

# Smart decisions on the pathway to net-zero fleets

Bridgestone Mobility and Chargylize offer a data driven solution for fleet electrification

## THE CHALLENGE

Corporate mobility accounts for a significant share of global CO2 emissions and is therefore one of the biggest levers for CO2 reduction. Electrification of the corporate fleet is an important measure to achieve the goal of CO2 neutrality. However, companies face operational challenges in implementing the strategy that need to be overcome. These include, for example, ensuring operational feasibility as well as achieving acceptance among employees. To make the right electrification decisions, the Chargylize solution enables a simulation of electrification based on the actual driving profiles of Bridgestone Mobility telematics customers.

## THE SOLUTION

In order to make the right decisions when selecting electric vehicles and the company's own charging locations, it is crucial to assess the interaction between electric vehicle, charging infrastructure and driving behavior. The actual driving and parking behavior is collected by Bridgestone Mobility's telematics solution. The transfer to the Chargylize application is done either via a download/upload of the driver's logbook or a direct API connection with a transparent data sharing process. Based on this, the trip sequence of each vehicle is simulated with all available electric vehicle models – taking into account real consumption values as well as locations and power of the charging infrastructure.

## IMPACT

Fleet managers can use Chargylize's solution to identify the vehicles in the fleet for which electrification is possible without restriction. They also receive recommendations on which electric vehicles are best suited for the individual driving profile. The realistic simulation helps to better forecast cost and CO2 effects. More importantly, it creates the necessary acceptance among employees who would otherwise have to bear the consequences of an unplanned electrification strategy. The Chargylize solution is available to Bridgestone Mobility customers in more than 10 EMEA markets.

## CHARGYLIZE

Chargylize's solution is boosting the confidence level for right investment decisions in fleet electrification by simulating the adoption of electric vehicles under real conditions.

Chargylize's solution can be applied in any industry and any size of the company's vehicle fleet.

# Chargylize

## HEADQUARTERS

Germany, Munich

## FOUNDED

2020

## NO. OF EMPLOYEES

1 – 10

## WEBSITE

[chargylize.com](https://chargylize.com)

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## ABOUT STARTUP AUTOBAHN

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations. The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation. Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results. Over the years, the platform has successfully cultivated over 400 projects with more than 300 startups since its founding in 2016.