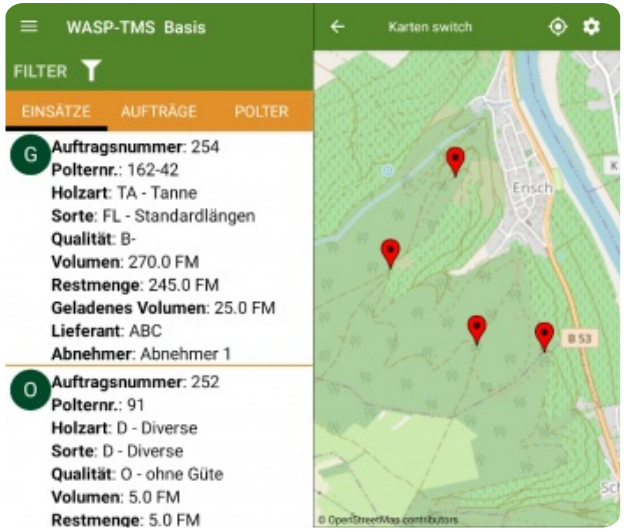
WASP | Wood logistics platform



Using the WASP's wood logistics platform, all actors involved in the forest and timber supply chain can improve the planning horizon to optimise the supply chain across companies.

The forest and timber industry is one of the leading industries in Germany, with 1.3 million people employed and annual sales of €181 billion. This sector is also characterised, however, by relatively low returns on its sales. Cost-reduction potentials can be realized if flows of material and informationare optimised. Using the WASP's wood logistics platform, all actors involved in the forest and timber supply chain can improve the planning horizon to optimise the supply chain across companies. Based on modern cloud technology, the WASP logistics platform seeks to interlink established software solutions with newly developed modules. It uses geodata to register and manage wood piles, and satellite navigation is integrated for use in timber transport. Wood piles can be captured by cameras, automatically geocoded, and transferred to the platform. In addition, the platform allows to handle dispatching with support for GPS (and in the future, Galileo) signals by retrieving vehicles' geocoordinates in real-time using mobile receivers, transferring them to the platform, and displaying positions and locations on a map. Integrated online map services like Navlog, OpenStreetMap (OSM), ArcGIS (ESRI), and Google Maps are also featured. The core advantage of WASP, meanwhile, is its integration of software applications that are already used in various sections along the entire value chain.

DETALII

SURSA DE LEMN

Pădure

TIPUL DE LEMN

Lemn masiv

TIPUL DE LEMN îN CAUZă

--

IMPACTUL ASUPRA MEDIULUI șI BIODIVERSITățII

--

EFECT ASUPRA VENITURILOR

--

POTENțIAL DE EXPLOATARE

--

HUB

--

IMPACT ECONOMIC

WASP saves money by reducing working time and fuel consumption

CUNOșTINțE SPECIFICE NECESARE

Low, the set-up is user-friendly

POTENțIALUL DE MOBILIZARE

High

POTENțIAL DE SUSTENABILITATE - VALOARE

--

FACILITATEA DE IMPLEMENTARE

The interoperability with software applications that are already used in various sections makes the implementation easy

FACILITATEA DE IMPLEMENTARE - EVALUARE

--

CONDIțII CHEIE PREALABILE

--

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

EFECT ASUPRA LOCURILOR DE MUNCă

--

COSTURI PENTRU IMPLEMENTARE (EURO - €)

--

MAI MULTE DETALII

PROVOCARE ABORDATă

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

DOMAIN

Recoltare, infrastructură, logistică

TIP DE SOLUțIE

Platforme de colaborare, hub-uri logistice

CUVINTE CHEIE

modular logistics platform

dispatching

software integration

SOLUțIE DIGITALă

Da

INOVAțIE

Da

ȚARA DE ORIGINE

Germania

SCARA DE APLICARE

Transfrontalier / multi-lateral

ANUL DE îNCEPUT șI DE SFâRșIT

2012 -

DATE DE CONTACT

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REFERENCES AND RESOURCES

PAGINă WEB

https://www.wasp-logistik.de/produkte.html

WEBSITE PROJECT

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REFERINță PROIECT

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RESURSE

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WASP

PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

16 Dec 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