

Nilar batteries installed in the Swedish pavilion in Dubai

At Expo 2020 in Dubai, the Sweden pavilion is showcasing the collaborative spirit through renewable energy. As the official battery supplier, Nilar has furnished a sustainable energy storage system to operate in cooperation with solar panels skillfully embedded into the pavilion structure and an intelligent EnergyHub optimizing power use. The Sweden Pavilion is located within the area of Sustainability on the Expo 2020 grounds. This global event will begin on October 1st and span 6 months.

Noted as the largest investment in export and investment promotion for the Swedish government, the Sweden Pavilion is based on the idea of emerging smart cities within the Scandinavian woodlands. Referred to as “The Forest”, the imaginative wooden landscape presents a metaphor for the synergy of a bio-circular economy, showcasing how technologies are brought together by innovative life sciences and smart cities.

Nilar is honored to be one of the technologies exemplifying the expertise in Sweden at this global event. The energy storage system of the pavilion showcases the Nilar Hydride® technology and modular bi-polar construction as an environmentally conscious and reliable power source with essential safety benefits. The sophisticated monitoring and control systems ensure safe and reliable operation as well as seamless integration into larger solutions. Nilar batteries embrace the circular economy philosophy as a central theme in all design and innovation.

The Sweden pavilion shines a spotlight on renewable energy. The incoming sunlight is harnessed through 1000 square meters of solar panels embedded within the roof and façade by Soltech Energy AB. The EnergyHub, provided by Ferroamp, strategically manages the energy from the solar installations to power the Sweden Pavilion and optimizes power consumption through use of the Nilar energy storage system. Embodying the synergistic spirit of Sweden, the pavilion demonstrates of a complete system furnished through a three-company collaboration. Explore the interaction through the following film: <https://youtu.be/Th1Ydfml2A8>.

Jan Lundquist, Head of Sales & Marketing of Nilar, says:

“Our collaboration with Ferroamp and Soltech helps us highlight the pavilion themes of innovation and sustainability. The synergy created through these integrated systems can meet societal needs as we move towards electrification.”

As one of the largest and longstanding global events, the World Expo showcases a large series of exhibitions and events allowing attendees to experience, explore, innovate, and engage with each other, working together towards a common theme. Expo 2020 aims to inspire by

showcasing worldwide collaboration and innovation through the theme Connecting Minds, Creating the Future. The exhibition has three main areas: Opportunity, Mobility and Sustainability. The Sweden Pavilion will be in the Sustainability district. To learn more about Expo 2020, visit the event website: <https://www.expo2020dubai.com/>

For further information, please:

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About Nilar

Nilar is a Swedish-based developer and manufacturer of batteries for stationary energy storage systems. Energy storage systems can be used to bridge imbalances between energy production and demand in order to, for example, improve the utilization of intermittent electricity production from renewable energy sources, such as solar energy and wind power, as well as to strengthen the increasingly strained power grids. Nilar's battery technology is based on nickel-metal-hydride (NiMH) electrochemistry with a water-based electrolyte, which results in a strong environmental, safety, and longevity profile. The Company is headquartered in Täby and the energy-efficient production facility is, since 2012, located in Gävle, where the Company's research and development also takes place.

The Nilar share is listed at Nasdaq First North Premier Growth Market, ticker NILAR. FNCA Sweden is Certified Adviser +46 8 528 00 399. For more information go to www.nilar.com.