TIMETABLE
Monday to Friday from 9 am to 4 pm. Times and routes may vary during the test phase.

VEHICLES
Two buses from EasyMile and two from NAVYA, France

DISTANCE
Campus Charité Mitte 1.2 kilometres
Campus Virchow-Klinikum 0.8 and 1.5 kilometres
Ring lines - without start and end stops

SEATING
The buses can reach speeds of up 45 km/h. During the project, they are limited to a maximum 12 km/h.

SPEED
The buses can drive up to 45 km/h. During the project they drive with a maximum speed of 12 km/h.

SAFETY
The vehicles have radar and lidar sensors and are able to detect all obstacles within a given radius. In addition, the buses are passive vehicles and respond very carefully to any potentially dangerous situations.

EMERGENCY STOP
The vehicles are equipped with a clearly marked emergency stop button. The doors can be opened manually at any time. There are also safety mechanisms to prevent persons and objects from becoming caught in the doors.

PROJECT PERIOD
The project as a whole will run for three years, from May 2017 to April 2020.

PROJECT PHASES
- Phase I: January 2018 – March 2018 assisted operation without passengers
- Phase II: April 2018 – December 2018 assisted operation with passengers
- Phase III: January 2019 – April 2020 driverless operation

PARTNER
Charité university hospital in Berlin, the Berliner Verkehrsbetriebe (BVG), and the State of Berlin, represented by the Senate Department for the Environment, Transport, and Climate Protection.

PROTECTION
Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

PASSENGER TRANSPORT
The project is not being run commercially, but as a trial which is free for passengers to use. There is no automatic entitlement to carriage.

INSURANCE
The operator (BVG) is covered with business liability insurance for any damages.
Driverless vehicles: a vision of the future is becoming reality. Starting in January 2018, automated vehicles powered by electric drive systems will take part in a pilot project at two locations of Berlin’s university hospital – the Mitte campus and the Virchow-Klinikum campus.

The project is a joint effort conducted by the Charité university hospital in Berlin, the Berliner Verkehrsbetriebe (BVG), and the State of Berlin, represented by the Senate Department for the Environment, Transport, and Climate Protection. It is funded by the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU).

The aim of the project is to explore user take-up of driverless vehicles, test the technology and its operation, develop ideas for the use of these vehicles, and help to protect the climate and the environment. The two Charité sites, with their different pedestrian, vehicle, and bicycle flows represent ideal testing grounds for this purpose.

The Charité Institute of Medical Sociology and Rehabilitation Science and the Senate Department will conduct a user acceptance survey as part of the joint project. The results will be published at regular ongoing intervals. Find out more about the project at the following website:

www.wir-fahren-zukunft.berlin