

## A development partner for packaging board

**Stora Enso, the world's largest manufacturer of board and paper, has chosen Savcor as its development partner. Stora Enso uses the process diagnostics tool Wedge and MAF microbial control tools in its R&D and production units at the Imatra Mills.**

– Wedge can be compared to a shared language for process researchers, production developers, and production managers and supervisors. The clear graphical presentation of data makes the information easy to interpret, explains the IT manager of the Imatra Mills, **Antero Lattu**.

Stora Enso's board and paper mill in Imatra comprises two units, Kaukopää and Tainionkoski, which together employ around 1,000 people. The facility has an annual capacity of more than a million tons of cardboard and paper, over 90% of which is exported. Europe

is the main market, but Southeast Asia also accounts for a large proportion of the export volume.

### Cartons and packaging

The Imatra Mills produces both paper and cardboard. Stora Enso's board for liquids' packaging is used to produce such items as milk and juice cartons, while the food packaging board is used for drinking cups and various foods.

Other kind of packaging board is used in production of packages for food,

confectionary, and cigarettes. The graphical board made at the mill is very suitable for cards, covers, and luxury packaging.

– Almost every mill has a unique structure, and also plants' product range varies. Systems and applications facilitating production at board and paper mill must be adaptable, so that they can be customized to meet mill-specific needs. Otherwise, they are of no use, explains Lattu.

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Joanna Rahko and Antero Lattu work at Stora Enso Imatra Mills.

Photo: Haaja & Arwo Design Ltd.

### Expert partners

Wedge's analysis and measurement applications have already helped the factory's process engineers and researchers to develop more efficient production methods, identify causes of deviations in quality, and improve production processes.

– Stora Enso requires top-notch products and expertise from its partners and expects them to strive to develop their operations continuously. This is what we expect also from ourselves. On the whole, Savcor has the same traits as Wedge: it is an adaptable and innovative partner, Lattu praises.

### A convenient and hassle-free tool

**Joanna Rahko**, a production engineer at the pulp mill, has been using Wedge for several years. She finds it a handy tool for synthesizing and analyzing data for various phases of production.

– You can, for example, exclude production stoppages from the data and look at just the relevant information for a particular production phase. Compared with other trend analysis tools, Wedge makes it easy for us to perform calculations ourselves. Another brilliant aspect of the tool is that it allows us to take production delays into account, explains Rahko.

Adaptability and customized functions Stora Enso development manager Jari Räsänen says that the collaboration kicked off with corrosion prevention for the pulp mill's fiber line. It continued with close cooperation for full process hygiene.

– We carried out a joint study to analyze the performance of the technology. Introducing activities related to food-

grade hygiene for a paper machine unit was a big step. The collaboration has been successful, and everything has gone as planned, says Räsänen.

The purity and quality standards applying to food packaging board are very strict. With the technology provided by Savcor, it is easier to ensure that the quality remains consistent.

– Adaptability and thorough understanding of our area of business number among Savcor's strengths. It is vital that the applications can be adapted to work in combination with the systems we already have in place, Räsänen explains.



In debarking station is very good scent of fresh wood.