Prague’s Brumlovka has the first 100% electric fleet of buses in Prague. Over seven years, the free routes have circumnavigated the world eight times and carried more than 2.5 million passengers

The shuttle service providing a connection between the Budějovická (C) metro station and Brumlovka is 100% electric. Two SOR electric buses have been in operation since February 2016, and a third electric bus started operation in September of this year. The reliable emission-free vehicles have travelled more than 300,000 km in over 7 years, which is equivalent to circumnavigating the world eight times. These are the first free electric buses that have been put into normal operation in Prague’s public transport. Passengers appreciate their quiet and smooth ride and the possibility of connecting to Wi-Fi for free.

*“Electric buses have earned a solid place among passengers between Budějovická and Brumlovka. More than 2.5 million passengers have used them since the start of operations. Our latest survey showed that 58 percent of people heading to Brumlovka use them at least occasionally. 94% of passengers are satisfied with the shuttle service, mainly due to cleanliness, sufficient capacity and intervals of routes. Compared to the time before the introduction of the electric buses, we recorded an increase in satisfaction by almost 20 percentage points. The predominantly positive feedback led us to the full electrification of the route, so we are adding a third electric bus to the September timetable,”* stated **Martina Draper, Customer Relationship Manager & ESG of Passerinvest Group, a.s.**

*“Despite the heavily sloping terrain, the electric buses surprised us in normal operations with their reliability and the minimum difference between their summer and winter range, which is only five percent. Compared to the expected five-year lifespan, the batteries in both electric buses lasted two years longer and we only changed them this spring after 150 thousand kilometres. This was certainly helped by the practice of slow night charging in the garages. We also know from our drivers that the people on electric buses appreciate their quiet operation, smoother starting and stopping, higher acceleration and more flexible driving characteristics,”* listed **Daniel Adamka, CEO of Arriva**.

*“The electric buses at Brumlovka run over 200 kilometres a day and have proven their usefulness and reliability in operation. Zero-emission drive simply belongs in cities and we see it as a natural mission to support their development. Just as we were at the birth of the first free electric buses seven years ago, today, thanks to the 100% electrified fleet, we are setting trends for transport companies across the country together with our partners at Brumlovka. ČEZ Group has been behind the development of electric buses in various forms in public transport in more than a dozen Czech and Moravian cities. Of course, we are also continuing to expand the most powerful Czech network of public charging stations, where drivers on average will fill their car batteries the fastest in the Czech Republic,”* said **Tomáš Dzurilla, Director of Electromobility at ČEZ**.

In 2016, ČEZ became the main partner of the project of Passerinvest Group and Arriva, which deployed the first two electric buses of type SOR EBN 9.5 in the shuttle service on the BB routes in addition to regular buses. The regular contribution to the operation of the electric buses is an expression of ČEZ’s support in the development of electric drive in the Czech Republic as well as the responsibility for the emission-free transportation service to Brumlovka, to which more than 4.5 thousand people travel by mass transit every day. The success and popularity of electric buses among passengers led the “consortium” of operators to replace the third vehicle with an electric bus and thus to the full electrification of the shuttle service in Brumlovka.

**ČEZ Group** has been active in the development of electromobility since 2009. Its primary activity from the very beginning was the construction and operation of public charging stations. Today it has a much wider scope, including the servicing of customers from the retail segment (ČEZ Prodej) and the service for clients in the corporate, municipal and regional sectors (ČEZ ESCO). Thus, for example, CEZ Group provides the design and installation of turnkey charging stations, the electrification of automotive fleets, charging platforms, including IT solutions, the rental or sale of electric vehicles and wall boxes and charging cables. For local governments, ČEZ offers the implementation and operation of charging stations for electric buses and the design of an electromobility concept in individual cities and regions. For more information, see the [Map of charging stations | Electromobility.cz](https://www.elektromobilita.cz/cs/mapa-dobijecich-stanic)

**Passerinvest Group**

Passerinvest Group (hereinafter Passerinvest) is a purely Czech builder and investor. The company was founded by Radim Passer back in 1991 and has since then acquired an abundance of experience in the construction of office and commercial buildings, residential buildings and civic amenities.

Since 1998, Passerinvest, as a responsible urban developer, has primarily been connected with Brumlovka in Prague 4, which is one of the most successful and extensive urban projects not only in the Czech Republic, but throughout all of Europe. Another important project in the company’s portfolio is Nové Roztyly, a brownfield of the former slaughterhouses of the Interlov complex where, in the future, a place with pleasant housing with a large park should arise, complemented by services for the general public and an office function. The principles of urban construction and the long-term sustainable development of Prague and the Czech Republic are part of Passerinvest’s vision. Thanks to its responsible approach, Passerinvest has built a very good reputation both on a domestic and on an international level. This is not only to the credit of the quality of the realised projects and the high level of the provided services, but also to the sense of fair play, a customer approach and also its responsibility to the society and the environment.

**ARRIVA** operates 2000 buses, 38 trolleybuses, and 83 passenger trains in the Czech Republic and employs more than 3500 employees. The total turnover of the group exceeds CZK 7.2 billion. The main activity of the group is bus transportation. ARRIVA holds a leading position on the market of regular passenger bus transport in the Czech Republic. Each year it transports over 115 million passengers. ARRIVA in the Czech Republic is part of the ARRIVA Group, one of the largest transport companies in Europe, which employs 34,000 people and transports more than 1.5 billion passengers annually.

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