

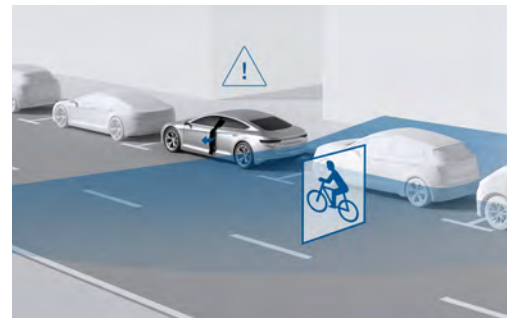
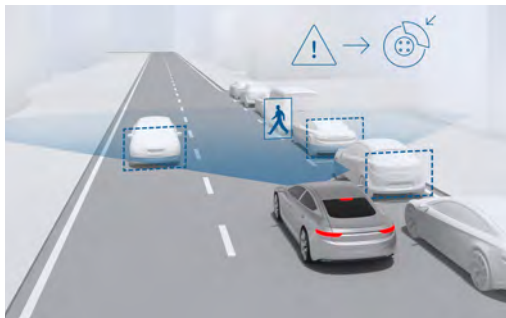
Driver assistance systems for the city

Safely navigating the urban jungle



Automated mobility

Driver assistance systems for urban mobility



up to
43%

of accidents involving cars and cyclists can be avoided or at the least reduced in severity*.

60 kph

is the speed up to which the system can initiate an automatic emergency stop to avoid cyclists and pedestrians.

* in Germany, if every car would be equipped with automated emergency braking on cyclists; Bosch Unfallforschung

- ▶ Bosch develops driver assistance systems, that avoid accidents in urban traffic involving cyclists and pedestrians or at the least reduce their severity.
- ▶ Automatic emergency braking on cyclists employs surround sensors to detect cyclists alongside and ahead of the vehicle and initiates a full emergency stop when required.
- ▶ Car exit warning detects road users coming up from behind within a 20-meter radius. In case of danger, optical and acoustic signals provide a warning that prevents drivers and their passengers from opening the door.
- ▶ Using video and radar sensors, the predictive pedestrian protection system warns of the risk of collision with pedestrians, initiating a full emergency stop if the driver does not react in time.