

Intelligent Drive in the all-new S-Class

Active Steering Assist

- Active Lane Change Assist
- Active Emergency Stop Assist
- Emergency corridor function

Traffic Sign Assist

- ✓ Wrong-way warning function
- Stop sign warning function
- Red light warning function

Active Blind Spot Assist

<u>▲ with vehicle exit warning function | Active ambient lighting | MBUX Interior Assist</u>

Preinstallation for INTELLIGENT PARK PILOT

Parking Package with 360°-Camera

✓ with 3D view

Active **Brake** Assist

with vehicle- | pedestrian- | bicycle detection

- with congestion emergency braking function
- with turning manoeuver function



Active Parking Assist

- ✓ with PARKTRONIC
- with collision detection

ATTENTION ASSIST

micro sleep detection

PRE-SAFE® Sound

PRE-SAFE® PLUS

Car-to-X Communication

Evasive Steering Assist

Active Lane Keeping Assist

Active Distance Assist DISTRONIC

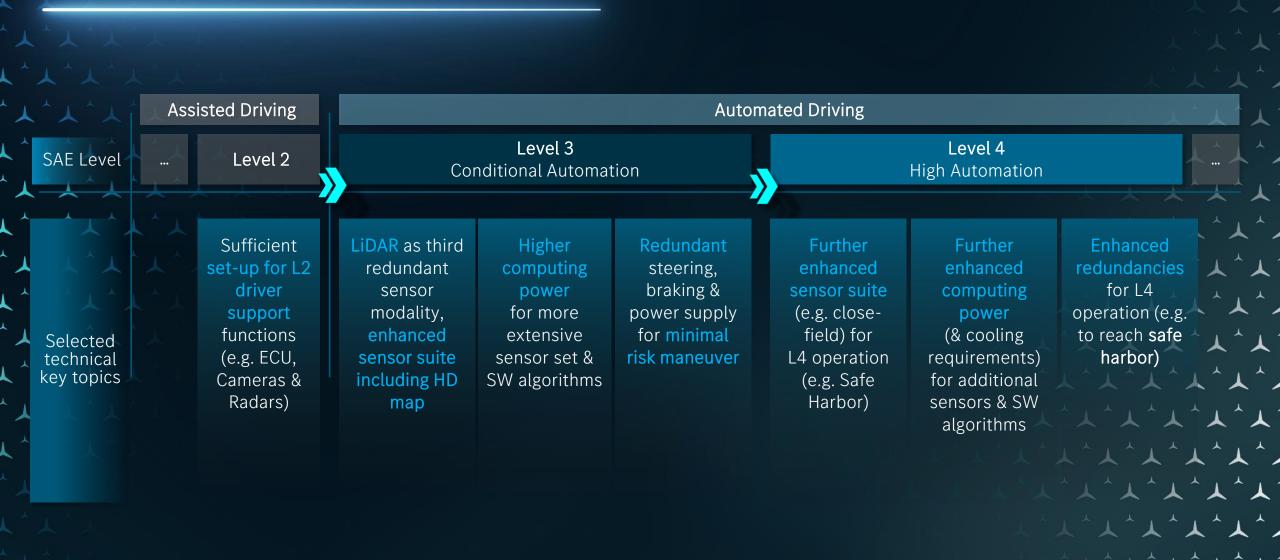
- ✓ with end of traffic jam function
- Active Stop-and-Go Assist

DIGITAL LIGHT

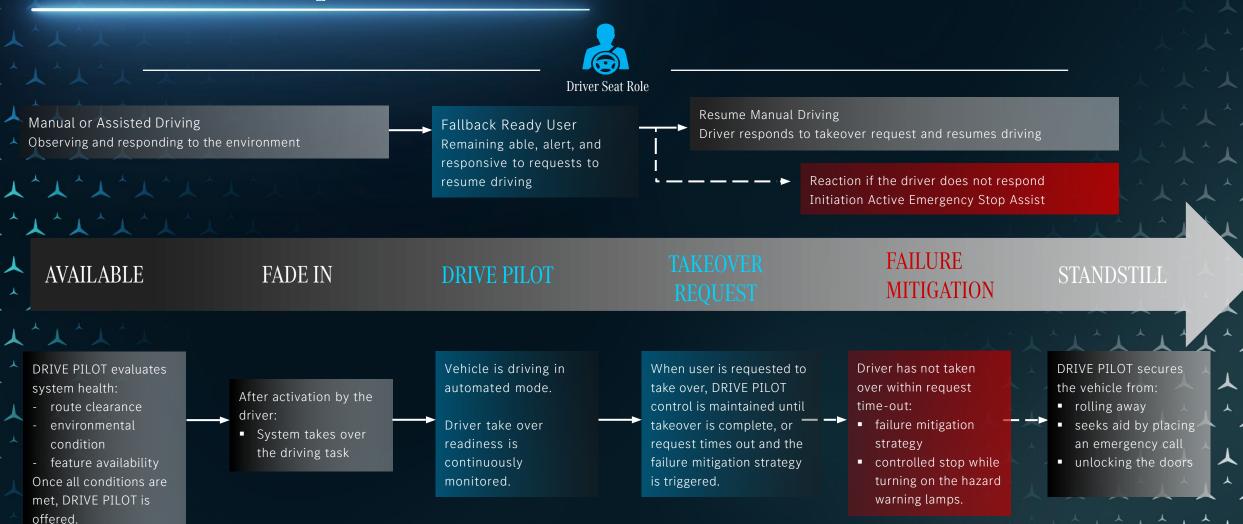
- ▲ Adaptive Highbeam Assist Plus
- ✓ ULTRA RANGE High Beam
- ✓ with projection function

✓ with E-ACTIVE BODY CONTROL.

From Level 2 to Level 4



Functional description of DRIVE PILOT



DRIVE PILOT Tasks



General design rules of DRIVE PILOT

The "Operational Design Domain" (ODD) comprises the geographical area and conditions under which an automated driving system feature, such as DRIVE PILOT, is designed to operate.

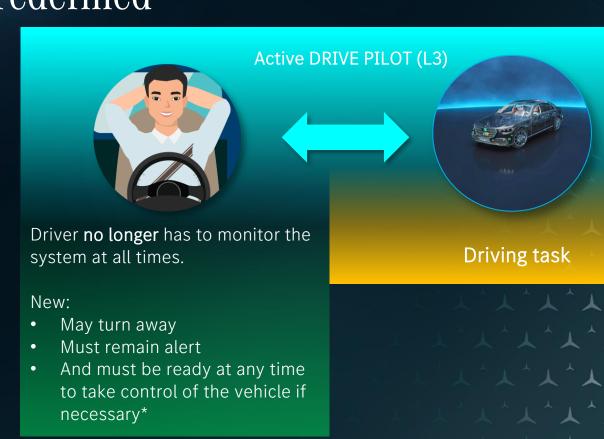
- Road type
- Specific speed
- Machine-detectable lane markings
- The absence of tunnels, toll booths and traffic control devices (stop signs, traffic lights, etc.)
- Legal in the country where the car is driven

Mercedes-Benz aims to continually expand the ODD of DRIVE PILOT.



When the DRIVE PILOT is active, the division of tasks between vehicle and driver is redefined





*In Germany, the driver must be ready at any time to take control of the vehicle when prompted to do so by the system or due to obvious circumstances.



How we bring innovations in automated driving to the road in accordance with law and ethics

Establishing general guidelines and benchmarks for automated driving

Defining requirements for automated vehicles holistically

Deciding on the technical design of DRIVE PILOT



