

The Swedish Energy Agency invests in Vasasensor

The Swedish Energy Agency grants Vasasensor a soft loan of nearly 4 MSEK for the project "Energy savings in paper machines". The owners of Vasasensor invests additional capital in the company at the same time.

- The objective of the Swedish Energy Agency's support for Vasasensor is to stimulate development that reduces the energy use in the industry. In the applications where the technology will be used, it can lead to substantial energy savings. - Erik Olsson, The Swedish Energy Agency

The project aims to make it possible to provide a system for more efficient dewatering of the paper pulp. Vasasensor commercializes a patented wireless sensor systems, PressEyes®, for measuring the pressure profile between the rolls during paper production. Another participant in the project is the paper machine clothing manufacturer Albany International.

The paper industry is one of Sweden's most energy-intensive industries, accounting for approximately 15% of its total electricity consumption. Vasasensor's sensor technology helps paper manufacturers to improve energy efficiency in the paper machine and increase production.

About Vasasensor

Vasasensor's technology was born at the Institute of micro and nanotechnology in Gothenburg, Imego, where researchers developed a method for reading a pressure sensitive film wirelessly without the use of conventional wireless technology. This made it possible to measure pressure in harsh environments where it was previously not possible. After patenting the technology, Vasasensor was founded in 2003 at Chalmers School of Entrepreneurship to evaluate and commercialize the technology under the name PressEyes. The first application was chosen to measure the pressure profile between the rolls of paper machines in operation, something that actors in the industry had tried to do for a long time without success. There was a problem to be solved with the technology, which would mean substantial revenue for the paper industry.

Vasasensor now verifies its first product in pilot machines. A reference installation is commenced in a joint venture between Stora Enso Nymölla, Vasasensor and Albany International.

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