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Volkswagen Group and Elli launch electricity trading on the European energy exchange

- The first time an automotive company is listed on the EPEX Spot power exchange (German electricity market)
- Project includes stationary battery storage and new digital platform to control battery and electricity trading
- Electricity trading is Elli's first step on the way to a smart energy portfolio
- • Elli CEO Giovanni Palazzo: "We want to make Elli the leading brand in the European energy and battery management business."

Berlin, July 12, 2023 – Today, the Volkswagen Group and its Elli brand became the first automotive company to start trading on the German electricity market of Europe's largest power exchange, EPEX Spot. The basis for electricity trading is a stationary storage system made of e-up! batteries and a new, digital electricity trading platform from Elli. In the future, the stationary storage system – the so-called "PowerCenter" – will store the energy traded on the electricity market. The pilot project is being driven forward jointly by Elli and Volkswagen After Sales and is a first step on the way to the planned Smart Energy Platform. In the future, Volkswagen and Elli want to anchor the growing storage capacities of electric cars and batteries in the energy system and make an important contribution to the energy transition.



Elli Trading Team

"Elli will significantly advance electric mobility and the energy transition," says Elli CEO Giovanni Palazzo. "We are already Europe's largest mobility service provider in the field of charging and energy. We want to further expand this leading position and develop Elli into a leading trading company for battery flexibility. Electricity trading is a major milestone on this path. Our long-term goal is clear: We want to give our customers a clear

advantage in terms of electricity prices and at the same time develop new, high-revenue business models that will strengthen Elli in the long term," added.

Kora Töpfer, Head of German Public & Regulatory Affairs at the European Power Exchange EPEX Spot, adds: "We are pleased to welcome the Volkswagen Group and Elli as the first automotive

company to trade with us on the German electricity market. Our continuously growing electricity exchange needs companies that want to get involved in trading and control the growth of renewable energies with us in order to compensate for fluctuating demand and energy supply. With Elli, our broad and diverse trading community is expanded by another significant member, for the benefit of the entire market and all trading participants. After all, more activity also means more trading opportunities for all market participants."

This is how Elli electricity trading works: The focus is on an intelligent platform for trading, controlling and optimizing batteries. Bids can be automatically placed on the stock exchange via the platform. The trading results are translated into a timetable and the battery is automatically charged or discharged. Electricity is purchased during periods of low prices (with a tendency towards a high share of renewables) and sold during periods of high prices (with a tendency towards a low share of renewables). As a result, not only can trading revenues be generated, but a better use of renewable energies can also be achieved. The stationary battery storage uses 28 battery systems and 34 e-up! cell modules.

In this pilot project, Elli is gaining valuable experience for the development of a smart energy platform, which can later be used for larger and more complex applications. For example, Elli is currently investigating the possibilities and scalability of large-scale storage systems together with the battery company PowerCo. In the future, the growing e-car fleet can also be integrated into the energy grid via Vehicle-2-Home and Vehicle-2-Grid and serve as a mobile power bank. Thanks to intelligent charging tariffs and algorithms, Elli is already making it possible to charge the car exactly when there is a lot of renewable energy available at low cost.

For more information about Giovanni Palazzo, as well as photos about this topic, please visit www.volkswagen-group.com or www.elli.eco.

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About the Volkswagen Group:

The Volkswagen Group, with its headquarters in Wolfsburg, is one of the world's leading automobile manufacturers and the largest carmaker 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 portfolio ranges from small cars all the way to luxury-class vehicles. Ducati offers motorcycles. In the light and heavy commercial vehicles sector, the products range from pick-ups to buses and heavy trucks. Around 675,800 employees around the globe are involved in vehicle-related services or work in other areas of business. With its brands, the Volkswagen Group is present in all relevant markets around the world.

In 2022, the total number of vehicles delivered to customers by the Group globally was 8.3 million (2021: 8.9 million). Group sales revenue in 2022 totaled EUR 279.2 billion (2021: EUR 250.2 billion). The operating result before special items in 2022 amounted to EUR 22.5 billion (2021: EUR 20.0 billion).

About Elli:

The Elli brand, with around 300 employees, takes care of customers' needs at the interface between energy and mobility. Elli, as part of the Volkswagen Group, offers a broad range of energy and charging solutions in Europe and acts as a mobility service provider. The current product portfolio includes charging solutions for private customers and companies – from the company's own home chargers and the flexible fast-charging stations (Flexpoles) to charging services and innovative smart green electricity tariffs. For charging in public spaces, Elli provides digital solutions and services for a seamless charging experience. Elli, which was founded in 2018, has offices in Berlin, Wolfsburg and Munich.
