

New ways in rural mobility – SHIQ project is rolling out

E-shuttle is to be established in the quarter of the housing association "Glück auf" Ehrenfriedersdorf eG • On-demand traffic that can be precisely routed to the front door • ioki App takes assistance services into account when booking

(Freiberg, 01. December 2020) The FI Freiberg Institut GmbH, the Association of Saxon Housing Cooperatives (VSWG), the housing association "Glück auf" Ehrenfriedersdorf eG, ioki GmbH (a subsidiary of the DB) and BSMRG GmbH (carlundcarla.de) have initiated the project "Shuttle in the district with age-appropriate assistance services" (SHIQ). The project is funded by the Federal Ministry of Economics and Energy in the period from 01.09.2020 - 31.08.2023 with a project volume of 2.4 million EUR and a subsidy amount of 1.4 million EUR.

"Especially in rural areas, a well-functioning public transport connection to the necessary infrastructure as well as additional traffic junctions are important. The development of economically viable mobility services for this area can lastingly ease a tense situation in urban centers", emphasizes project manager Daniel Tittel of the FI Freiberg Institut GmbH.

The goal of the project is to establish an e-shuttle in the neighborhood of the housing association "Glück auf" Ehrenfriedersdorf eG and to combine social assistance services provided by the driver of the shuttle with on-demand mobility that can be precisely routed to the doorstep. At the same time, a high level of punctuality is to be achieved by individually taking into account user-dependent boarding times. The operation of the shuttle also creates incentives for self-determined mobility behavior and helps rural areas to become more attractive for residential space.

By expanding the range of services offered by the housing cooperative in cooperation with its partners, the aim is to increase tenant loyalty and implement a social neighborhood management system with a permanently available contact person - in form of an assistant - for tenants. This will significantly strengthen the rural quarter. In addition, the connection in the region through numerous stops from the categories housing, social affairs, trade, community, leisure, etc. contributes to this.

The SHIQ project will involve many different actors from the municipal sector, mobility, trade, etc. in Ehrenfriedersdorf in order to realize a common sustainable model. The project focuses on the age group 65+. The aim is to increase the mobility and social interaction of this group of tenants and thus enable them to stay in their own homes.



This should also result in an economic benefit. In addition, other target groups, such as children, families or working people, will be examined in the course of the project.

Our intermodal mobility system SHIQ makes living in rural areas attractive. Aspects such as rent increases, urban densification and fine dust pollution can be solved more easily in rural areas. At the same time, impaired people remain mobile for a longer period of time – inpatient care can be postponed to later phases of life. The barrier-free accessibility in public transport required by law until 2022 can also be put into practice by the planned assistant.

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About the FI Freiberg Institut GmbH

The FI Freiberg Institut GmbH is a young technology and software company and develops intelligent solutions in the field of heat, electricity and mobility. It is an innovation partner for its customers and sees itself as a system architect and optimizer by pursuing holistic, sustainable approaches as well as the connection of complex systems and processes. One of its solutions is the optimization platform EDGAR for the holistic evaluation of complex energy systems. With the mobility service SHIQ, the FI Freiberg Institut GmbH is developing an innovative component for neighborhood planning. This enables the holistic calculation and optimization of energy, ecological and economic parameters in the neighborhood of the future.

About the Association of Saxon Housing Cooperatives

The two hundred housing cooperatives organized in the Verband Sächsischer Wohnungsgenossenschaften e. V. (VSWG) are an important factor in the Saxon housing market. With a total of 286,584 residential units, they manage around 19 percent of the total rental housing stock in the Free State of Saxony and thus offer around half a million people a future-proof home. As a company, they generate annual sales revenues of 1.25 billion euros, a share of approximately 1 percent of Saxony's gross domestic product, and are a reliable employer for around 2,500 employees and over 75 trainees and students, while at the same time securing contracts and jobs in many other sectors that support the housing industry. The VSWG is headquartered in the association's house in Dresden and is the statutory auditing association as well as the professional and interest association for the housing cooperatives located in the state of Saxony. Its tasks include information, consulting, and training as well as further education of its members. In addition, the association represents the interests of its members in public.



About the housing cooperative „Glück auf“ Ehrenfriedersdorf eG

The housing cooperative "Glück auf" Ehrenfriedersdorf eG emerged from the AWG of the VEB Panther Schuhfabrik (August 5, 1955) and the AWG of the Zinn- und Spatgruben (February 11, 1957). Today the cooperative owns a total of 469 apartments. Three of them are furnished as guest apartments and one as an office. Most of the apartments are located in the residential areas "Am Frauenberg/Feldstraße and Steinbüschelstraße". The residential areas are located at the upper edge of Ehrenfriedersdorf. The apartments mentioned above are occupied by more than 70 members between 55 and 65 years of age, 185 are over 66 and 15 are over 85.

About the BSMRG GmbH

The BSMRG GmbH offers with its product CarlundCarla.de vans and minibuses for various purposes (moving, excursion, vacation, ...) in carsharing mode. Thus, BSMRG GmbH positions itself between a classic car rental and modern car sharing providers. It approaches its customers especially online and wants to make booking and rental processes as easy as possible for them.

About ioki

ioki develops smart mobility solutions for the future. Whether for transport companies, local authorities or businesses, whether in rural areas or in the city: as an expert for mobility analyses, the Deutsche Bahn subsidiary identifies needs and provides data-based advice for the planning of new services. With the help of its intelligent platform, the DB business unit, as a technology partner, also enables flexible on-demand mobility that is integrated into public transport, thus strengthening public transport in the long term. ioki supports its customers from A to Z: from identifying meaningful areas of use to the development of a user-friendly app to the actual implementation on the road. In this way, mobility becomes accessible for everyone, anytime and anywhere - sustainable, accessible and demand-responsive.

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