



Launch of the new "PowerCore" brand: H2 Core opens up global growth market for self-sufficient energy systems for critical infrastructure

- With PowerCore, H2 Core offers easy-to-install, sustainable hydrogen energy solutions for companies in the critical infrastructure sector
- PowerCore as a clean and economical replacement for environmentally harmful diesel generators
- Strengthening of the good market position as a complete solution provider for integrated energy concepts from a single source
- Scheduled strategic expansion of multi-level, international partnerships

Heide, 31 March 2025 - H2 Core AG ("H2 Core", ISIN: DE000A0H1GY2) announces the launch of its new brand "PowerCore". PowerCore was developed specifically for global applications in the area of critical infrastructure in remote regions. These include, for example, the continuous power supply of telecommunication towers, but also backup power solutions for hospitals in remote regions around the globe. The first reference projects in the telecommunications sector have already been implemented by H2 Core in Kenya and South Africa. Further projects are currently being implemented worldwide. With the launch of PowerCore, H2 Core is further expanding its strong market position in the field of renewable energies for critical infrastructure as planned. H2 Core acts as a product supplier and focusses on the production, delivery, profitability calculations and commissioning of the systems. Local project partners are responsible for on-site service, customer support and project management. H2 Core's cooperative and multi-level partner model thus ensures a rapid rollout, reliable services and a high level of acceptance among local partners and customers via local content.

In many countries around the world, power outages as well as planned and unplanned grid shutdowns still occur time and again. In addition, many regions such as islands or remote locations are often not connected to a power grid at all. Diesel generators with batteries are therefore generally used to ensure a continuous power supply and grid availability. However, these are expensive to operate and require a lot of maintenance, are subject to high risk of theft and significantly increase the customer's carbon footprint. PowerCore represents an attractive and future-proof alternative to backup energy systems available on the market, which is not only more economical but also makes a significant contribution to sustainability goals. This is in line with the global trend of enforcing stricter environmental requirements by means of regulatory guidelines and can reduce operating costs at the same time.

With the scalable and clean energy solution PowerCore, H2 Core combines state-of-the-art hydrogen technology with electrostatic battery storage systems and other components such as fuel cells for an independent and reliable energy supply with all common primary energy solutions such as solar, wind or biomass. PowerCore is modularly expandable and can be adapted to different power requirements. Compared to conventional diesel generators, operators can save up to 40 % of their

operating costs with PowerCore and set themselves up to be future-proof and independent of the grid. The PowerCore system also includes intelligent energy management software that not only automatically controls the hydrogen energy system but can also be easily connected to peripheral devices such as PV systems.

Ulf Jörgensen, CEO of H2 Core AG: "Our innovative energy systems are based on state-of-the-art, sustainable solutions and have significant advantages over diesel generators and lithium batteries. We can already completely replace diesel generators with simple and quick-to-implement standard solutions in a wide range of applications. PowerCore is the perfect solution for all markets and regions with high grid failure rates or the need for decentralized independence. Together with our local implementation partners, we are building resilient and decentralized energy grids that use our hydrogen and electrostatic battery technology to provide a stable, economical and sustainable infrastructure for local people."

About H2 Core:

The H2 Core Group develops, manufactures and maintains modularly configurable complete systems for the production, storage and use of green hydrogen, which can be deployed almost anywhere in the world within a very short time thanks to simple and fast commissioning. H2 Core's solutions are scalable and future-proof. They can be adapted to individual customer needs and supplemented with technological innovations as required. H2 Core supplies the know-how and products for the implementation and successful establishment of hydrogen-based core systems on the basis of reliable in-house developments. The company's customers thus make a significant and immediate contribution to a globally sustainable and resource-saving energy supply. H2 Core relies on intensive cooperation with a global partner network and thus enables rapid commissioning and servicing of the systems worldwide. Further information can be found at www.h2core.com.

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