



Comprehensive charging
infrastructure as a critical success
factor for electromobility

Mercedes-Benz



The availability of charging infrastructure plays a decisive role in the market ramp-up of electromobility. From the point of view of Mercedes-Benz, the European Union (EU) has already set the right course with the binding obligation of the member states to set up public charging points (Regulation on the development of infrastructure for alternative fuels) in Europe. What is important now is an implementation according to the contents of the regulation, supplemented by appropriate monitoring and tracking, as well as conducive framework conditions for the rapid expansion of the charging infrastructure in the EU member states.

To consolidate the [market ramp-up of electric vehicles](#), the boundary conditions must be continuously improved. For customers, the national and international availability of charging infrastructure in the countryside and on main traffic axes is decisive for the use of electric vehicles. This should be taken into account, as the success of electromobility depends essentially on the acceptance of the users.

Mercedes-Benz is contributing to the market ramp-up of electromobility and is therefore demanding future-oriented framework conditions in order to meet the current challenges.

- **Acceleration of approval procedures**

An important measure for quickly expanding the charging infrastructure is an acceleration of the approval procedures. Fast approval of the electrical mains connections in particular is critical to success.

- **Focus on fast charging networks**

The focus of the build-up should be on quick charging stations with high charging capacity. This applies in particular along the freeways, but also for inner-city charging hubs, as the acceptance by the users is particularly high here. Fast charging networks are therefore an important building block for the success of electromobility.

- **EU-wide framework conditions for a customer-oriented ecosystem**

Charging for customers should be simple and convenient. Policies should create appropriate framework conditions for a customer-oriented ecosystem. This includes, but is not limited to, EU-wide roaming, interoperability (i. e. consistent application of technical standards at charging stations and the processes related to charging) and simple payments.

Mercedes-Benz offers customers a large network with numerous charging points and fast charging stations

With MB.CHARGE Public, Mercedes-Benz is providing customers with one of the largest charging networks. Currently it encompasses over 2 million charging points worldwide, more than 800,000 of them in Europe. This also includes IONITY, Europe's leading fast charging network, which is represented in 24 countries and includes over 730 charging hubs in Europe. Mercedes-Benz has also started to build its own global High-Power Charging Network. By 2030, the Group's own fast-charging network will comprise around 10,000 charging points, with the first Mercedes-Benz Charging Hubs going into operation in North America, China and Europe at the end of 2023. Mercedes-Benz also enables its customers to enjoy environmentally friendly charging with 100% green electricity within this charging network.