

## **FiberLean MFC, a novel method to increase Filler Loads**

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The main application to date has been applying MFC (micro fibrillated cellulose) for strength to facilitate filler increase in woodfree Printing & Writing papers. Especially in this segment all producers are looking for new cost saving potentials. In this application a key purpose is to maintain product quality and productivity while reducing cost. In parallel we have developed the use of MFC in packaging and specialty papers where we now have some applications with proven technical and economical results. This has been technically challenging and interesting as it involves making improved or new grades of paper and board. In this presentation we will show results from full scale and pilot trials using MFC in the wet-end to enhance quality and cost of paper and board.

The commercial roll-out of FiberLean MFC continues with two new on-site plants starting up in 2016. Following the start-up of these plants FiberLean Technologies will have a combined capacity of some 8 000 dry ton of MFC per year.