



Connected driving for more safety
on the roads

Mercedes-Benz



Car- to-X technology is considered central to road safety in the future.

The actors and components of road traffic exchange information about traffic and dangerous situations with each other. Since 2016,

Car-to-X communication has been installed as standard in combination with navigation systems, now it is used in all Mercedes-Benz vehicles. Mercedes Me services are made available to customers via mobile connections, such as the transmission of danger warnings. In order to continue to increase road safety with our technologies, we welcome further development of the regulatory framework for connected driving.

After user approval for data collection in our vehicles, data is made available anonymously to other road users using Car-to-X communication. This data is also used to increase road safety for all parties involved through traffic-related information, for example by optimising winter road maintenance. Together with comprehensive vehicle data from different manufacturers and infrastructure information, traffic information could be made available almost instantaneously via national or European access points.

Mercedes-Benz is convinced that further development of the technology in line with fair and reliable regulatory framework conditions represents a decisive step towards greater road safety, improved traffic flow and increased driving comfort. Mercedes-Benz therefore considers the following aspects to be critical to success for the future of connected driving:

- [Data sharing](#)

In order to exploit the great potential of connected driving, legal framework conditions are required to ensure an open and fair flow of data between all parties involved, as well as appropriate compensation for data provision.

- **Transnational technical standards**

For the further expansion of connected driving, it is helpful to introduce cross-border technical standards for connectivity. In this way, the continuity of services can be ensured without generating expensive and time-consuming duplicate developments. Mercedes-Benz also welcomes joint control and standardisation of national access points in Europe up to a central European access point in order to accelerate the use of networked traffic information services across borders.

- **5G mobile coverage**

A prerequisite for intelligent and networked mobility is 5G mobile coverage on traffic routes and in areas with high traffic volumes, or at least nationwide 4G mobile coverage if 5G coverage is not possible. Accordingly, 5G mobile coverage should be further expanded in order to achieve reliable network coverage.