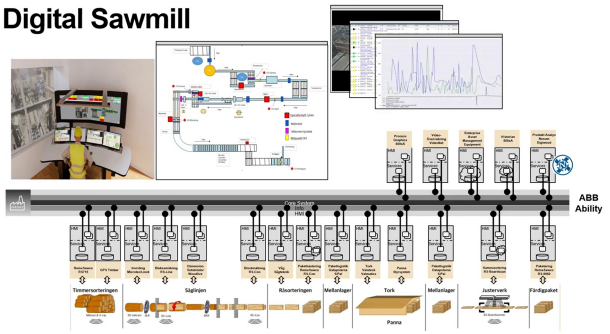
DigiWood | Digital sawmill traceability tools



DigiWood own products, with the family name Nexum, are focused on facilitating traceability from timberlog to board or finished end customer product, integration of existing hardware and software and products for analysis of all collected data.

The Digital Sawmill is a project is 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.

VIŠE DETALJA

IZAZOV

6. Rast bioekonomije temeljene na šumi kroz kaskadnu uporabu i proizvode dodane vrijednosti

DOMENA

Popis, procjena, praćenje

Proizvodi, tržišta, razmjena

Upravljanje inovacijama, digitalni centri, klasteri, eksploatacija (transverzalno)

VRSTA RJEŠENJA

Mreže, površine za ispitivanje, platforme za istraživanje i razvoj

KLJUČNE RIJEČI

sawmilling; industry 4.0

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Švedska

PODRUČJE PRIMJENE

Kontinentalno

POČETAK I KRAJ GODINE

2017 -

KONTAKT PODATCI

VLASNIK ILI AUTOR

Paper Province

Mikael Jakobsson

mikael@digiwood.se

www.digiwood.se

IZVJESTITELJ

Paper Province

Joar Stensløkken

j.stenslokken@paperprovince.com

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

http://digiwood.se/

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

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LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE

DigiWood
Index is to find

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León