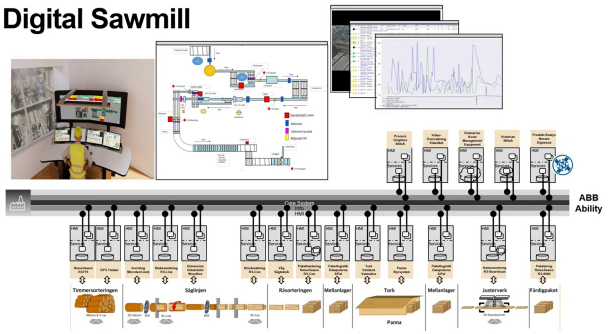
DigiWood | Digital sawmill traceability tools



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.

WIęCEJ INFORMACJI

WYZWANIE

6. Rozwój biogospodarki opartej o zasoby leśne poprzez cyrkulane zużycie materiałów i produkty o wysokiej wartości dodanej

DOMENA

Inwentaryzacja, ocena, monitoring zasobów

Produkty, rynki, handel

Zarządzanie innowacjami, cyfrowe huby, klastry, komercjalizacja

RODZAJ ROZWIąZANIA

Sieci, platformy testowe, platformy B+R

SŁOWA KLUCZOWE

sawmilling; industry 4.0

ROZWIąZANIE CYFROWE

Tak

INNOWACJA

Tak

KRAJ POCHODZENIA

Szwecja

SKALA APLIKACJI

Kontynentalny

ROK ROZPOCZęCIA I ZAKOńCZENIA

2017 -

DANE KONTAKTOWE

WłAśCICIEL LUB TWóRCA

Paper Province

Mikael Jakobsson

mikael@digiwood.se

www.digiwood.se

OSOBA PRZYGOTOWUJąCA FISZKę

Paper Province

Joar Stensløkken

j.stenslokken@paperprovince.com

ŹRóDłA I MATERIAłY

STRONA INTERNETOWA

http://digiwood.se/

ZASOBY

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STRONA INTERNETOWA PROJEKTU

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PROJEKT

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LOGO DOBREJ PRAKTYKI

LOGO ORGANIZACJI

DigiWood
Index is to find

PROJEKT, W RAMACH KTóREGO STWORZONA ZOSTAłA NINIEJSZA FISZKA

Rosewood 4.0

DATA PUBLIKACJI

12 sie 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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