



DIGITAL PUBLIC TRANSPORT

Autonomous on-demand mobility successfully tested: EU pilot project in Frankfurt

ioki delivers technology platform for autonomous mobility • Around 2,700 passengers since launch in November 2022 • Groundbreaking insights for autonomous on-demand mobility collected

(Frankfurt, 20th of October) ioki, one of the leading European software companies specialising in digital mobility, provided the technological platform components for the EASYplus project in Frankfurt. Within EASYplus, automated vehicles (AV) have been operating in Frankfurt-Riederwald since November 2022. More than 2,700 passengers used the service for their everyday mobility. With the successful implementation of the ioki technology platform, the software provider is strengthening its presence in the European market for autonomous mobility.

The demand responsive transport technology provided by ioki transmitted the ride requests to the highly automated vehicle system. The passenger app, as well as the pooling and routing algorithms are all powered by ioki. Citizens were able to book the autonomous shuttles flexibly via the RMV Easy app.

Lessons learned on the road to autonomous shared mobility

The operation of EASYplus provided valuable insights for autonomous driving and the use of the corresponding software and artificial intelligence in public transport. The insights will make a decisive contribution to the further development of autonomous mobility in public transport. They can be used to identify requirements for future on-demand services without safety drivers.

Concrete insights gained with EASYplus include the interaction between the vehicles' software systems, by French company Easy Mile, and ioki's on-demand booking app for automated planning and pooling, i.e., connecting ride requests, and optimising routes. In addition, the mobility behavior and evaluations of passengers showed openness to autonomous public transport services. The offer in Frankfurt-Riederwald was perceived very positively by the local people.

EASYplus is part of SHOW (SHared automation Operating models for Worldwide adoption). The EU-funded project aims to support the deployment of shared, connected and electrified automation in urban transport to enhance sustainable urban mobility.



###

About ioki

With over 130 demand-responsive transport services, ioki is one of the leading platform providers for digital on-demand solutions in Europe and market leader in the DACH region. Over 90 per cent of on-demand transport with ioki software complement public transport in suburban or rural regions. Companies, cities and municipalities have relied on our expertise since 2017 to optimise and digitise transport according to demand. These include flagship projects such as ioki Hamburg (now hvv hop) and the Europe-wide largest project for on-demand transport in the Rhine-Main area. As a pioneer for autonomous ride pooling, ioki has been setting milestones for digital and autonomous mobility since its founding – from Germany's first autonomous shuttle bus to the planned world's largest autonomous fleet on demand in public transport. More than 180 employees from more than 20 nations develop equitable and modern mobility solutions for sustainable, attractive local transport from the heart of Europe.

About EASYplus (Electric Autonomous Shuttle for You)

EASYplus is a joint project of the Rhein-Main-Verkehrsverbund (RMV), the Frankfurt public transport company traffiQ, the Verkehrsgesellschaft Frankfurt am Main (VGF) and other project partners. As part of the EASY (Electric Autonomous Shuttle for You) project, RMV has already been investigating the further technical development of autonomous driving and the integration of such services into public transport since 2019 with various project partners, including the software developer ioki, which specialises in digital mobility solutions.

Further information on the project can be found at: www.probefahrt-zukunft.de

Please find the press release by RMV here: <https://www.rmv.de/c/de/informationen-zum-rmv/der-rmv/rmv-aktuell/pilotprojekt-easy-hat-ziel-erreicht>

PR contact:

Xenia Rowley
Senior Communications Manager
+49 152 321 071 44
News@ioki.com
www.ioki.com