

## On our way to the self-driving car

These days, cars only assist us. However, they will soon drive autonomously and probably need no driver at all in the future. Important for consumers, below are the 3 operating modes on our blazing the way to autonomous driving.



### **Assisted driving**

- The driver is responsible for driving at all times.
- The driver may pursue admissible activities other than driving while he/she is in permanent control of the vehicle.
- The driver must keep his/her eyes on the road.
- To the extent possible, the vehicle keeps the lane, brakes and accelerates. But: there is no mandatory feedback, and the assist feature can be aborted at any time.
- The driver is liable for traffic offences and accidents.



### **Automated driving**

- The vehicle drives autonomously only in the situation defined by the manufacturer
- (e.g. stop-and-go driving in traffic jams).
- The driver may temporarily take his/her attention off driving and the road. He/she may pursue other activities.
- At the system's request, the driver must take control without delay.
- The driver is liable only if he/she ignored the request to assume control.



### **Autonomous driving**

- By deciding to relinquish full control of the vehicle, the driver becomes a passenger. It is conceivable that the vehicle travels with no occupants at all.
- It is possible to allow the car to operate autonomously on defined routes only.
- The system autonomously handles dangerous driving situations.
- Those operating the vehicle must permanently monitor it to be able to respond to any disruption (tyre puncture, etc.).
- It may still be possible to seamlessly shift to manual mode (e.g. when leaving the motorway).
- There is no liability on the part of passengers.

