

VINNOVA funds collaboration between Stora Enso Nymölla, Albany International and Vasasensor with SEK 4.4 million.

Within the programme “Environmental Innovations”, The Swedish Governmental Agency for Innovation Systems, VINNOVA, funds research and development projects that contribute to increased growth and reduced environmental impact with a total of SEK 150 million. Nearly 200 R&D projects applied for almost SEK 1 billion crowns in 2009. The project “Energy savings and reduced spillage in paper making” was one of the 30 projects which VINNOVA chose to fund. Partners in the project are Stora Enso Nymölla, Albany International and Vasasensor.

The objective of this cooperation is to combine information from a sensor system with experience of paper making to create new knowledge on how to streamline paper machines. It aims not only to improve energy efficiency in paper mills but also to increase the profitability of the Swedish and international paper makers considerably.

- It's exciting that both industrial partners and VINNOVA now choose to fund the next project. We have worked closely the past years and this project is a natural next step, says Sofia Kocher, CEO Vasasensor and project manager for the project.

The project is a demonstration test and a pilot project in which new technology, developed by Vasasensor will be verified in pilot scale and ultimately be verified in a full-size paper machine at Stora Enso Nymölla paper mill.

About Vasasensor

Vasasensor's basic 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.

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