Swedish Governmental Agency for Innovation Systems (VINNOVA) supports project for evaluation of new wireless sensor system.

The project will evaluate a new wireless sensor system for process optimization in a Swedish paper mill. The sensor system, developed by Vasasensor, measures the pressure profile in the paper machine press nip. The system is the first to measure the pressure profile during full paper production.

Information from the unique sensor system, in combination with know-how of paper making, enables real-time adjustments towards more efficient dewatering and reduced energy costs for paper makers. Improved paper quality, reduced amount of spillage and decreased machine downtime are other benefits that will be evaluated during the project.

The participating parties in the project are Stora Enso Nymölla AB, the research spin-off Vasasensor and a supplier of belts.

The project is mainly financed by the participating parties but has also in competition with other companies and researchers been granted SEK 2.8 million from VINNOVA.

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