  - Outside this range optional

- **Detection capabilities: reaction to**
  - Moving and stopped vehicles mandatory
  - Stationary vehicles, motorcycles and pedestrians optional

- **Failure warning**
  - Failure warning & non-failure loss of functionality indicators mandatory

- **Switch-off**
  - Driver shall not be able to switch off manually

- **Override**
  - Driver shall always be able to override

**Lane Departure Warning System (LDWS)**

- **Scope**: mandatory for all vehicles (M & N)
  - Exemption of special purpose vehicles TBD

- **Amendment of R79 (steering)**

- **Functional requirements**
  - Lane warning mandatory
  - Lane keeping optional

- **Speed range**
  - Between 60-130 km/h mandatory
  - Outside this range optional

- **Detection capabilities: reaction when**
  - Maximum 0.3 m outside of the lane marking

- **Failure warning**
  - Failure warning & non-failure loss of functionality indicators mandatory

- **Switch-off**
  - Driver shall be able to switch off manually
  - Automatic default to ‘ON’ at start-up