Community-based parking –
the connected solution that helps you find
a parking space quickly and efficiently

BOSCH
Invented for life

1 Identification using sensors
Vehicles use their on-board sensors to identify potential parking spaces at the side of the road as they drive by and then send this data in anonymized form to the cloud.

2 Processing in the cloud
The collected data is processed in the cloud. Algorithms use it to generate information in real time for digital parking services that help drivers find a parking space.

3 Navigation to the parking space
Drivers are guided directly to the nearest available parking space. This reduces stress, saves time and fuel, and is kinder to the environment.

4 Information displayed in the vehicle
The parking information is displayed via the navigation system directly on the vehicle's HMI. The search criteria can be tailored to the vehicle attributes and the personal preferences of the driver.

5 Finding special parking spaces
Using search criteria tailored to the vehicle attributes and driver's personal preferences, it is possible to display specific types of parking space, like ones for residents, for people with disabilities, or spaces equipped with a charging station.