



SaltX builds a fluidized bed reactor for energy storage using nanocoated salt

Nasdaq First North-listed SaltX Technology develops a discharge reactor pilot, to upscale the energy storage solution using SaltX's patented nanocoated salt. The new reactor is based on fluidized bed technology. It is built together with the global technology provider Sumitomo SHI FW and will be installed at a heating plant outside Stockholm.

In 2019, SaltX built a pilot plant in Berlin with a reactor technology based on a heated screw design for storing and extracting thermal energy in the form of steam with SaltX's nanocoated salt. Following the construction and test runs in Berlin, the company has focused on improving the process using fluidization technology as the next step.

"The construction of the reactor is a step to secure and develop the new technology on a large scale, which will be an important part of our commercialization. It will be a really exciting time in the next upcoming months", says Carl-Johan Linér, CEO of SaltX Technology.

The 100 kW pilot will soon be verified at a heating plant as a first upscaling step. Thereafter, the technology will be further scaled-up to a 1 MW_{th} discharging reactor in a demonstration project that is partly financed by the Swedish Energy Agency.

The new reactor will evaluate the performance of the nanocoated salt combined with the fluidization technology. The goal of the project is to verify the design, validate process parameters and improve plant control for continued optimization.

The pilot will be installed at a heating plant outside Stockholm.

SaltX's reactor pilot will be commissioned in the beginning of 2021 and tests will be completed in the first quarter.

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About SaltX Technology

SaltX Technology develops and sells a patented energy storage technology based on nanocoated salt. The Company collaborates with partners such as Spanish INERCO ITC, German Steinmüller and Chinese Shuangliang Boilers. SaltX Technology's shares are listed on the Nasdaq First North Premier Growth Market. FNCA Sweden AB, +468-528 00 399, info@fnca.se, is SaltX Technology's certified adviser. For more information, visit: www.saltxtechnology.com.

About Sumitomo SHI FW

Sumitomo SHI FW is a global, innovative provider of energy and environmental technologies and services focusing on high efficiency and flexible generation of energy. For more information, visit: www.shi-fw.com.

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