

Polarium inaugurates a new technology center - Polarium X

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Polarium, a leading energy storage developer, inaugurates a new technology center, Polarium X, in Tomtebodan. Polarium X includes state-of-the-art technical labs and prototype production for developing and testing energy storage and optimization solutions for today - and tomorrow.

Climate change is the biggest challenge of our time. CO2 emissions need to decrease by half every decade until 2050 to reach net zero. Meanwhile energy security is essential as electricity consumption is expected to triple by 2050. The problem society face is that we need to move from 80% fossil dependencies to 90% renewables in 30 years. Energy storage is the missing link in the sustainable energy system. Polarium's mission is to unlock endless energy.

Polarium is a leading energy storage developer. Polarium makes energy storage and optimization solutions built on lithium-ion battery technology for businesses within telecom, commercial and industrial facilities across the world. Polarium maximizes value creation for our customers through our cutting-edge technology and a three-fold product offering of battery modules, battery energy storage systems and energy optimization systems as well as associated services. Polarium's easily adaptable modular battery technology enables the company to be in the forefront of developing state-of-the art sustainable energy storage and optimization solutions for today - and tomorrow.

The newly inaugurated technology center, Polarium X, includes state-of-the-art technical labs and prototype production for development of lithium-ion energy storage and optimization solutions including;

Development of electronics, power switching and software

- Development of large BESS (battery energy storage systems)
- Verification and validation of modules, products and systems

Qualification testing

- Labs for cell testing and qualification
- Equipment for module, product, and system qualification



The need for energy storage is global, as highlighted by Polarium's customer base across the world from Ghana to Svalbard. The ability to set up and run large energy storage systems and create local electrical grids simulated to the environment the systems will be deployed in is crucial which is made possible at Polarium X's energy storage systems lab. Guaranteeing safe, smart, and sustainable energy storage solutions is the DNA Polarium is founded on.

In the electronics and software lab the BMS (Battery Monitoring System) electronics and software is developed and set through rigorous test programs to ensure quality and safety of the products. The qualification test lab contains equipment to do cell and battery testing, including environmental chambers, where we can run through performance testing at temperatures from -40 to + 60 degrees.

"Polarium was founded in 2015 on the conviction that safe, smart and sustainable energy storage solutions will be key to empower the transition to a truly, sustainable energy future. Polarium X will enable us to speed up that transition in meeting growing customer demands for our products and ensure that we continue to be in the forefront of developing state of the art sustainable energy storage and optimization solutions for today - and tomorrow", says Stefan Jansson, CEO of Polarium.

For further information please contact
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About Polarium

Polarium is a leading energy storage developer. We make energy storage and optimization solutions built on lithium-ion battery technology for businesses within telecom, commercial and industrial facilities across the world. Polarium was founded in 2015 on the conviction that safe, smart and sustainable energy storage solutions will be key to empower the transition to a truly, sustainable energy future. We are an impact business contributing to the sustainable energy transformation by enabling renewables, electrification and intermittent power supply. Our cutting-edge and easily adaptable modular battery technology enables us to be in the forefront of developing state-of-the art sustainable energy storage and optimization solutions for today - and tomorrow. Polarium is a fast growing, entrepreneurial company headquartered in Stockholm, with production in Mexico, South Africa and Vietnam, customers across the world from Ghana to Svalbard and 600+ employees.