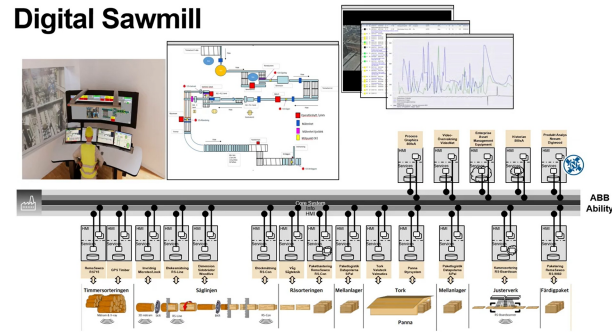


Digital Sawmill



The Digital Sawmill is a project funded by Vinnova and the participating companies Moelven Industrier, RemaSawco, Schneider Electric, RISE and DigiWood. The aim of the project was to, by digitizing the sawmill's production and process data, increase the process efficiency by 15%, increase the product value by 10% and reduce energy consumption by 10%. Digitization is a complicated project that takes time and requires resources. It is essential to focus on the goals set. Careful planning is required of: plant inventory, installation in stages, demanding deployment with parallel systems for new automated connections. Digitization projects start with details, continue with details and even more detail, with clear goals of a result of shaping a unified unit. Massive skills challenge. Visualize more, with less monitoring screens. Take control of data flows and take ownership of your own data. Platforms that handle data need to be tested in a harsh environment before. Different systems that measure time, energy or dimension need to be synchronized onsite, and with periodicity calibrated against "approved" similar. Traceability in saw lines can be achieved with redundant systems that measure length with the addition of timestamp. A calculation shows a potential increase in value of approximately SEK 5 million per year.

MER INFORMATION

UTMANING SOM ADRESSERAS

6. Odla den skogsbaserade bioekonomin genom
cirkulär användning och mervärdesprodukter

NYCKELORD

sawmilling; industry 4.0

UPPHOVSLAND

Sverige

DOMÄN

Inventering, värdering, övervakning
Produkter, marknad, handel
Innovations ledning, digitala hubbar, kluster

DIGITAL LÖSNING

Ja

POTENTIAL

kontinental

TYPE AV LÖSNING

Nätverk, testbädd, FoU plattform

INNOVASION

Ja

START OCH SLUTÅR

2017 -

KONTAKT INFORMATION

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RAPPORTÖR

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

<http://digiwood.se/>

PROJEKTETS HEMSIDA

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PROJEKTPREFERENS

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RESURSER

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LOGO FÖR BEST PRACTICE

LOGO, HUVUDORGANISATION



PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FÖR INLÄGG

12 aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

