

# PRESSRELEASE

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## MotionWerk establishes Share&Charge Foundation

**MotionWerk GmbH, a leading blockchain developer in the mobility sector, is establishing the Share&Charge Foundation in Switzerland. In doing so, the Essen-based firm is transferring its Share&Charge service, a blockchain-based software for the simple and safe charging of electric cars, to the newly established foundation. The aim of this step is to decentralise the entire service as open-source software and an independent network, and in doing so, open it up to a wider array of partners. In addition, the global orientation of Share&Charge is to be intensified by the foundation.**

In 2005, the number of cars worldwide was still below one billion. Currently, 1.4 billion cars are being driven across our planet, and according to a recent Shell study, this figure is expected to rise to 2.5 billion by 2050. The share of electric cars is also rising steadily. According to the management consultancy McKinsey, 1.2 million new electric vehicles were registered last year, breaking the one million mark for the first time. By 2030, 200 million vehicles are expected to be on the roads. However, this requires a well-developed network of charging stations to ensure mobility and energy supply. At present, however, a very fragmented market and the acceptance of uniform standards are causing problems in charging electric cars, the simple integration of charging stations and the integration into the power grid for intelligent control of the charging process.

The Essen-based company MotionWerk GmbH offers a solution for this with its Share&Charge service, an open, decentralised, and digital protocol for charging electric vehicles. Share&Charge is a blockchain-based network for charging stations and electric cars of all kinds, independent of manufacturers or power suppliers. The Share&Charge service is based on rapidly developing blockchain technology and promises a significant and noticeable improvement of the user's experience, business processes and IT security without a central platform. In order to meet global challenges and establish Share&Charge as an independent network, MotionWerk GmbH is now establishing the Share&Charge Foundation. "In pilot projects, such as Oslo2Rome – a European charging network – we learned that blockchain technology can be a game changer in the business of charging electric cars. Our global partners share the vision to develop a global blockchain-based standard with us. Therefore, the establishment of an independent foundation and open-source strategy is the next logical step for us," says Dietrich Sümmermann, Managing Director of MotionWerk GmbH.

Blockchain technology enables the direct transfer of value units between two parties without a central authority. The Share&Charge protocol makes use of this and provides a simple, user-friendly solution to achieve interoperability when charging and paying for charging. The financing of this open-source project takes place via a so-called token sale, which will start in the coming weeks.

"We are making good progress with its development and with partners in pilot projects worldwide we are testing how we can use blockchain technology to make processes more efficient and safer and thus contribute to the growth of electric mobility. We are planning a public test version this year and the first product for foundation members in the middle of next year," explains Dietrich Sümmermann.

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Further information on Share&Charge is available at <https://shareandcharge.com>

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## About MotionWerk GmbH

MotionWerk GmbH develops blockchain-based software solutions for the mobility industry. The company became known for its Share&Charge product, a peer2peer charging network that was considered one of the first live products using the public Ethereum blockchain. Other projects included Oslo2Rome, a European charging network, and a P2P pilot in California. Share&Charge prepares a token sale on a decentralised protocol for charging electric vehicles, transactions and sharing data – so that companies can offer a seamless, intelligent and secure charging experience. Working with key players in the broader mobility ecosystem, MotionWerk is researching and developing decentralised technologies for the future of mobility. MotionWerk GmbH is a spin-off and participation of Innogy Innovation Hub.

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