
Media information

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Elli and Elia Group forming partnership to integrate EVs into the electricity system

- **Memorandum of understanding (MoU) on collaboration signed today in Berlin**
- **Batteries of electric vehicles should create added value**
- **Partnership to cover four fields: price signals/incentives, market design, trusted data and connectivity;**
- **Memorandum aligns with Volkswagen's strategy to accelerate the transition to sustainable mobility and Elia's vision of a customer-centric electricity system.**

Wolfsburg/Berlin, September 23, 2022 – Elli, the Volkswagen subsidiary that manages all activities related to charging and energy for the Group in Europe, the Elia Group and its start-up re.alto signed a memorandum of understanding (MoU) today in Berlin. The MoU underscores the signatories' shared vision of integrating electric cars into the electricity system. Over the next few years, the partners will identify possible barriers to EV integration and explore how to showcase its benefits, for example by developing demonstrators.



Chris Peeters, CEO Elia, Elke Temme, CEO Elli, and Stefan Kapferer, CEO 50Hertz, are signing the MoU

The signatories Elli, Elia and re.alto encourage that the increasing amount of e-vehicles can create tremendous opportunities to counteract climate change in the coming decade: The batteries of electric vehicles can help stabilise grids as the share of volatile, renewable energies rises. Consumers will be able to charge their EVs when there are high amounts of affordable renewable energy in the system and inject the electricity stored in their EVs back into the grid when it needs it most. This would enable consumers to play an active part in the energy transition.

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Elke Temme, the CEO of Elli (Volkswagen Group Charging GmbH) and Senior Vice President of Charging & Energy at Volkswagen AG, said: “An essential key to achieving climate neutrality lies in linking of the energy and mobility sectors. Using the electric vehicle battery as a mobile power bank delivers a triple benefit: Firstly, the climate benefits as renewable energy can be stored and therefore be used more efficiently; secondly, the electric grid benefits, as the car can contribute toward grid stability, and thirdly, the customer can earn additional revenue with vehicle-to-grid services. To explore the benefits of this consumer-centric approach, this cooperation with Elia Group is crucial for us.”

Chris Peeters, the CEO of the Elia Group, added: “The rapid rise in electric vehicles is reinforcing the need for cooperation between the electricity and mobility sectors. We want to enable the increasing number of EV users to charge their EVs while keeping the electricity system in balance. As a next step, the batteries of these cars will also be able to be used in such a way that they will contribute to the overall levels of energy comfort experienced by end users. Elli shares the same vision of the future regarding electric mobility as us and also has a strong focus on digital innovations. In the context of sector convergence, we are therefore the ideal partners to develop digital consumer services together.”

In their MoU, Elli, the Elia Group and re.alto agreed on joint activities that they would undertake to achieve their shared goal of highlighting the benefits of integrating e-vehicles into the electricity system. The companies’ work will focus on four areas:

- 1. Price signals/incentives:** exploration into ways that price signals will enable and incentivise e-vehicle owners to use their assets as decentralised storage capacity through vehicle-to-grid technology and thus support the power system.
- 2. Market design:** exploration of how to give consumers the freedom to choose their energy supplier, no matter where they have travelled. This will also involve working on removing barriers that are preventing EV fleets and consumers from choosing their suppliers, smart charging service providers and aggregators at charging poles.
- 3. Trusted data:** ensuring that e-vehicle data is recognised as reliable and secure and can be used by the power system.
- 4. Data security and safe connectivity:** exploration of mechanisms that allow the safe transmission of data and defining roles and responsibilities related to steering the charging behaviour of e-vehicles whilst ensuring connectivity remains safe and secure.

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You will find the Elia Group's vision paper on electric mobility here: [20201120 Publication vision paper on E-mobility \(eliagroup.eu\)](#)



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About the Volkswagen Group:

Based in Wolfsburg, Germany, the Volkswagen Group is one of the world's leading car manufacturers, and the largest producer of automobiles in Europe. The Group comprises ten core brands from seven European countries: Volkswagen Passenger Cars, Audi, SEAT, Cupra, ŠKODA, Bentley, Lamborghini, Porsche, Ducati and Volkswagen Commercial Vehicles. The passenger car range extends from compact cars to luxury class vehicles. Ducati offers motorcycles. In the light and heavy commercial vehicle segment, the product range starts with pick-up vehicles and extends to buses and heavy goods vehicles. Around 672,800 employees manufacture products around the world or work in vehicle-related services or other business areas. The Volkswagen Group offers its vehicles in 153 countries.

In 2021, worldwide deliveries amounted to 8.9 million Group vehicles (2020: 9.3 million). Group sales revenue totalled 250.2 billion euros in 2021 (2020: 222.9 billion euros). The earnings after tax were 15.4 billion euros in 2021 (2020: 8.8 billion euros).
