

## **ioki study on public transport in Germany: on-demand services strengthen rail, mobility transition and climate protection**

**Flexible on-demand services close gaps in local public transport on the outskirts of cities and in rural areas • On-demand services can reduce car dependency for millions of people • Climate protection potential: up to 10 percent less CO2 emissions in transport • DB uses ioki analyses to support federal states and municipalities in implementing the mobility transition on the ground**

*(Berlin/Frankfurt, 27<sup>th</sup> October 2021)* On-demand services that reinforce existing regular rail and bus services make an important contribution to comprehensive mobility and climate protection. This is the result of a study by Deutsche Bahn (DB) subsidiary ioki, which examined the need for and sustainability of new mobility services in Germany.

The mobility analysis by ioki shows: 27 million Germans living in metropolitan regions and cities have access to very good local public transport. For 55 million Germans who live in the suburbs and in rural areas, the offer is significantly lower. There is a dense network of stops throughout Germany. But less than half of the stops in the countryside are served more than twice an hour. In contrast, 90 per cent of city dwellers have at least one stop per hour. There is also an urban-rural divide in new forms of mobility: More than 90 percent of on-demand services, rental bikes and e-scooters are located in the centres of large cities. Only five percent of municipalities with less than 20,000 inhabitants have at least one on-demand or sharing service.

**Michael Barillère-Scholz, Managing Director of ioki:** "On-demand transport has been proven to promote the mobility revolution. We are demonstrating this in the Hamburg metropolitan region, in Hesse and many other regions in Germany. With flexible shuttle vehicles that are available on demand via app and drive to the next bus or S-Bahn station. This enables us to attract more passengers to public transport. Through our analyses, we also know exactly where and how we can achieve the greatest benefit for passengers and climate protection. In this way, we support federal states, municipalities and companies in the mobility transition on the ground."

### **Attractive public transport on demand reduces dependence on the car**

According to ioki mobility researchers, one in four German households owns more than one car. Almost all of them are in rural areas. To be able to do without their second or third car, these households need an attractive local public transport service as an alternative. A total of 42 million German households owns 12 million second, third or fourth cars. 380,000 on-demand vehicles could replace these cars. 12 million fewer cars - this represents an annual savings potential of around 15 million tonnes of CO2 per year.



This corresponds to 10 per cent of the total CO2 emissions that are emitted annually in Germany in traffic.

**Michael Wurm, Director of Mobility Analytics at ioki**, whose team prepared the study: "Our mobility analytics team has so far conducted about 50 analyses for German transport operators, cities and municipalities. Now, we want to offer this service to customers in other European cities and regions. The identification of actual mobility needs, and service gaps is a key element on the way to a more attractive and optimized public transport system." Comprehensive mobility analyses have already been carried out in Spain and Switzerland, where ioki's digital operating system is already being used for on-demand transport. Further analyses for European customers are to follow in the coming months.

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### **About ioki**

The DB subsidiary ioki is the leading platform provider for driver-based and autonomous on-demand solutions in Europe with over 65 on-demand transports and more than 50 mobility analyses in six European countries. Since 2017, companies, cities and municipalities have relied on ioki's expertise to optimise and digitalise transport according to their individual needs. As a technology partner, ioki develops systems that are fully integrated into the existing public transport system, detailed mobility analyses for a data-based and demand-oriented offer as well as user-friendly platforms. More than 115 employees from over 23 nations work from the headquarters in Frankfurt to connect people and help shape the future of public transport.

### **About Mobility Analytics**

In the spring of 2021, ioki Mobility Analytics investigated not only public transport coverage in Germany, but also mobility services in inner cities and rural areas. Their focus: the potential of pooling, on-demand and sharing offers. With the help of data-based studies, ioki Mobility Analytics creates a well-founded analysis of the current mobility and supply situation for cities, municipalities and transport providers and derives efficient mobility concepts across all modes of transport.

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