

Press Release

e.Volution presents the electric Shuttle META for commuters at the Greentech Festival

Aachen/Berlin, 22 June 2022 – e.Volution GmbH offers a holistic Shuttle System for commuters to reduce traffic at peak times. The system consists of the electric Shuttle META with up to 7 seats, including up to 4 office work stations, an IT booking platform and parking in Mobility-Hubs. Employers subscribe to the shuttle system to let their employees use it for free rides to and from work. The Shuttle META is one of the first Circular Economy vehicles with the technology and modularity to allow components to be replaced and upgraded, significantly increasing its lifetime. The company founded by Professor Günther Schuh now presents the first prototype of its Shuttle META at the Greentech Festival.

Commuter traffic today accounts for about 70% of all urban car trips, with an average of one person per car. The e.Volution Shuttle System is designed to significantly reduce the number of car trips by averaging five people per shuttle, thus significantly reducing trips in rush hour traffic. By operating the shuttles, companies improve their carbon footprint, avoid traffic jams during the commute, and provide their employees with attractive corporate mobility benefits. Depending on the job, travel time can be used as working time. Employers select and incentivize individual employees to take responsibility for each shuttle and to drive other commuters in the mornings and evenings.

e.Volution, along with e.Mobility.Hub GmbH and further partners, provides parking facilities for the shuttles in Mobility-Hubs located at traffic junctions in respective cities. In the future, Mobility-Hubs will be meeting points and offer services as well as other mobility options.

“With our Shuttle META, we are the first to create a series vehicle for the circular economy which will be efficiently renewed and enhanced in regular intervals. This allows the shuttle to reach a service life of several decades. e.Volution aims to become one of the most sustainable mobility systems”, says Professor Günther Schuh, founder and CEO of e.Volution GmbH.

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e.Volution will provide one of the most sustainable mobility systems. The META shuttle has a unique architecture based on an aluminum profile spaceframe and a detachable high-quality thermoplast exterior. This enables the vehicle for Circular Economy, as the Shuttle META can be refurbished and updated in a Re-Assembly Factory about every 5 years. The result is almost four times the service life of a shuttle compared to combustion engine cars. After these 5 years, the Shuttle META's battery modules are transferred to stationary power racks for photovoltaic systems. e.Volution retains long-term responsibility for the shuttles, rents them to corporate customers via a fleet management company, and thus permanently ensures the attractiveness of the fleet and its value preservation. This is how ecology and economy perfectly converge in mobility.

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Press Picture



Caption 1: The electric Shuttle META for commuters (Prof. Günther Schuh, CEO, e.Volution GmbH)



Caption 2: The electric Shuttle META with up to 7 seats, including up to 4 office work stations

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The e.Volution GmbH, based on RWTH Aachen Campus, is a provider of holistic mobility solutions and a developer and manufacturer of purpose-dedicated electric vehicles. Currently, the company designs and develops the Shuttle META, which incorporates new digital mobility experiences. For the production concept of the shuttle, e.Volution GmbH possesses strong expertise in MicroFactories, Re-Assembly Factories and vehicle homologation. e.Volution was founded in 2021 by Prof. Günther Schuh (CEO).

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