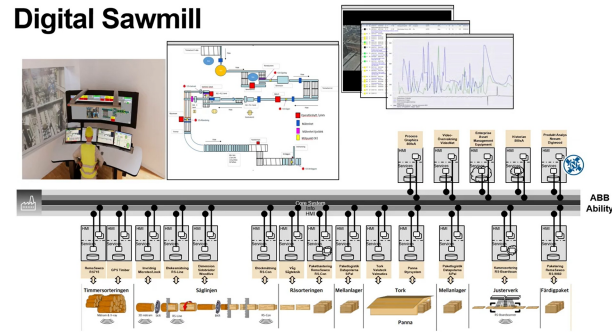


Digital Sawmill



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.

VIAC INFORMÁCIÍ

RIEŠENÁ VÝZVA

6. Rozvoj lesného biohospodárstva prostredníctvom obehového využívania a produktov s pridanou hodnotou

DOMAIN

Inventarizácia, posudzovanie,
monitoring/monitorovanie
Produkty, trhy, obchod
Správa inovácií, digitálne uzly, klastre, využívanie (priebežné)

TYP RIEŠENIA

Siete, testovacie zariadenia, platformy pre výskum a vývoj

Kľúčové SLOVá

sawmilling; industry 4.0

DIGITALNE RIEŠENIE

áno

INOVÁCIE

Áno

KRAJINA PôVODU

Švédsko

ROZSAH APLIKÁCIE

Continental

ZAČIATOK A KONIEC ROKA

2017 -

KONTAKTNÉ ÚDAJE

VLASTNÍK ALEBO AUTOR

Paper Province

Mikael Jakobsson

mikael@digiwood.se

www.digiwood.se

REPORTÉR

Paper Province

Joar Stensløkken

j.stenslokken@paperprovince.com

REFERENCES AND RESOURCES

HLAVNÁ WEBSTRÁNKA

<http://digiwood.se/>

ZDROJE

--

PROJEKTOVÁ WEBSTRÁNKA

--

REFERENCIA PROJEKTU

--

LOGO NAJLPEŠEJ PRAXE

LOGO HLAVNEJ ORGANIZÁCIE



PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ
Rosewood 4.0

DÁTUM ODOSLANIA
12 aug 2021



This project has received funding from the European Union's Horizon
2020 research and innovation programme under grant agreement No.
862681



A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

