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## **CTEK, POLESTAR AND FERROAMP ANNOUNCE START-UP OF VEHICLE TO GRID DEVELOPMENT PROJECT**

*Project is backed with funding from the Swedish Energy Agency*

CTEK, together with Electric Vehicle (EV) manufacturer Polestar, and technology company Ferroamp, has today announced the start up of a project to develop solutions for vehicle-to-grid charging. Backed by funding from the Swedish Energy Agency, this three-year project has a total budget of 30 million SEK, financed by the Swedish Energy Agency and participating organisations.

Vehicle-to-grid (V2G), or more generally vehicle-to-everything (V2X), enables any charged power in an EV to be momentarily pushed back to the grid to balance meet any sudden increases in energy production and consumption. The project will run for three years and has a total budget of 30 million Swedish Krona (SEK), partly financed by the Swedish Energy Agency.

EV charging has in many instances been seen as a challenge, potentially resulting in increased power shortage, especially in large cities or locally, in properties. Smart charging and smart control systems can partially handle these challenges, but the introduction of vehicle-to-grid and vehicle-to-everything, so many more possibilities can be opened up, with EVs becoming an important cog in our common electricity network.

Cecilia Routledge, Global Director for CTEK E-Mobility said. "We are delighted to be a part of this exciting project. Together with all of the partners in this project, we will research and develop solutions for Vehicle-to-grid charging, for AC charging, where we bring electricity back to households and other residential properties and DC charging, where the EV becomes an integral part of the electricity supply in the grid. The possibilities are endless and we are looking forward to working together to further contribute to a sustainable and connected future."

**ENDS**

### **EDITORS NOTES**

- CTEK SWEDEN AB is a leading global brand in battery charging solutions. CTEK's unparalleled knowledge, and continuous investment in innovation, means they push the boundaries of research and development to bring new and unique battery charging technologies to the market.

- CTEK offers the market high-quality, reliable chargers and accessories that are effective, user friendly and, most importantly, safe (for the user, the vehicle electronics, the battery and the charger).
- CTEK's range of E-mobility products and solutions range from individual EV chargers for charging at home, to larger corporate and commercial installations with many charging stations, that require load balancing as well monitoring and payment solutions.
- With products and solutions for 12 & 24V lead-acid & lithium (12V LiFePO<sub>4</sub>) as well as Electrical Vehicle batteries, CTEK products are designed and tested to deliver maximum performance in a range of different situations.
- CTEK sells over one million battery chargers each year across the globe and regularly tops independent battery charger competitive tests.
- CTEK supplies chargers to the world's most recognized manufacturers including Audi, Bentley, BMW, Corvette, Ferrari, Jaguar, Maserati, McLaren, Mercedes, Porsche, and Rolls-Royce.
- Please click [HERE](#) to visit our website

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